



# CATALOGUE

INDOOR AND OUTDOOR LUMINAIRES

# FOR US, THE MOST IMPORTANT ENERGY IS THE ENERGY THAT NEVER GETS USED.

Energy efficiency has long since become far more than a metric for the cost benefit ratio.

In today's world, energy efficiency is at once a megatrend and a sacred duty, and is also a goal which more than ever before can only be reached through ingenious designs, intelligent materials and smart technologies.

For us here at RZB, a technology is considered to be smart if, in the context of a complex lighting concept, it renders a given product and its control elements simple and economical, and if the product uses the minimum amount of resources. And if said technology can be integrated and used in accordance with these principles, and at the same time allows sufficient leeway to produce a



luminaire that is also visually pleasing, so that when people look at and use the luminaire they find its style and design to be timeless, and can thus be considered to be sustainable. And if the product adheres to the tenets of minimalism, without sacrificing light quality, lighting comfort and lighting safety.

The markets we operate in are rapidly changing, resources are becoming ever more scarce, and energy prices are soar-

ing. Against this backdrop, concepts such as renewable energy and clean energy convey the impression that there's such a thing as good energy and bad energy, and that it is incumbent upon us to use only good energy in order to legitimize energy use or wastefulness.

But in truth there is only one kind of energy that genuinely conserves our resources for coming generations – namely the energy that we don't use. This is the energy that we need to focus our attention on.



# THINKING “GREEN” IS ONE THING, BUT PUTTING GREEN CONCEPTS INTO ACTION IS QUITE ANOTHER.

We're pleased to see that concerns such as sustainability, environmental awareness and resource conservation are taking on ever growing importance in today's world and are prompting many to rethink their practices.

But cogitation and reflection alone are not enough. For it is incumbent upon us, as a manufacturer, to shoulder our ethical and social responsibilities and to take the big picture into very serious consideration in all that we do.

Thus we continuously and reflexively optimize our lighting and production technologies with the aim of achieving the greatest possible energy and resource efficiency. The entirety of our development and production process centers around cost efficiency and value creation,



for nothing protects the environment better and is more environmentally sustainable than timelessly designed long-lasting products.

One important way we put our money where our mouth is when it comes to thinking and acting “green” is that our factory in Bamberg is outfitted with 30,000 square metres of solar panels that provide more than 1.1 megawatt of power and which, since 2010, have been supplying us with most of the energy we need for our factory and offices. These solar panels also reduce carbon emissions by 930,000 kilograms annually.

# RZB. SMART TECHNOLOGY, EXCELLENT DESIGN.

For more than seven decades now, we have devoted ourselves to the development and manufacture of the highest quality luminaire solutions.

We feel that we are duty bound to try to do better each and every day by finding solutions to the design and manufacturing challenges we are faced with, by allowing the concepts and ideas that form the basis of our products time to mature, and by thinking our solutions through carefully; for this, we feel, is the mainspring of innovation.

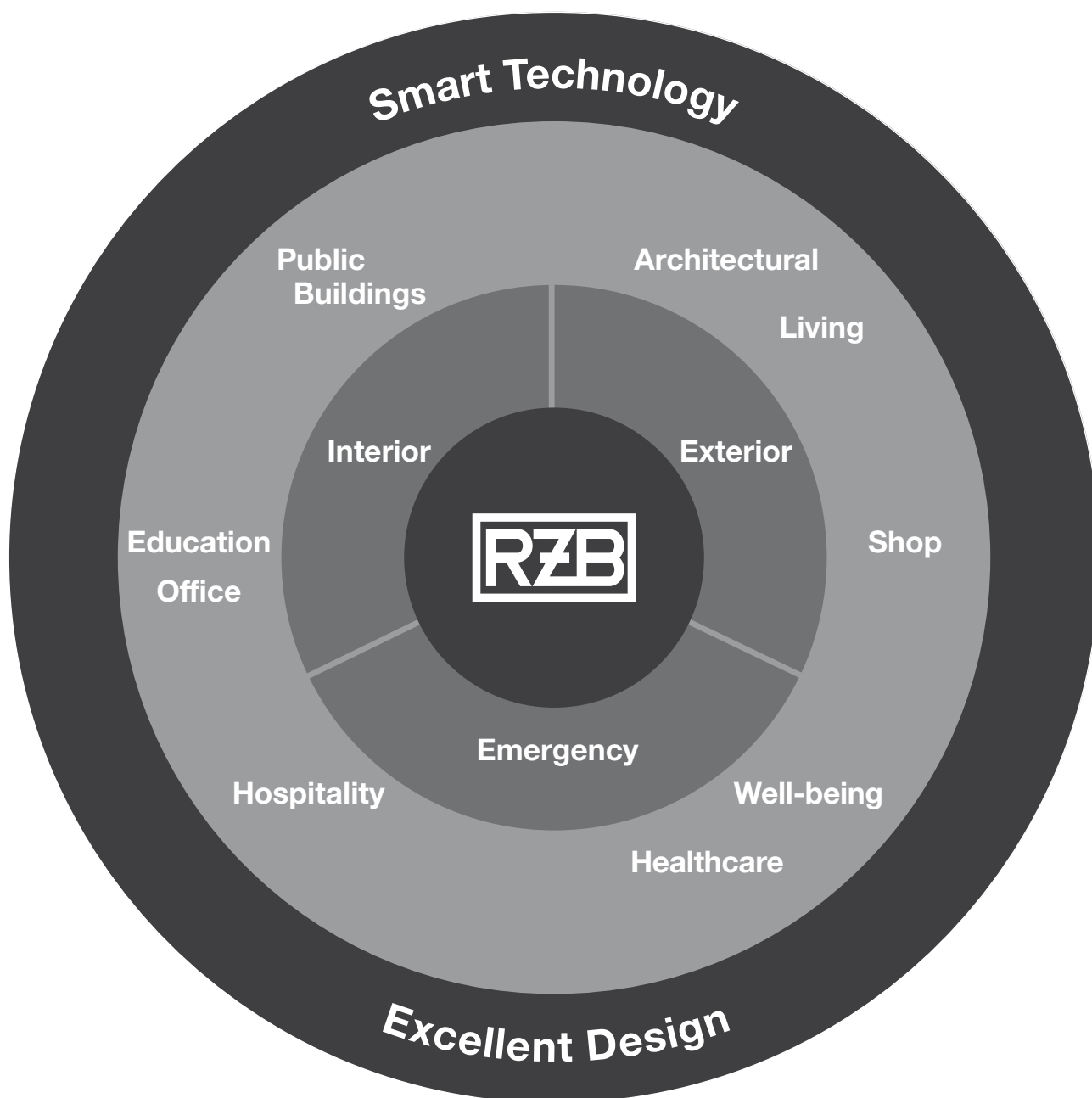
The expertise we have accumulated through more than 70 years of designing and manufacturing, and the values we have always upheld as a company whet our appetite to face everyday challenges. In so doing, two unwavering principles – smart technology and intelligent design – have always informed all that we do and all of our thought processes, and have always ensured that our products meet the highest quality standards and are competitive in our domestic and export markets.

Before we give any new or updated product the green light, it has to be energy efficient, it has to be user friendly, and its appearance has to be pleasing.

On 368 pages of this catalogue, you'll find answers to the following questions: Which criteria does a technology have to fulfill in order to be deemed pioneering and/or intelligent? At which juncture does a given form begin to approach perfection?

When can it be regarded as outstanding?

And how do you combine technology and elegance into a highly efficient whole?





## BEAUTY IN SIMPLICITY: RZB LIGHTING MANAGEMENT SOLUTIONS



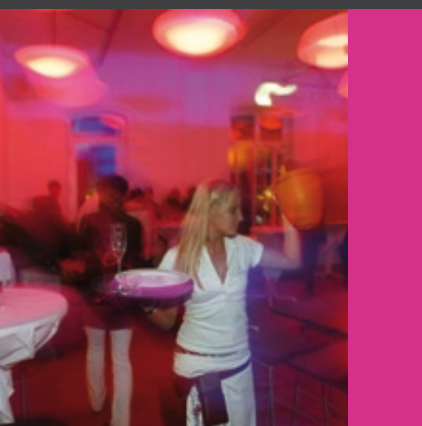
### ECONOMY

Light management systems for daylight-dependent and occupancy-dependent lighting

A modern lighting management solution is an absolute must when it comes to ensuring that a given lighting system is efficient.

The efficiency of virtually all lighting systems is determined by the multi-faceted interplay between the purpose of the lighting, functional considerations, luminaire placement, and the lighting system's control elements.

However, as it is often just this complexity that makes planners and users alike leery of lighting management systems, in this section of the catalogue we rigorously adhere to the principle of simplicity.



### AMBIENTE

Light management systems for dynamic RGB lighting and daylight simulation

So here we will attempt to show you how genuinely easy it is to integrate efficient lighting management into a given lighting solution, regardless of the surroundings in which it is to be deployed.

So let's keep it simple right from the get-go by defining three lighting management categories, whose respective relevance is determined by application domain and planning approach: energy-saving daylight-dependent light management, management systems for lighting scenes, and light management systems for dynamic RGB lighting.



### PROFESSIONAL

Light management systems for multifunctional management of lighting groups and lighting scenes.

The graphic on the left provides a simplified overview of our lighting management systems. But if you'd like to learn more about this intriguing but in the final analysis easy to understand domain, we'll be more than happy to recommend background reading on the subject and to provide you with advice concerning your specific situation.

# QUALITY IS OUR WATCHWORD

For us, quality means making no compromises and carrying out our work in a precise, responsible and solution oriented manner.

A company that makes more than 20,000 top notch luminaires daily can only guarantee the achievement of consistent quality via one crucial factor: its own desire to get as close as humanly possible to perfection.

Each process step is subject to rigorous quality control, to which end we have been DIN ISO 9001 certified since 1996.

Our success has always been attributable to our willingness to continuously improve the quality of our products and the efficiency of our manufacturing processes. Plus we are not content to merely meet the prevailing standards: instead we set them worldwide..



# IT'S GOOD WHEN FORM FOLLOWS FUNCTION. BUT IT'S EVEN BETTER WHEN THE TWO HARMONIZE.

We feel strongly that one streamlined principle will open up myriad possibilities.

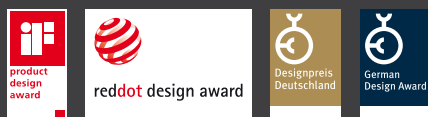
What may at first glance sound easy is in fact the greatest challenge of the product development process: for you can only break the rules if you already know them like the back of your hand. Only if you have mastered the essence can you bring about innovative and inventive change. And only then can you continuously rethink the relationship between form and function and in so doing create a genuinely distinctive interplay between lighting technology, efficiency and product design.

Over the past decade, our products have garnered more than 30 international design awards, including the German Design Prize and the German Design Award.

The success of our designs is largely attributable to our R&D department, which has a VDE certified lab and a design and innovation department; plus the fact that we often work with outside designers. All of this adds up to what can only be termed the priceless opportunity to shape the future of lighting.



In the catalogue, pay particular attention to luminaires with these logos:







## MONDANA®-HE

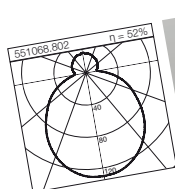
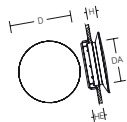
Semi-recessed ceiling and wall luminaires

Type of protection: **IP 65**  
Protection class: I

Protection class II upon request  
UGR index: < 19

Ceiling thickness: 10-30 mm

Base: plastic (polycarbonate), microtexture  
finish; diffuser: hand-blown opal glass, satin  
finish, or plastic (polyethylene), opal, satin  
finish. Diffuser fastening: threaded fitting.  
Semi-recessed housing for wall and ceiling  
installation: aluminium, powder-coated.  
Standard Gore™ Protective Vents diaphragm  
valve for reduction of condensation.  
Available colours: 2 = white



Moulded housing for  
installation in concrete  
walls, ceilings and facades  
is available for all recessed  
and semi-recessed versions  
of MONDANA.

Semi-recessed ceiling and wall luminaires		
Opal glass, satin finished	D 280 mm, recess opening	DA 185 mm, TE 90 mm
551047.922.79	D 280, H 68	1 x TC-DEL 10 W
Opal glass, satin finished	D 390 mm, recess opening	DA 310 mm, TE 96 mm
551060.862.79	D 390, H 67	1 x TC-F 24 W
551073.002*	D 390, H 67	1 x T16-R 22 W
Opal glass, satin finished	D 500 mm, recess opening	DA 390 mm, TE 100 mm
551071.802	D 500, H 78	1 x T16-R 22 W + 40 W
551072.002*	D 500, H 78	1 x T16-R 55 W

Diffuser: plastic	D 280 mm, recess opening	DA 185 mm, TE 90 mm
551050.922.79	D 280, H 70	1 x TC-DEL 10 W
Diffuser: plastic	D 440 mm, recess opening	DA 310 mm, TE 96 mm
551054.862.79	D 440, H 65	1 x TC-F 24 W
551070.002*	D 440, H 65	1 x T16-R 22 W
with movement sensor	D 440, H 65	1 x T16-R 22 W
551070.002.19	D 440, H 65	1 x T16-R 22 W + 40 W
Diffuser: plastic	D 550 mm, recess opening	DA 390 mm, TE 100 mm
551068.802	D 550, H 85	1 x T16-R 22 W + 40 W
551069.002*	D 550, H 85	1 x T16-R 55 W
with movement sensor	D 550, H 85	1 x T16-R 55 W
551069.002.19	D 550, H 85	1 x T16-R 55 W

\* With EB as standard

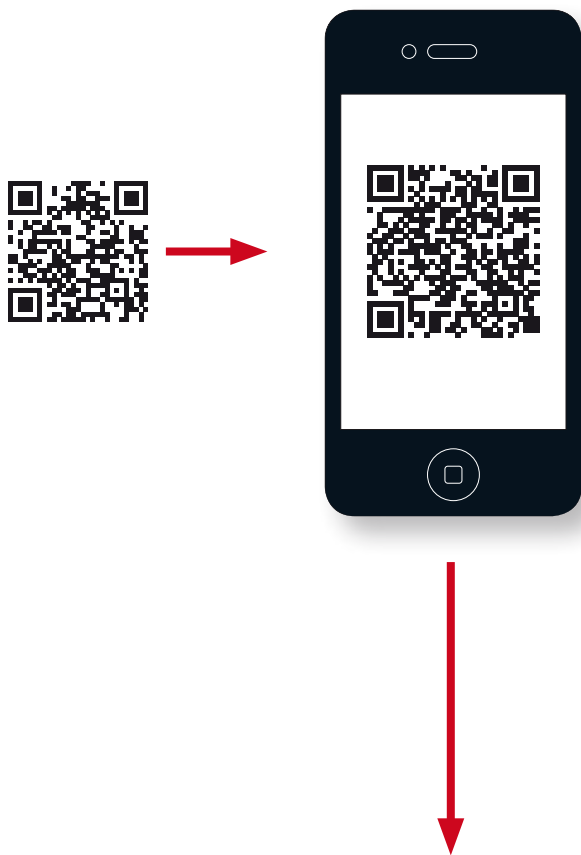


reddot design award  
honourable mention 2009



This catalogue contains complete information concerning the type, design, accessories, and dimensions of our entire portfolio of luminaires, while the QR codes provide instantaneous information concerning product variants, instruction manuals, and lighting calculations.

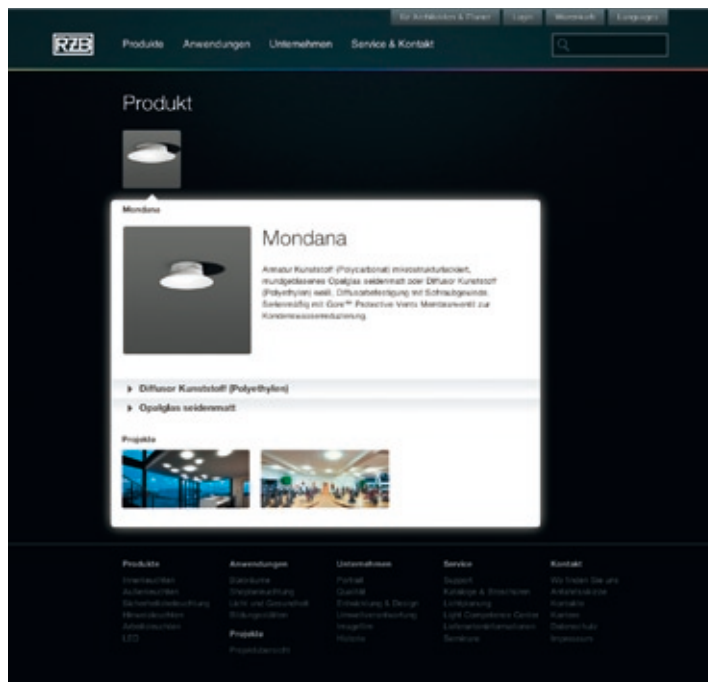




## QR CODES: LESS PAPER, MORE INFORMATION.

If you're going to claim that achieving the greatest possible efficiency goes without saying, you've also got to put your money where your mouth is by availing yourself of every opportunity to make all of your processes simpler, more economical, and more environmentally sustainable.

We do this through the use of quick response (QR) codes, which are assigned to each product family and can be readily scanned by your smartphone or tablet computer. This saves loads of paper and enables you to obtain the exact information you're looking for instantaneously.



For example, have a look at the catalogue page screenshot to the left. If you scan in the QR code that is indicated for our Mondana luminaires, your smartphone or tablet computer will show the picture you see to the left. And from there, you can call up additional product information, define bookmarks, and of course also navigate to other RZB website pages.

## WELCOME TO THE RZB WEBSITE

On our website you can find out everything you've ever wanted to know or ever will want to know about our products, from data sheets, to application domains, to case studies. Plus you'll find here a handy lighting calculation tool for your home, office or factory. And of course you can order samples, spare parts, products, and download our various catalogues.

And of course you can access our website via [www.rzb-lighting.com](http://www.rzb-lighting.com) or our QR codes.



## CATALOGUES AND BROCHURES: THE WORLD'S BEST PLANNING ASSISTANTS

The application domains and usage options of our luminaires and luminaires systems are as manifold as our product portfolio itself.

Our catalogues and brochures provide you with clearly structured information and are highly useful tools when it comes to planning your lighting systems. To this end, you'll find here a whole host of free of charge product brochures and catalogues in various languages.

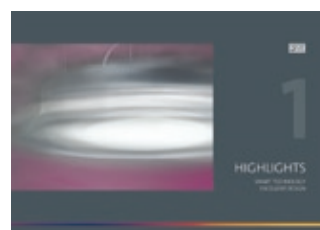
[www.rzb.de/en/services/catalogues-brochures](http://www.rzb.de/en/services/catalogues-brochures)



The RZB  
Product Selection Guide



Projects in Global  
Impressions



Highlights

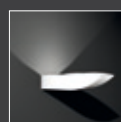
# INDOOR LIGHTING



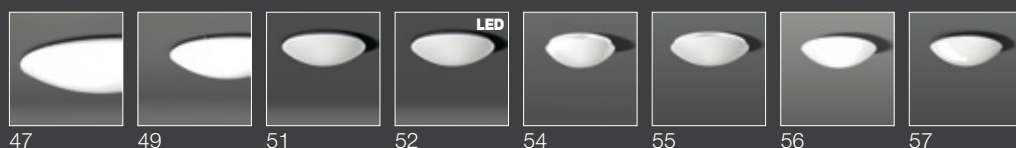
Recessed ceiling  
and wall luminaires



Wall luminaires



41

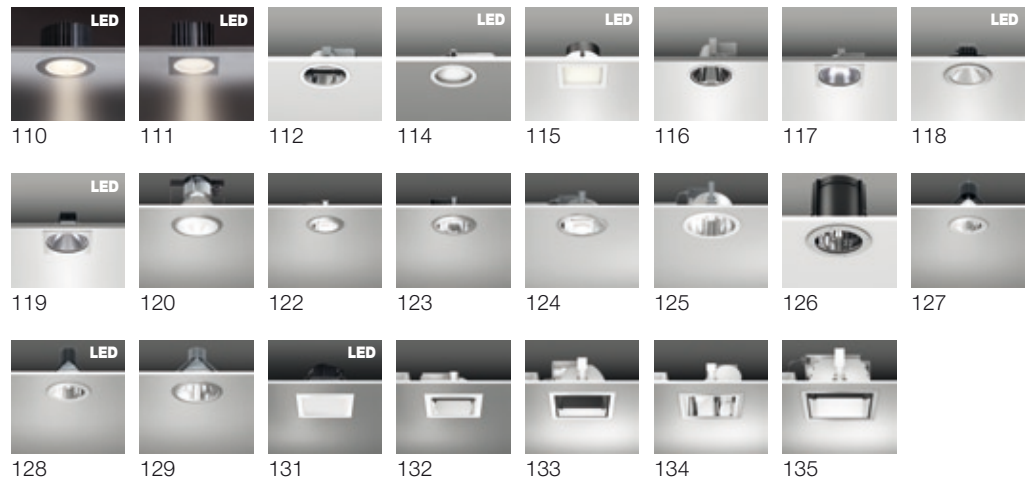


Ceiling and wall luminaires



# INDOOR LIGHTING

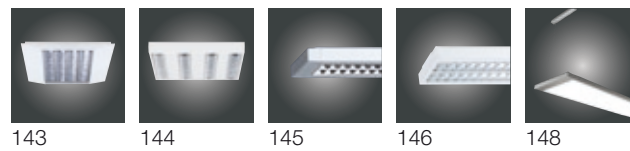
## Recessed downlights



## Surface mounted downlights



## Modular and linear luminaires, surface mounted and pendant luminaires



## Recessed projectors





# INDOOR LIGHTING

Surface mounted projectors



Pendant luminaires



# OUTDOOR LIGHTING

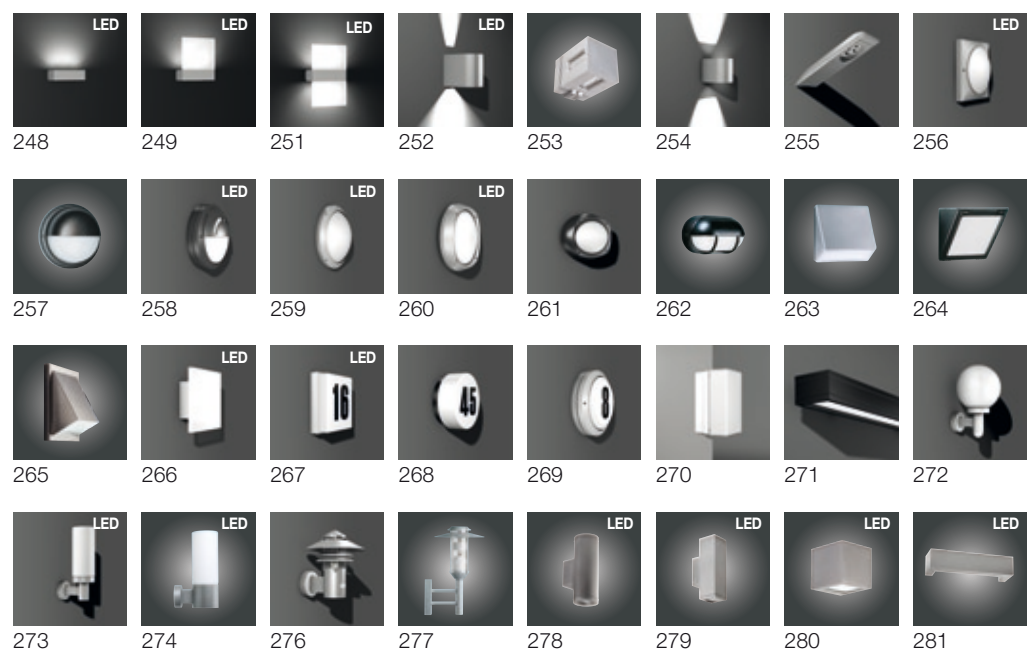
## Recessed luminaires



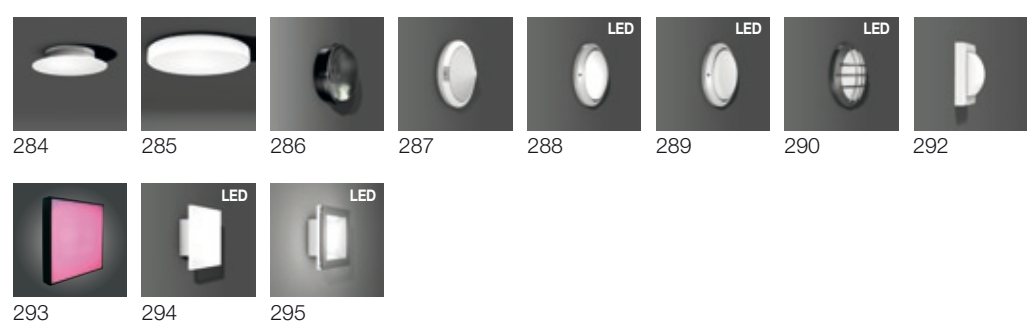
## Ceiling luminaires



## Wall luminaires



## Ceiling and wall luminaires



# OUTDOOR LIGHTING



Bollards



Spotlights

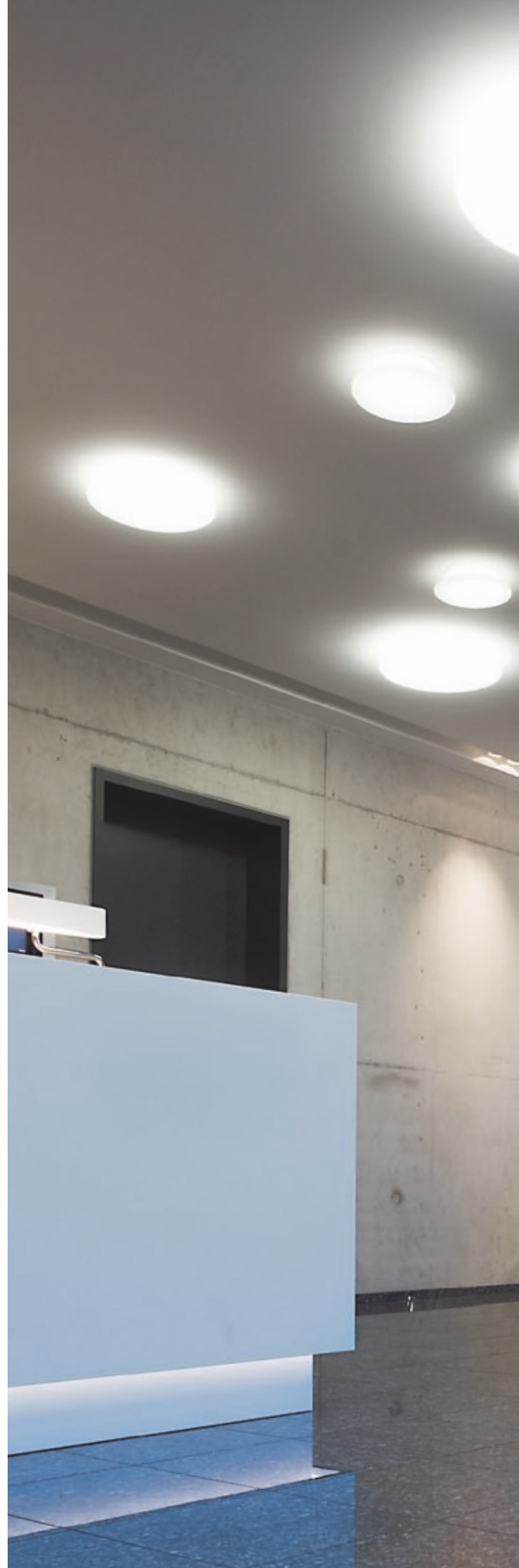
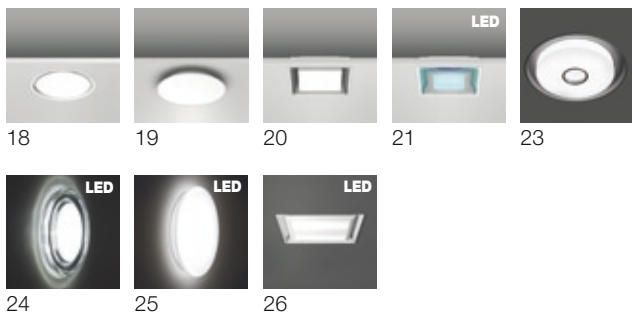


Outdoor pole luminaires

350-368

Appendix

# Recessed ceiling and wall luminaires







INDOOR LIGHTING | Recessed ceiling and wall luminaires



## THE INCREDIBLE LIGHTNESS OF BEING

The MONDANA, which was designed by Hartmut S. Engel, combines the gentle direct light of the ultra-thin matt diffuser with very intelligently designed reflections – thus creating a playful lightness of light and form in a weightless, almost sensual dance.



## MONDANA®-E

Recessed ceiling and wall luminaires

Type of protection: **IP 65**

Protection class: I

Protection class II upon request

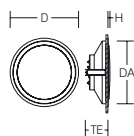
UGR index: < 19

Ceiling thickness: 10-30 mm

Base: plastic (polycarbonate), microtexture finish; diffuser: hand-blown opal glass, satin finish, or plastic (polyethylene), opal, satin finish. Diffuser fastening: threaded fitting. Housing for recessed wall and ceiling installation: aluminium, powder-coated.

Standard Gore™ Protective Vents diaphragm valve for reduction of condensation.

Available colours: 2 = white



Further luminaires of this series, see:

Outdoor lighting | Ceiling and wall luminaires



### Recessed ceiling and wall luminaires

**Glass: opal, satin finish D 280 mm, recess opening DA 325 mm, TE 120 mm**  
551029.922.12\* D 352, H 2 1 x TC-DEL 10 W

**Diffuser: plastic D 280 mm, recess opening DA 325 mm, TE 120 mm**

551030.922.12\* D 352, H 2 1 x TC-DEL 10 W

**Diffuser: plastic D 440 mm, recess opening DA 505 mm, TE 120 mm**

551032.862.12\* D 530, H 2 1 x TC-F 24 W

551065.002.12\* D 530, H 2 1 x T16-R 22 W

**with movement sensor**

551065.002.12.19\* D 530, H 2 1 x T16-R 22 W

**Diffuser: plastic D 550 mm, recess opening DA 625 mm, TE 140 mm**

551066.802.12 D 650, H 2 1 x T16-R 22 W + 40 W

551067.002.12\* D 650, H 2 1 x T16-R 55 W

**with movement sensor**

551067.002.12.19\* D 650, H 2 1 x T16-R 55 W

\* With EB as standard

Moulded housing for installation in concrete walls, ceilings and facades is available for all recessed and semi-recessed versions of MONDANA.



red dot design award  
honourable mention 2009



NOMINIERT





## MONDANA®-HE

Semi-recessed ceiling and wall luminaires

Type of protection: **IP 65**

Protection class: I

Protection class II upon request

UGR index: < 19

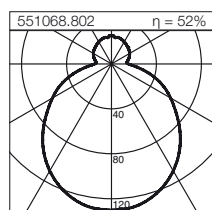
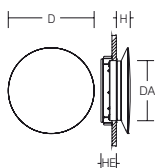
Ceiling thickness: 10-30 mm

Base: plastic (polycarbonate), microtexture finish; diffuser: hand-blown opal glass, satin finish, or plastic (polyethylene), opal, satin finish. Diffuser fastening: threaded fitting.

Semi-recessed housing for wall and ceiling installation: aluminium, powder-coated.

Standard Gore™ Protective Vents diaphragm valve for reduction of condensation.

Available colours: 2 = white



Moulded housing for installation in concrete walls, ceilings and facades is available for all recessed and semi-recessed versions of MONDANA.



### Semi-recessed ceiling and wall luminaires

**Opal glass, satin finished D 280 mm, recess opening DA 185 mm, TE 90 mm**

551047.922.79 D 280, H 68 1 x TC-DEL 10 W

**Opal glass, satin finished D 390 mm, recess opening DA 310 mm, TE 96 mm**

551060.862.79 D 390, H 57 1 x TC-F 24 W

551073.002\* D 390, H 57 1 x T16-R 22 W

**Opal glass, satin finished D 500 mm, recess opening DA 390 mm, TE 100 mm**

551071.802 D 500, H 78 1 x T16-R 22 W + 40 W

551072.002\* D 500, H 78 1 x T16-R 55 W

**Diffuser: plastic D 280 mm, recess opening DA 185 mm, TE 90 mm**

551050.922.79 D 280, H 70 1 x TC-DEL 10 W

**Diffuser: plastic D 440 mm, recess opening DA 310 mm, TE 96 mm**

551054.862.79 D 440, H 65 1 x TC-F 24 W

551070.002\* D 440, H 65 1 x T16-R 22 W

**with movement sensor**

551070.002.19 D 440, H 65 1 x T16-R 22 W

**Diffuser: plastic D 550 mm, recess opening DA 390 mm, TE 100 mm**

551068.802 D 550, H 85 1 x T16-R 22 W + 40 W

551069.002\* D 550, H 85 1 x T16-R 55 W

**with movement sensor**

551069.002.19 D 550, H 85 1 x T16-R 55 W

\* With EB as standard



reddot design award  
honourable mention 2009



NOMINIERT

.79 = With EB | .Q = Quick service (stock articles)

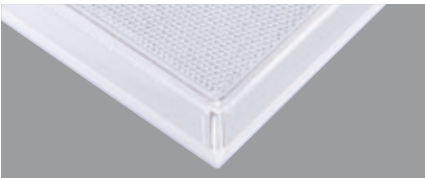
Specifications subject to alteration. Other options and accessories can be found in the current product selection guide or in the Internet under [www.rzb-lighting.com](http://www.rzb-lighting.com)



Front side: opal



Front side: transparent, prismatic inside



# QUADRANA®

Recessed ceiling and wall luminaires

Type of protection: **IP 65**

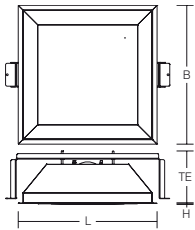
Protection class: I

Ceiling thickness: 10-30 mm

Base: die-cast aluminium, powder-coated;  
diffuser: plastic (PMMA) two-piece, opal  
or transparent, prismatic inside. Diffuser  
fastening: toggles. Recessed housing  
for installation in cavity walls and ceilings:  
metal, powder-coated, white.

Standard Gore™ Protective Vents diaphragm  
valve for reduction of condensation.

Available colours: 2 = white



## Recessed ceiling and wall luminaires

**Recess opening 390 x 390 mm, TE 130 mm**

**Diffuser: plastic, opal, front side opal**

311482.842.12.79	L 420, B 420, H 2	1 x TC-TEL	18 W
311493.842.12.79*	L 420, B 420, H 2	2 x TC-TEL	18 W

**Diffuser: plastic, opal, front side: transparent, prismatic inside**

311496.842.12.79	L 420, B 420, H 2	1 x TC-TEL	18 W
311499.842.12.79*	L 420, B 420, H 2	2 x TC-TEL	18 W

\* External EB

## Accessories

**Moulded housing for installation in concrete**

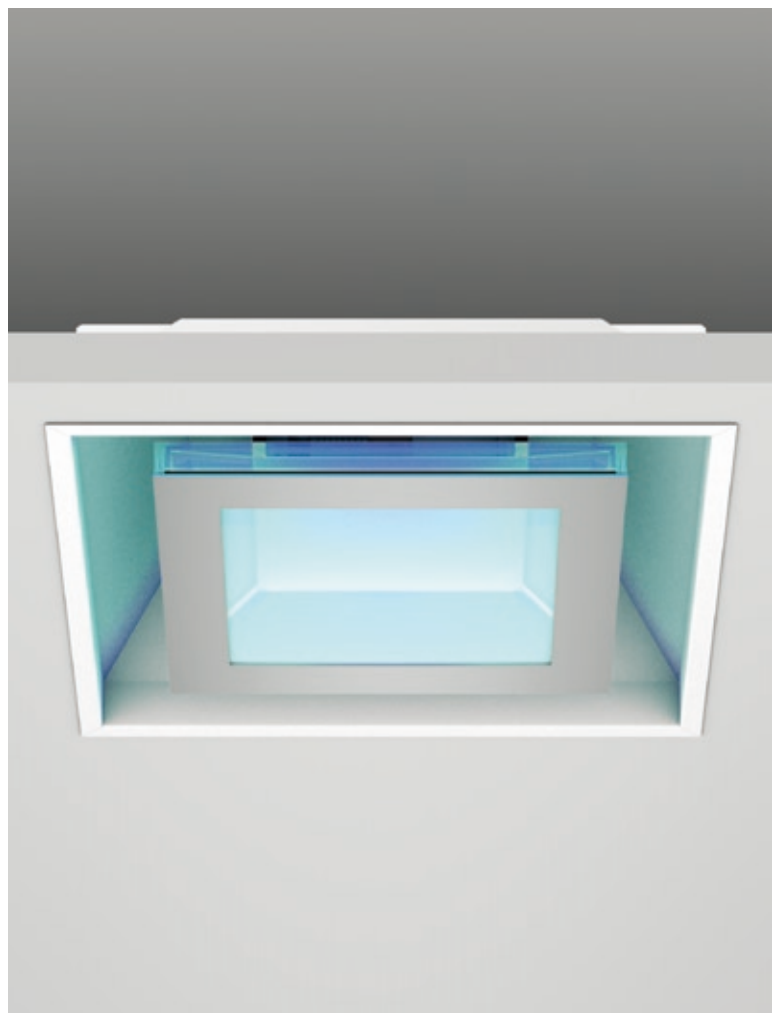
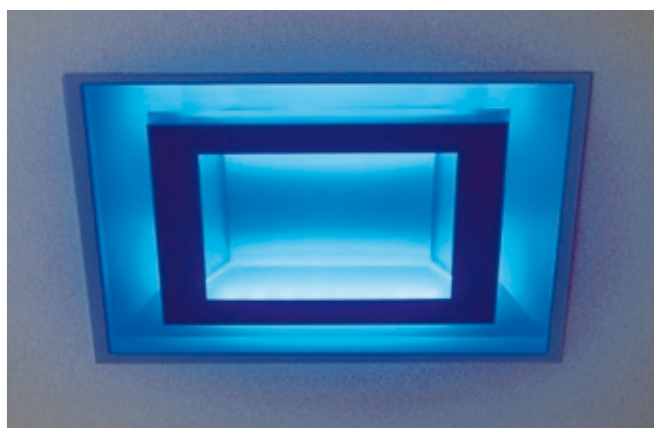
981638.002	L 439, B 439, H 140
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Further luminaires  
of this series, see:  
Indoor lighting |  
Ceiling and  
wall luminaires

## LIGHT SQUARED, GRACE RAISED TO THE POWER OF TWO

Hartmut S. Engel, the chief designer for our QUADRANA line, has a sure feel for minimal design and new forms of expression; and thus it's no surprise that the QUADRANA is a masterpiece of lighting aesthetics, whose captivating interplay of direct and indirect light makes the QUADRANA both an object and experience. Grace is a quality which, when translated into a geometric form, surely resembles this completed square of light.



## QUADRANA® LIGHT SPACE

Recessed ceiling and wall luminaires

Type of protection: **IP 65**

Protection class: I

Ceiling thickness: 10-30 mm

Base: die-cast aluminium, powder-coated; diffuser: plastic (PMMA), two-piece. Front frame: stainless steel, brushed, or white. Diffuser fastening: toggles. Recessed housing for installation in cavity walls and ceilings. With 16 LED and electronic constant power supply.

Standard Gore™ Protective Vents diaphragm valve for reduction of condensation.

Available LED colour:

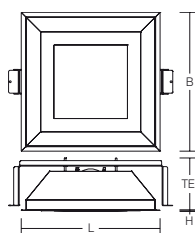
blue - Front frame: stainless steel, brushed

white - Front frame: stainless steel, white

LED included.

Available colours: 2 = white

**LED**



### Recessed ceiling and wall luminaires

Recess opening 390 x 390 mm, TE 130 mm

Diffuser: plastic, opal, front side: transparent

311484.002.12	L 420, B 420, H 2	16 x LED 1,2 W blue
311511.002.12	L 420, B 420, H 2	16 x LED 1,2 W 5400 K

Diffuser: plastic, opal, front side: transparent, prismatic inside

311498.002.12	L 420, B 420, H 2	16 x LED 1,2 W blue
311512.002.12	L 420, B 420, H 2	16 x LED 1,2 W 5400 K

### Accessories

Moulded housing for installation in concrete

981638.002	L 439, B 439, H 140
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Further luminaires of this series, see:  
Indoor lighting |  
Ceiling and wall luminaires





## IN THE CIRCLE OF LIGHT

Our DOUALA luminaires appear to float and in so doing capture your attention. They make a seamless transition from satin-finish opal glass to brushed stainless steel and back again. It's hard to decide which is more impressive: the DOUALA's sophisticated hybrid technology, which combines diffuse light with a downlight; or this imposing circle in and of itself, where stainless steel and glass meld impeccably and which is much more than a mere luminaire.



reddot design award  
winner 2010



## DOUALA

Recessed and semi-recessed ceiling and wall luminaires

Type of protection: **IP 40**

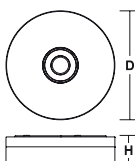
Protection class: I

Base: brushed stainless steel. Mouth-blown, 3-layer opal glass, satin finish. Fastening: patent-pending spring system.

LED included.

Available colours: 0 = stainless steel, brushed

**For ceiling-recessed and wall-recessed applications the corresponding recess housing must be ordered separately.**



### Ceiling and wall luminaires

#### Diameter D 300 mm

311560.000	D 300, H 95	LED 30 W 3000 K / 2100 lm
311560.000.1	D 300, H 95	LED 30 W 4000 K / 2100 lm

#### Diameter D 400 mm

311566.000.1 **	D 400, H 102	LED 45 W 3000 K / 3500 lm
311566.000.2 **	D 400, H 102	LED 45 W 4000 K / 3500 lm
311519.000 .Q *	D 400, H 102	1 x T16-R 22 W + 40 W

#### with recessed downlight

311520.000 *	D 400, H 102	1 x T16-R 22 W + 40 W + 1 x LED 9 W 3000 K
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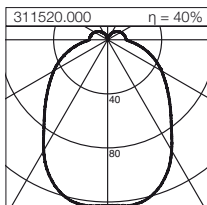
\* Dimmable versions are available upon request

\*\* Version with LED 75 W/6000 lm in preparation



Further luminaires of this series, see:

Indoor lighting | Ceiling and wall luminaires,  
Pendant luminaires



### Accessories | Moulded housing for cavity walls

Lacquered aluminium housing for installation in cavity walls of 15-35 mm wall thickness.

#### Recessed housing

##### Recess opening DA 438 mm

981893.000	D 454, HE 118	for luminaires D 300
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##### Recess opening DA 510 mm

981762.000	D 524, HE 130	for luminaires D 400
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#### Semi-recessed housing

##### Recess opening DA 312 mm

981892.000	D 326, HE 88	for luminaires D 300
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##### Recess opening DA 413 mm

981907.000	D 426, HE 88	for luminaires D 400
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.79 = With EB | .Q = Quick service (stock articles)

Specifications subject to alteration. Other options and accessories can be found in the current product selection guide or in the Internet under [www.rzb-lighting.com](http://www.rzb-lighting.com)



The DOUALA KRISTALL is a crystal-clear, luminous and appealing luminaire that is also a stylish design element that pays homage to one of the most harmonious forms in nature: the circle.

Left: Semi-recessed luminaire,  
Right: Recessed luminaire



## DOUALA KRISTALL

Recessed and semi-recessed ceiling and wall luminaires

Type of protection: **IP 40**  
Protection class: I

**LED**

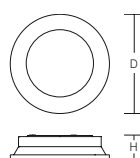
Base: stainless steel, brushed; crystal glass: matt inside. Glass fastening: patented spring system.

For ceiling and wall mounting: recessed housing, aluminium.

LED included.

Available colours: 0 = stainless steel, brushed

**For ceiling-recessed and wall-recessed applications the corresponding recess housing must be ordered separately.**



### Recessed ceiling and wall luminaires

311531.000	D 350, H 95	LED 30 W 4000 K / 2100 lm
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### Accessories | Moulded housing for cavity walls

Lacquered aluminium housing for installation in cavity walls of 15-35 mm wall thickness.

### Recessed housing

#### Recess opening DA 438 mm

981893.000	D 454, HE 118	for luminaires D 350
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### Semi-recessed housing

#### Recess opening DA 312 mm

981892.000	D 326, HE 88	for luminaires D 350
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Further luminaires of this series, see:

Indoor lighting | Ceiling and wall luminaires,  
Pendant luminaires







## DOUALA WHITE

Recessed and semi-recessed ceiling and wall luminaires

Type of protection: **IP 40**

Protection class: I

Base: brushed stainless steel. Hand-blown triple-layer opal glass, satin finish. Patented spring fastening system.

LED included.

Available colours: 0 = stainless steel, brushed

**For ceiling-recessed and wall-recessed applications the corresponding recess housing must be ordered separately.**

**LED**



### Ceiling and wall luminaires

#### Diameter D 350 mm

311533.000	D 350, H 95	LED 30 W 3000 K / 2100 lm
311533.000.1	D 350, H 95	LED 30 W 4000 K / 2100 lm

#### Diameter D 460 mm

311537.000 **	D 460, H 105	LED 45 W 3000 K / 3500 lm
311537.000.1 **	D 460, H 105	LED 45 W 4000 K / 3500 lm
311535.000 *	D 460, H 105	1 x T16-R 22 W + 1 x T16-R 55 W

\* Dimmable versions are available upon request

\*\* Version with LED 75 W/6000 lm in preparation

### Accessories | Moulded housing for cavity walls

Lacquered aluminium housing for installation in cavity walls of 15-35 mm wall thickness.

#### Recessed housing

##### Recess opening DA 438 mm

981893.000	D 454, HE 118	for luminaires D 350
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##### Recess opening DA 510 mm

981762.000	D 524, HE 130	for luminaires D 460
------------	---------------	----------------------

#### Semi-recessed housing

##### Recess opening DA 312 mm

981892.000	D 326, HE 88	for luminaires D 350
------------	--------------	----------------------

##### Recess opening DA 413 mm

981907.000	D 426, HE 88	for luminaires D 460
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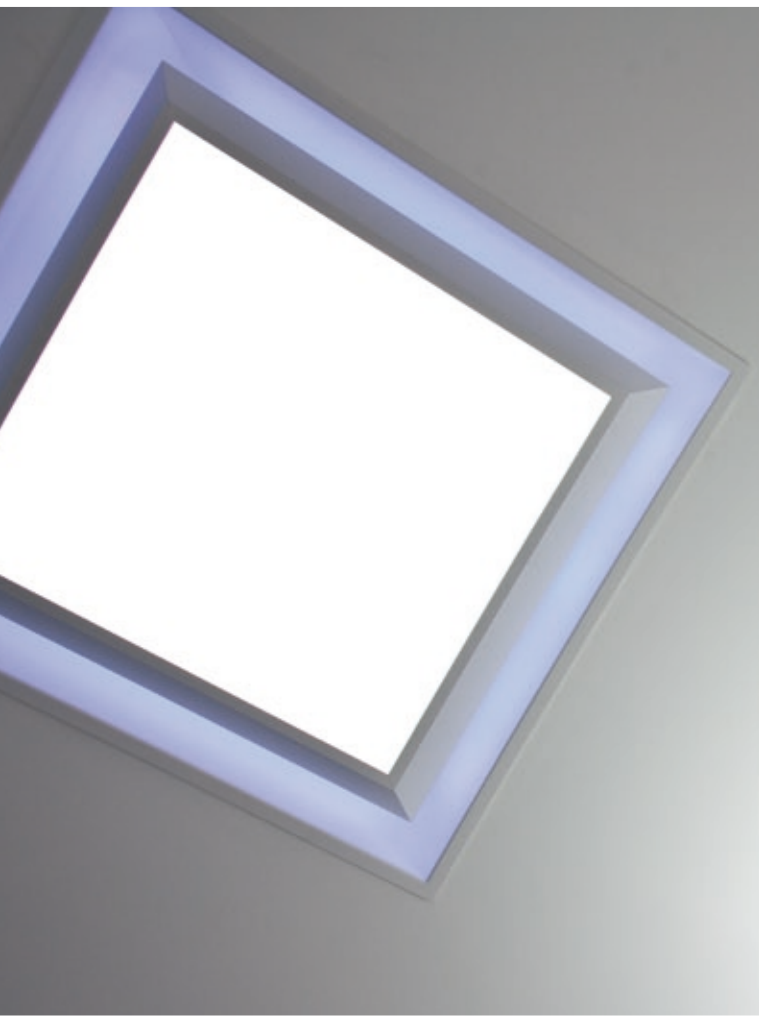
Further luminaires of this series, see:

Indoor lighting | Ceiling and wall luminaires,  
Pendant luminaires



.79 = With EB | .Q = Quick service (stock articles)

Specifications subject to alteration. Other options and accessories can be found in the current product selection guide or in the Internet under [www.rzb-lighting.com](http://www.rzb-lighting.com)



## LIGHTING AESTHETICS FOR A FEELING OF WELL BEING

Imagine how it would be if you could fill a room with natural daylight regardless of the position of the sun. Simulating this delicious outdoor feeling using artificial light creates a tremendous feeling of well being. And imagine how it would be if you had at your disposal a whole series of luminaires whose simplicity, accessories and versatility allowed you to position the lights just about anywhere you want in a given room. Well, this lighting solution already exists. It's called the ECONE.



## ECONE® HYBRID

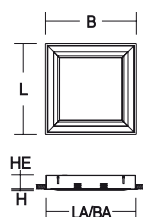
Recessed ceiling and wall luminaires

Type of protection: IP 20  
Protection class: I

**LED**

Housing: sheet steel, powder-coated; diffuser: plastic (PMMA), opal; additional light frame with RGB LED or with warm white fluorescent lamp; in-built electronic ballast. Anodised metal housing for installation into cavity walls and ceilings.

Available colours: 2 = white



### Recessed ceiling and wall luminaires Recess opening 825 x 825 mm, TE 150 mm RGB light frame

#### DALI / DMX control system

901251.982 L 845, B 845, H 2 4 x TC-L 26 W  
+ 120 x LED 0,2 W RGB

#### DALI / EIB control system

901257.982 L 845, B 845, H 2 4 x TC-L 26 W  
+ 120 x LED 0,2 W RGB

#### DALI / Radio control system

901251.982.73\* L 845, B 845, H 2 4 x TC-L 26 W  
+ 120 x LED 0,2 W RGB

### White light frame

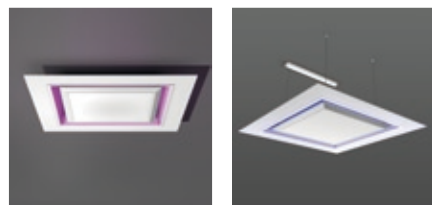
#### DALI / DALI control system

901259.982 L 845, B 845, H 2 4 x TC-L 40 W + 4 x T16  
(T5) 14/24 W

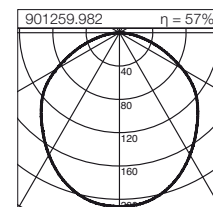
\* Colour sequence can be adjusted via remote control (remote control must be ordered separately).

Further luminaires of this series, see:

Indoor lighting | Ceiling and wall luminaires,  
Pendant luminaires



reddot design award  
best of the best 2012





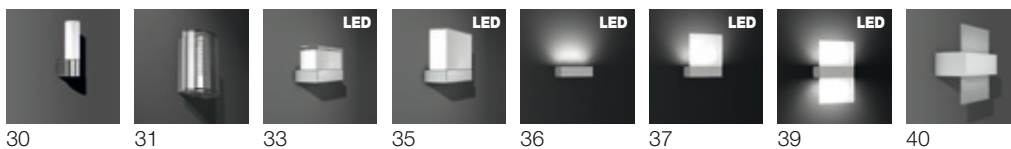
reddot design award  
best of the best 2012





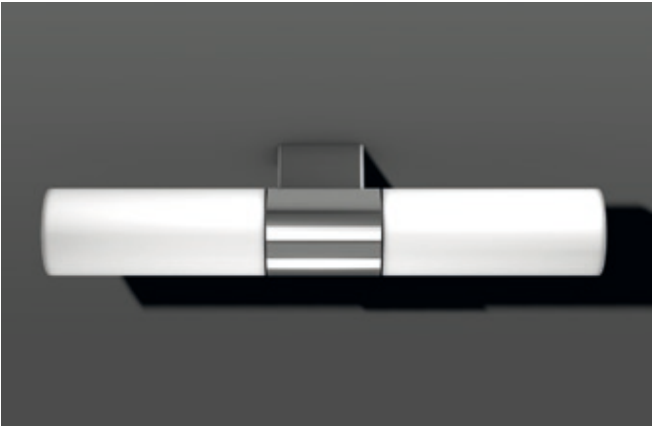


# Wall luminaires





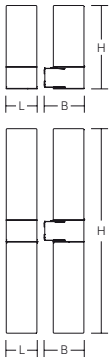
Luminaire with two lamps, can be mounted horizontally



# MENOS CLASSIC

Wall luminaires

Type of protection: IP 20  
Protection class: I = TC-Lp, II = E27  
Base: metal, chrome-plated, Opal glass:  
mouth blown, satin finish, Diffuser fastening:  
bayonet fixing, with TC-Lp EB incorporated.  
Available colours: 44 = chrome, smooth finish



Wall luminaires		
with one lamp		
621083.0044	L 120, B 80, H 280	1 x E27®, QT32 60 W
621083.9644.79	L 120, B 80, H 280	1 x TC-DEL, TC-TEL 18 W
with two lamps, can be mounted horizontally		
621084.0044	L 120, B 80, H 500	2 x E27®, QT32 60 W
621084.9644.79	L 120, B 80, H 500	2 x TC-DEL, TC-TEL 18 W



## CYL BASIC

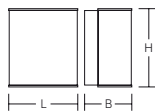
Wall luminaires

Type of protection: **IP 40**

Protection class: I

Base: metal, white, powder-coated. Housing: metal, mirror finish. Diffuser: plastic.

Available colours: 44 = chrome, smooth finish



### Wall luminaires

Diffuser: plastic, transparent

Antiglare screen: perforated metal, mirror finish

631086.2244\* L 205, B 140, H 230 1 x TC-TEL 42 W

Diffuser: plastic, opal

631087.2244\* L 205, B 140, H 230 1 x TC-TEL 42 W

\* With EB as standard



Further luminaires  
of this series, see:  
Indoor lighting |  
Surface mounted  
downlights,  
Pendant luminaires

.79 = With EB | .Q = Quick service (stock articles)

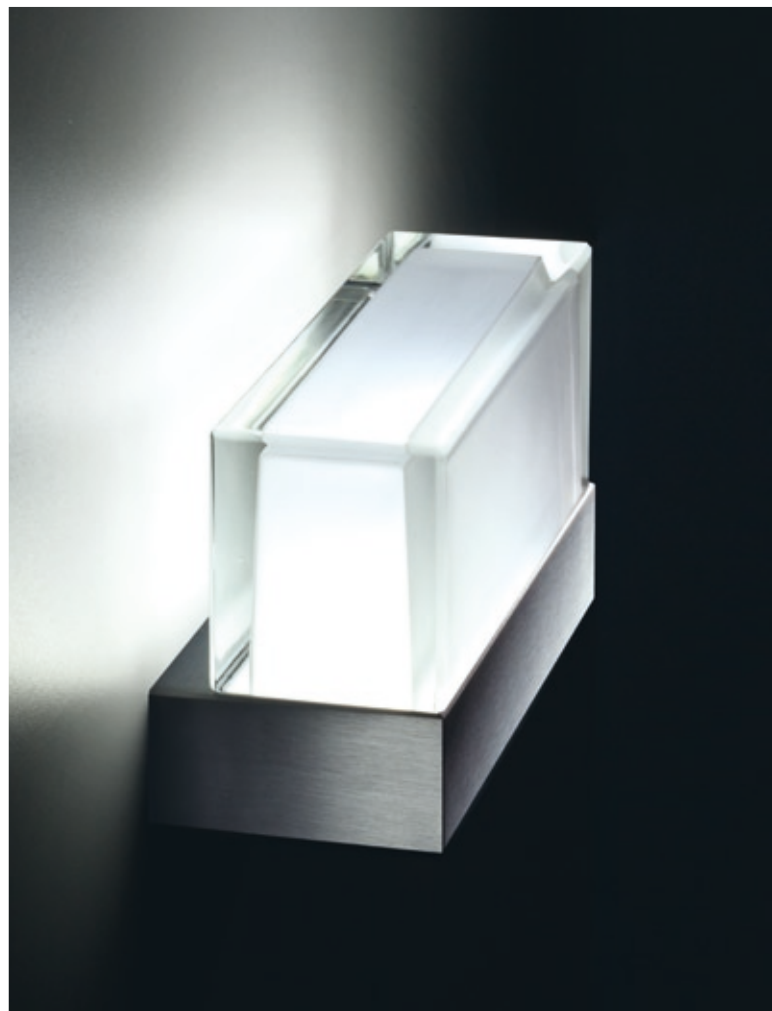
Specifications subject to alteration. Other options and accessories can be found in the current product selection guide or in the Internet under [www.rzb-lighting.com](http://www.rzb-lighting.com)





## THE SOUL OF THE LIGHT

When the point is reached where nothing else can be dispensed with, we speak in terms of completion – a minimalistic principle from the design and other spheres that is impressively realized in our COROS luminaires, each of whose cubes is a graphic statement that appears to accommodate the soul of the light. The contemporary and versatile quality of these luminaires is attributable to the exceptionally successful combination of matt finishes and crystal edges.



## COROS® KRISTALL

Wall luminaires

Type of protection: IP 20

Protection class: I

**LED**

Base: aluminium with brushed stainless steel finish. Cubic crystal glass: transparent, frosted inside. Glass fastening: spring system.

LED included.

Available colours: 0 = stainless steel, brushed



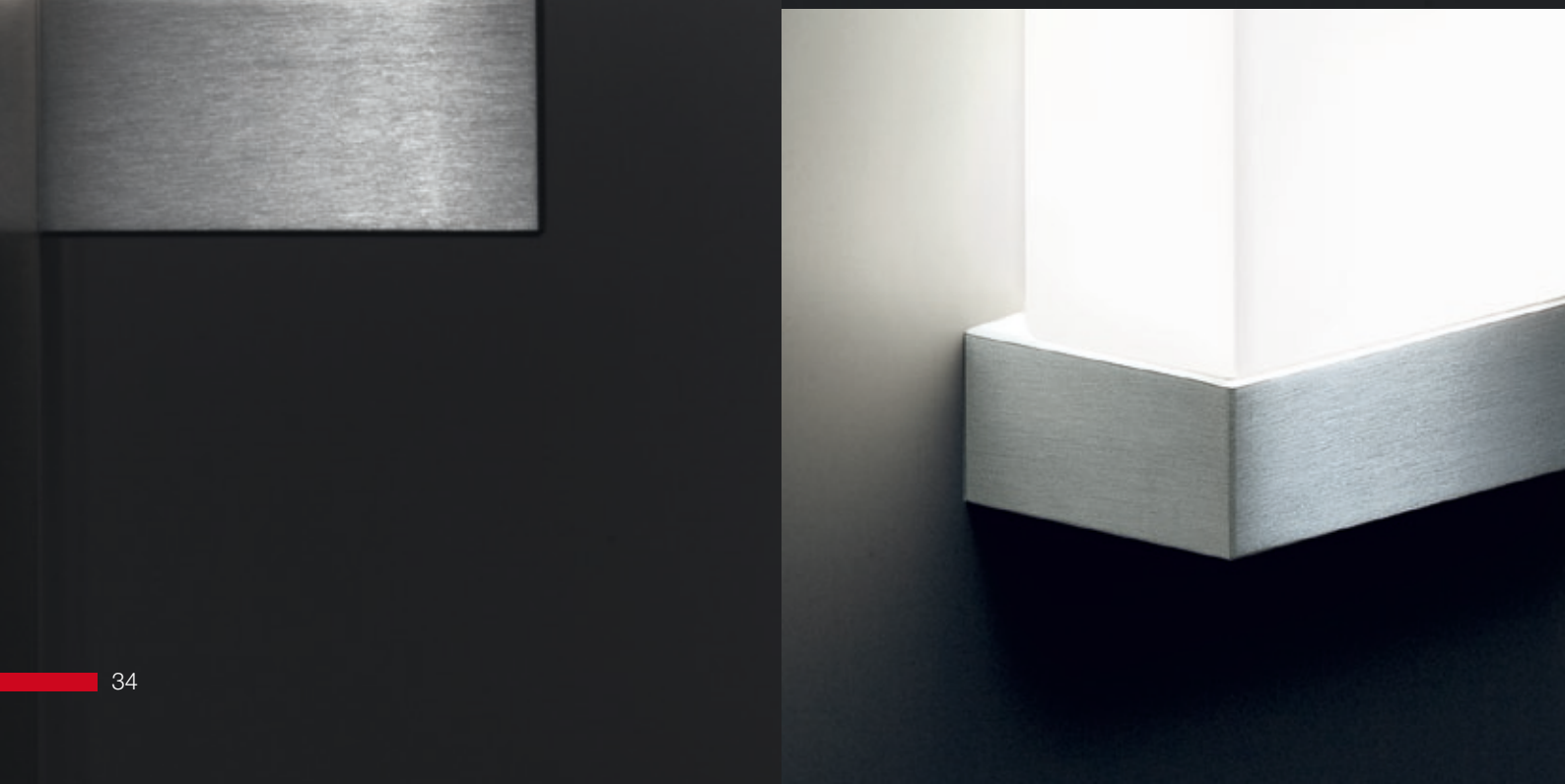
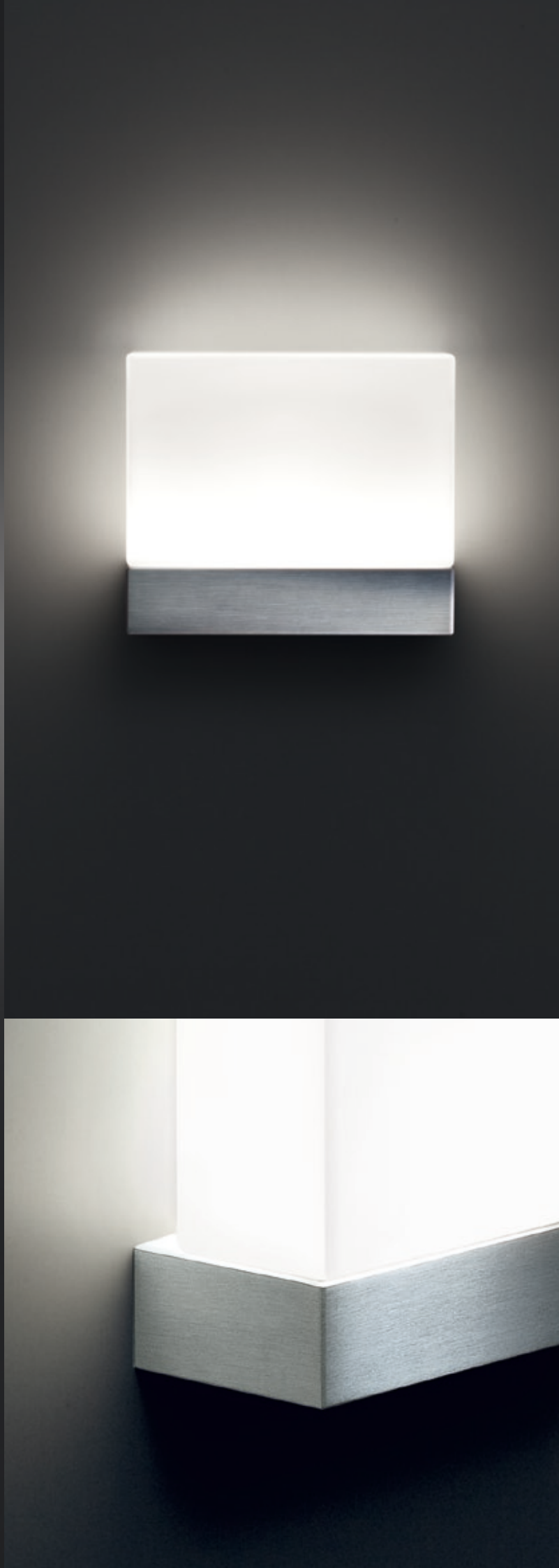
### Wall luminaires

621085.000	L 200, B 82, H 115	LED 24 W 4000 K
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reddot design award  
winner 2011







## COROS® WHITE

Wall luminaires

Type of protection: IP 20

Protection class: I

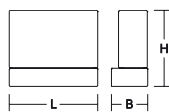
Base: aluminium, brushed steel finish;  
cubic mouth-blown opal glass, satin finish.

Glass fastening: spring system.

LED included.

Available colours: 0 = stainless steel, brushed

**LED**



### Wall luminaires

621086.002	L 200, B 82, H 171	LED 24 W 3000 K
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PLANIA light profile: The beauty of historical façades highlighted by effective detailed illumination using LED lighting technology that consumes very little energy



## PLANIA® LIGHT PROFILE

Wall luminaires

Type of protection: **IP 65**

Protection class: I

**LED**



Base: aluminium extrusion profile. End caps: plastic. Light emission: on one or both sides.

LED included.

Available LED colours:  
white (6500 K), warm white (3050 K)

Other colours available on request:  
blue, green, cyan, royal blue, red, amber

Available colours (X):  
2 = white, 4 = silver metallic

Please replace X of the item no. with the requested colour code.

Series Plania is also available as Mono and Twin version.

Wall extension: stainless steel/aluminium. For light profiles with L 750 mm and L 970 mm two wall extensions are needed. For light profiles with L 250 mm and L 350 mm only one wall extension is needed.

Available colour: 31 = anthracite metallic



### Plania® light profile

#### L 250 mm

##### Light emission on one side

631198.00X	L 250, B 92, H 70	3 x LED	1,1 W 6500 K
631254.00X	L 250, B 92, H 70	3 x LED	1,1 W 3050 K

##### Light emission on two sides

631221.00X	L 250, B 92, H 70	6 x LED	1,1 W 6500 K
631256.00X	L 250, B 92, H 70	6 x LED	1,1 W 3050 K

#### L 350 mm

##### Light emission on one side

631200.00X	L 350, B 92, H 70	4 x LED	1,1 W 6500 K
631258.00X	L 350, B 92, H 70	4 x LED	1,1 W 3050 K

##### Light emission on two sides

631223.00X	L 350, B 92, H 70	8 x LED	1,1 W 6500 K
631260.00X	L 350, B 92, H 70	8 x LED	1,1 W 3050 K

#### L 750 mm

##### Light emission on one side

631217.00X	L 750, B 92, H 70	12 x LED	1,1 W 6500 K
631262.00X	L 750, B 92, H 70	12 x LED	1,1 W 3050 K

#### L 970 mm

##### Light emission on one side

631264.00X	L 970, B 90, H 69	16 x LED	1 W 3050 K
631219.00X	L 970, B 90, H 70	16 x LED	1 W 6500 K

### Accessories

#### Wall extension

##### can be tilted and adjusted in length

981737.0031	Swivel range: 20°/45°	Extension: 170-250 mm
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##### can be tilted

981736.0031	Swivel range: 20°/45°
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## PLANIA® MONO

Wall luminaires



Type of protection: **IP 65**

Protection class: I

Base: aluminium extrusion profile. End caps: plastic. Light projection surface: plastic (PMMA), satin finish, one-sided. Light emission: on both sides.

LED included.

Available LED colours:

white (6500 K), warm white (3050 K)

Other colours available on request:

blue, green, cyan, royal blue, red, amber

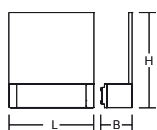
**.1 = Plania® Display (incl. inscription on the display panel) Please indicate inscription when ordering.**

Available colours (X):

2 = white, 4 = silver metallic

Please replace X of the item no. with the requested colour code.

**LED**



### Plania® Mono

#### Light emission on two sides

##### L 250 mm

631160.00X	L 250, B 92, H 280	4 x LED 1,1 W 6500 K
631160.00X.1	L 250, B 92, H 280	4 x LED 1,1 W 6500 K
631266.00X	L 250, B 92, H 280	4 x LED 1,1 W 3050 K
631266.00X.1	L 250, B 92, H 280	4 x LED 1,1 W 3050 K

##### L 350 mm

631161.00X	L 350, B 92, H 380	8 x LED 1,1 W 6500 K
631161.00X.1	L 350, B 92, H 380	8 x LED 1,1 W 6500 K
631268.00X	L 350, B 92, H 380	8 x LED 1,1 W 3050 K
631268.00X.1	L 350, B 92, H 380	8 x LED 1,1 W 3050 K



#### Light emission on one side

##### L 750 mm

631168.00X	L 750, B 92, H 280	18 x LED 1,1 W 6500 K
631270.00X	L 750, B 93, H 281	18 x LED 1,1 W 3050 K

##### L 970 mm

631169.00X	L 970, B 92, H 280	24 x LED 1,1 W 6500 K
631272.00X	L 970, B 92, H 280	24 x LED 1,1 W 3050 K

Other lengths and dimensions are available upon request.



Series Plania is also available as light profile and Twin version.

.79 = With EB | .Q = Quick service (stock articles)

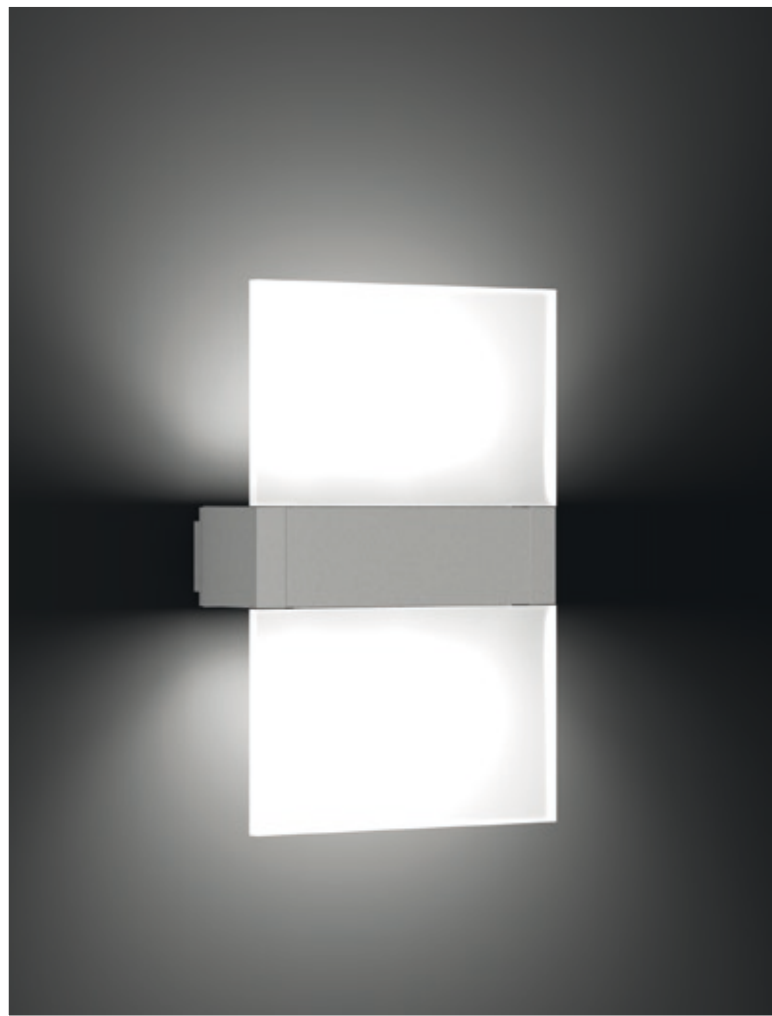
Specifications subject to alteration. Other options and accessories can be found in the current product selection guide or in the Internet under [www.rzb-lighting.com](http://www.rzb-lighting.com)





## A CHAMELEON ENDOWED WITH COMMUNICATION SKILLS

Our PLANIA luminaires are incredibly beautiful, while also providing a communication platform. These luminaires create an exquisite interplay between direct and indirect light and in so doing provide both light and information; plus they are the perfect fit for just about any application. PLANIA luminaires can be used for background or decorative lighting, or can be integrated into an existing building or decor as an additional design element. Designed by Hartmut S. Engel, the PLANIA establishes a connection between the effect and added value of illumination that is in a class of its own.



## PLANIA® TWIN

Wall luminaires

Type of protection: **IP 65**

Protection class: I

Base: aluminium extrusion profile. End caps: plastic, grey. Light projection surface: plastic (PMMA), satin finish. Light emission: on both sides.

LED included.

Available LED colours:  
daylight white (6500 K), warm white (3050 K)

Other colours available on request:  
blue, green, cyan, royal blue, red, amber

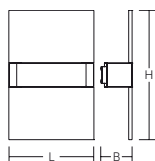
**.1 = Plania® Display (incl. inscription on the display panel) Please indicate inscription when ordering.**

Available colours (X):

2 = white, 4 = silver metallic

Please replace X of the item no. with the requested colour code.

**LED**



### Plania® Twin

Light emission on two sides

#### L 250 mm

631162.00X L 250, B 92, H 380 6 x LED 1,1 W 6500 K

631274.00X L 250, B 92, H 380 6 x LED 1,1 W 3050 K

#### L 350 mm

631163.00X L 350, B 92, H 490 12 x LED 1,1 W 6500 K

631276.00X L 350, B 92, H 490 12 x LED 1,1 W 3050 K

Other lengths and dimensions are available upon request.

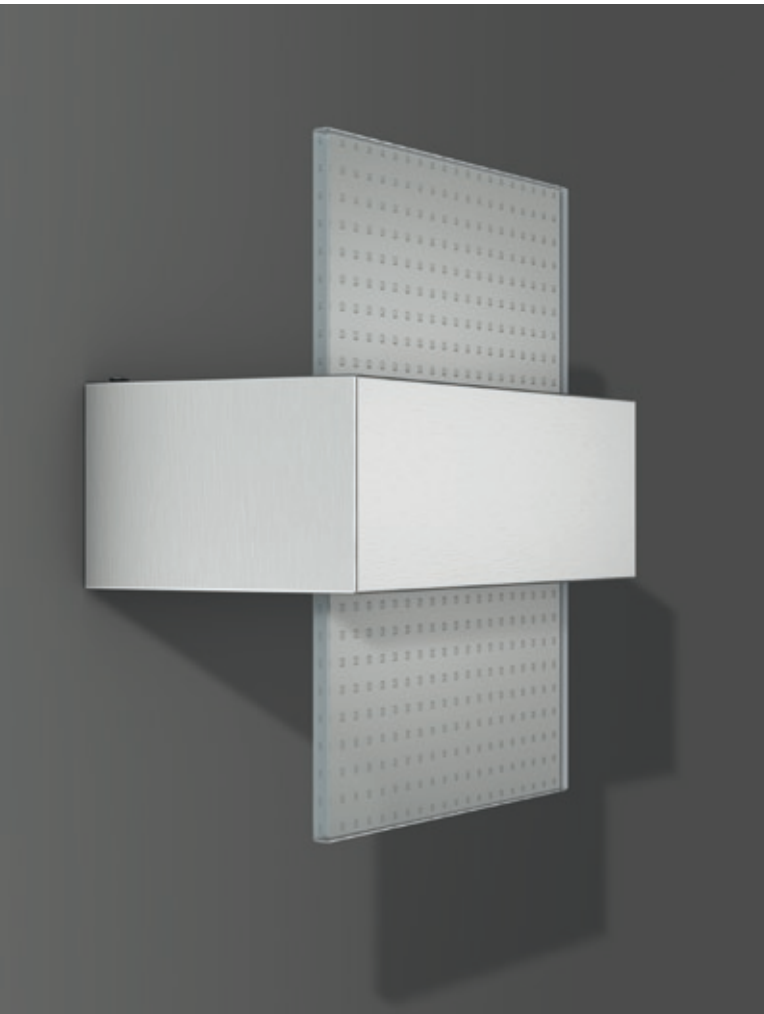


Add .1 to the article number when ordering for custom inscription

Series Plania is also available as light profile and Mono version.

.79 = With EB | .Q = Quick service (stock articles)

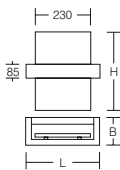
Specifications subject to alteration. Other options and accessories can be found in the current product selection guide or in the Internet under [www.rzb-lighting.com](http://www.rzb-lighting.com)



# ATRIUM STAINLESS STEEL

Wall luminaires

Type of protection: IP 20  
Protection class: I  
Base: metal, white, powder-coated.  
Front panel: stainless steel. Decorative  
element: glass, pattern grid.  
Dimmable versions are available upon  
request.  
Available colours: 0 = stainless steel



Wall luminaires			
Decorative element: glass, pattern grid			
632026.950.79	L 275, B 130, H 290	1 x TC-DEL	26 W
632025.980.79	L 275, B 130, H 290	1 x TC-L	18 W
632027.220*	L 275, B 130, H 290	1 x TC-TEL	42 W

\* With EB as standard



## DESMONDO®

Wall luminaires

Type of protection: IP 20

Protection class: I

Housing: sheet steel, powder-coated.

Safety glass: partially UV-absorbent, zone frosted. Reflector: aluminium, highly polished anodised finish. Swivel range:

± 30°. For indirect lighting only.

Available colours: 2 = white



### Wall luminaires

751123.762	L 200, B 400, H 90	1 x QT-DE12 300 W
751126.782.79	L 200, B 400, H 90	1 x HIT, HIT-CE 35 W
751127.782.79	L 200, B 400, H 90	1 x HIT-DE, HIT-DE-CE 70 W



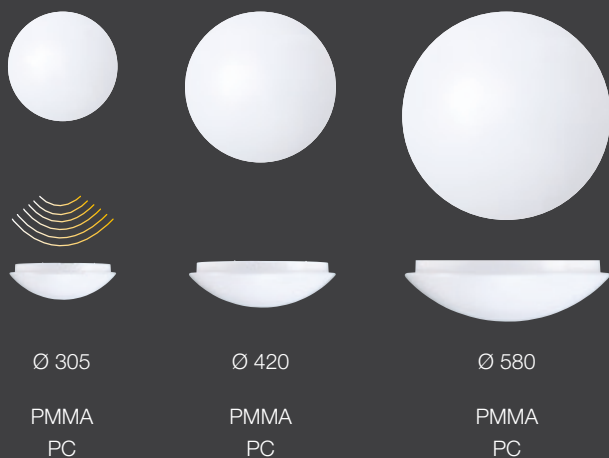


# Ceiling and wall luminaires

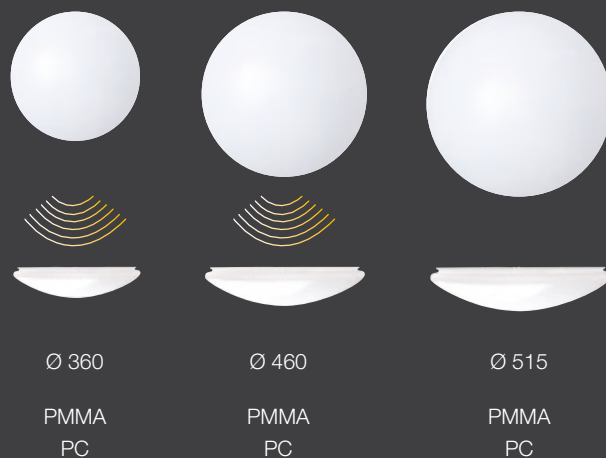


# The FLAT POLYMERO® system with plastic diffuser

FLAT POLYMERO® PMMA / PC  
(ceiling mounted IP 43, wall mounted IP 44)  
Base: plastic



FLAT POLYMERO®  
(IP 40)  
Base: metal



## PMMA diffuser

In addition to standard PMMA diffusers, we also offer Plexiglas® diffusers.

Advantages of Plexiglas®:

- Robust and scratch-resistant substitute for glass
- Exhibits the same transparency and opal coloration as glass
- UV resistant (color-true; no yellowing)
- Completely weathering resistant
- For 0–90 °C operating temperatures
- 92 percent light transmission (for 1 mm-thick Plexiglas®)
- Can be cleaned with tap water, soft soap or a pH neutral cleaning agent
- Can be disposed of without residual waste

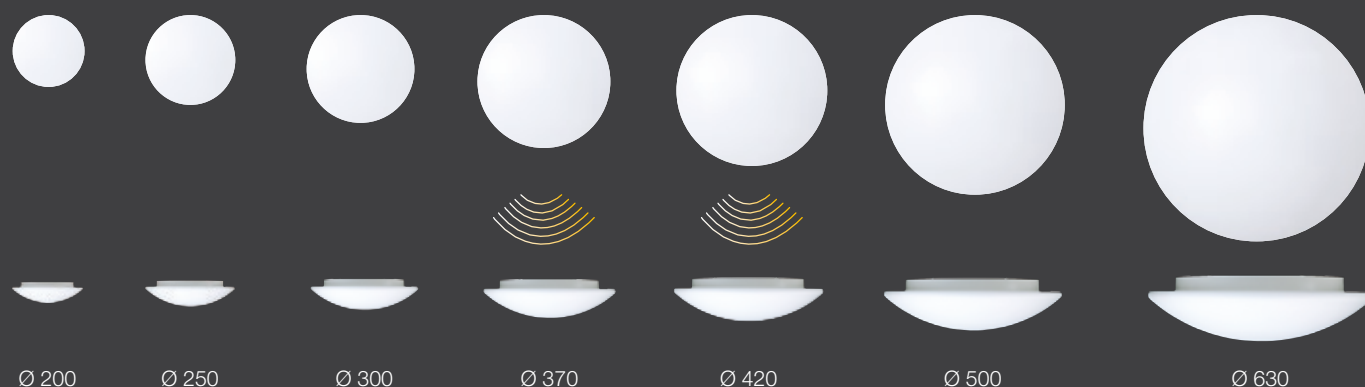
## PC diffusers

In addition to standard polycarbonate, we also offer high quality UV stabilized plastic - PC by RZB:

- Hard, stiff, shockproof, extremely high impact strength
- Exhibits the same transparency and opal coloration as glass
- UV stabilized
- Largely weathering resistant
- Can be used at ambient temperatures ranging from -40° to +135°C
- 88 percent light transmission (for 1 mm-thick material)
- Can be cleaned using tap water

# The FLAT system with opal glass diffuser

FLAT BASIC  
(ceiling mounted IP 43, wall mounted IP 44)



## Triplex glass diffusers

All of the RZB opal glass luminaires are made of quality triplex glass, which is composed of three layers of glass that are fused together: one opal glass layer is embedded between two transparent crystal layers. On the one hand, triplex glass is an extremely high quality, robust safety glass; on the other hand it optimizes the lighting characteristics

of glass: thanks to its triple-layer structure the glass refracts the light in many different directions and distributes it evenly across the glass surface, thus providing a pleasant and soft glare-free light. In addition to that, the diffuser makes a beautiful and elegant statement, whether lit or unlit.

FLAT POLYMERO® XXL / Kreis XXL  
(IP 40 / IP 44)



Ø 620

PMMA  
PC



Ø 1040

PMMA  
PC



Ø 1700

PMMA

#### FLAT CRYSTAL

(ceiling mounted IP 43, wall mounted IP 44)



Ø 250



Ø 300



Ø 370

#### FLAT CIRCLE

(ceiling mounted IP 43, wall mounted IP 44)



Ø 250



Ø 300



Ø 370



Ø 420

#### FLAT SPECIAL

(ceiling mounted IP 43, wall mounted IP 44)



Ø 250



Ø 300



Ø 420

#### Satin finish or silk finish

The outer surface of our triplex glass diffusers is available in either satin or silk finish. The silk finish glass diffusers have a high-gloss, smooth surface that reflects the light of its surroundings, whereas the satin finish glass diffusers are frosted outside; this matt white finish lends particular elegance to the light fixtures.





## THE MEGA SERIES OF UNMATCHED DIVERSITY

It takes a beam of light a mere 1.3 seconds to travel from the Earth to the Moon. How can such a powerful phenomenon be controlled and shaped? How can its myriad facets be rendered perceptible? The answer: with a luminaire we call the TENUO, which to all intents and purposes eliminates existing design limitations. Such a luminaire – a veritable celebration of quality and efficiency – is unmatched when it comes to model variety and versatility.



## FLAT POLYMERO® SUPER XXL

Ceiling and wall luminaires

Type of protection: **IP 40**

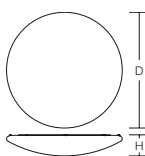
Protection class: I

Base: metal, powder-coated. Diffuser: plastic (PMMA), opal. Diffuser fastening: sash lock.

Version with sequencer is controlled by an electronic dimmer 1-10 V (to be provided on site).

Weight: 47 kg

Available colours: 2 = white



### Ceiling and wall luminaires

Diffuser, plastic (PMMA) D 1700 mm

for colour temperature control white 10 x 2700 K and 24 x 6000 K or for single colour light (e.g. T26 4200 K)

311310.752.76 D 1700, H 300 34 x T26 (T8) 18 W

311310.752.78 D 1700, H 300 34 x T26 (T8) 18 W

without colour temperature control

311310.752.79 D 1700, H 300 34 x T26 (T8) 18 W

for RGB control 10 x red, 10 x green, 12 x blue

(for optimal colour rendition we recommend OSRAM lamps)

311309.752.76 D 1700, H 300 32 x T26 (T8) 18 W

311309.752.78 D 1700, H 300 32 x T26 (T8) 18 W

RGB control with sequencer (closed loop)

311309.752\* D 1700, H 300 32 x T26 (T8) 18 W

RGB control with radio control system, incl. remote control

311309.752.73\* D 1700, H 300 32 x T26 (T8) 18 W

\* With EB as standard



Further luminaires of this series, see:

Indoor lighting |  
Pendant luminaires

.79 = With EB | .Q = Quick service (stock articles)

Specifications subject to alteration. Other options and accessories can be found in the current product selection guide or in the Internet under [www.rzb-lighting.com](http://www.rzb-lighting.com)





## FLAT POLYMERO® XXL

Ceiling and wall luminaires

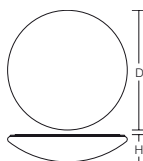
Type of protection: **IP 40**

Protection class: I

Base: metal, powder-coated. Diffuser: plastic (PMMA), opal or plastic (polycarbonate with ball impact protection in accordance with DIN 18032-3), opal. Diffuser fastening: sash lock. Version with sequencer is controlled by an electronic dimmer 1-10 V (to be provided on site).

Type of protection IP44 for PMMA and PC on request.

Available colours: 2 = white



### Ceiling and wall luminaires

Diffuser, plastic (PMMA) D 1040 mm  
for colour temperature control white

311183.982 .Q*	D 1040, H 230	4 x TC-L 55 W
311231.982 .Q*	D 1040, H 230	6 x TC-L 55 W

for colour temperature control white (4 x 2700 K and 7 x 6000 K)

311193.752.76	D 1040, H 230	11 x T26 (T8) 18 W
311193.752.78	D 1040, H 230	11 x T26 (T8) 18 W

without colour temperature control

311193.752.79	D 1040, H 230	11 x T26 (T8) 18 W
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for RGB control (3 x red, 4 x green, 4 x blue) for additive colour mixing  
for optimal colour rendition we recommend OSRAM lamps)

311187.752.76	D 1040, H 230	11 x T26 (T8) 18 W
311187.752.77	D 1040, H 230	11 x T26 (T8) 18 W
311187.752.78	D 1040, H 230	11 x T26 (T8) 18 W

RGB control with sequencer (closed loop)

311224.752*	D 1040, H 230	11 x T26 (T8) 18 W
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RGB control with radio control system, incl. remote control

311187.752.73*	D 1040, H 230	11 x T26 (T8) 18 W
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\* With EB as standard



Further luminaires of  
this series, see:  
Indoor lighting |  
Pendant luminaires

.79 = With EB | .Q = Quick service (stock articles)

Specifications subject to alteration. Other options and accessories can be found in the current product selection guide or in the Internet under [www.rzb-lighting.com](http://www.rzb-lighting.com)







## FLAT POLYMERO®

Ceiling and wall luminaires

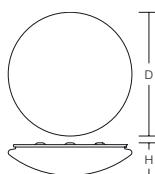
Type of protection: **IP 40**

Protection class: I

Base: metal, powder-coated; diffuser: plastic (PMMA), opal. Diffuser fastening: patented push lock. EB incorporated.

Extremely high light output ratio: up to **81%**.

Available colours: 2 = white



### Ceiling and wall luminaires

Diffuser: plastic (PMMA)

**D 360 mm**

311161.962.1.79 .Q D 360, H 100 2 x TC-DEL 18 W

311163.002.1\* D 360, H 100 1 x T16-R 22 W

**with movement sensor**

311163.002.1.19 D 360, H 100 1 x T16-R 22 W

**D 460 mm**

311165.962.1.79 .Q D 460, H 120 2 x TC-DEL 18 W

311166.952.1.79 .Q D 460, H 120 2 x TC-DEL 26 W

**with movement sensor**

311509.002.1.19 D 460, H 120 1 x T16-R 40 W

**D 515 mm**

311171.862.1.79 .Q D 515, H 150 2 x TC-F 24/36 W

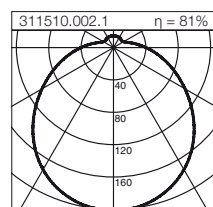
311510.002.1 .Q\* D 515, H 150 1 x T16-R 55 W

**D 620 mm**

311174.862.1.79 .Q D 620, H 160 2 x TC-F 24/36 W

311175.002.1 .Q\* D 620, H 160 1 x T16-R 22 W + 40 W

\* With EB as standard



Further luminaires of this series, see:  
Indoor lighting |  
Pendant luminaires

### Accessories

Available colours: Decorative ring, painted (X): 2 = white, 4 = silver coloured. Other RAL colours available on request. Available colours: Decorative ring, metallised (X): 42 = nickel, matt

### Decorative rings Flat Polymero® (IP 40)

981804.00X	D 380 mm	for diffuser D 360 mm
981805.00X	D 490 mm	for diffuser D 460 mm
981806.00X	D 551 mm	for diffuser D 515 mm

.79 = With EB | .Q = Quick service (stock articles)

Specifications subject to alteration. Other options and accessories can be found in the current product selection guide or in the Internet under [www.rzb-lighting.com](http://www.rzb-lighting.com)



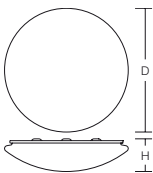


# FLAT POLYMERO® LED

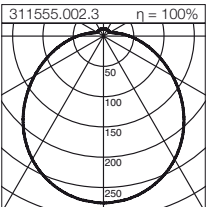
Ceiling and wall luminaires

Type of protection: **IP 40**  
Protection class: I  
Base: metal, powder-coated. Diffuser: plastic (PMMA), opal. Diffuser fastening: patented locking technology (pressure lock).  
LED included.  
Available colours: 2 = white

**LED**



Ceiling and wall luminaires		
Diffuser: plastic (PMMA)		
D 360 mm		
311523.002.1	D 360, H 100	6 x LED 3 W 5000 K
311523.002.3 .Q	D 360, H 100	6 x LED 3 W 3000 K
D 460 mm		
311518.002.1 .Q	D 460, H 120	8 x LED 3 W 5000 K
311518.002.3 .Q	D 460, H 120	8 x LED 3 W 3000 K
with movement sensor		
311518.002.1.19	D 460, H 120	8 x LED 3 W 5000 K
311518.002.3.19	D 460, H 120	8 x LED 3 W 3000 K
D 515 mm		
311525.002.1	D 515, H 150	8 x LED 3 W 5000 K
311525.002.3	D 515, H 150	8 x LED 3 W 3000 K
311555.002.1 .Q	D 515, H 150	10 x LED 3 W 5000 K
311555.002.3 .Q	D 515, H 150	10 x LED 3 W 3000 K
with movement sensor		
311525.002.1.19 .Q	D 515, H 150	8 x LED 3 W 5000 K
311525.002.3.19	D 515, H 150	8 x LED 3 W 3000 K
D 620 mm		
311526.002.1	D 620, H 160	10 x LED 3 W 5000 K
311526.002.3 .Q	D 620, H 160	10 x LED 3 W 3000 K
311556.002.1	D 620, H 160	12 x LED 3 W 5000 K
311556.002.3	D 620, H 160	12 x LED 3 W 3000 K



Also available with movement sensor

See series FLAT POLYMERO® for decorative ring attachments

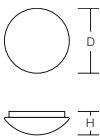




# FLAT POLYMERO® PMMA

Ceiling and wall luminaires

Type of protection:  
**IP 43** ceiling mounting,  
**IP 44** wall mounting  
Protection class: I = TC-Lp, T-Lp, II = E27  
Base: plastic. Diffuser: plastic (PMMA),  
opal. Diffuser fastening: spring system.  
Available colours: 2 = white



Ceiling and wall luminaires			
Diffuser, plastic (PMMA)			
Diffuser D 305 mm			
221023.002.1	D 305, H 115	1 x E27® 75 W	
221024.962.1.79	D 305, H 115	1 x TC-DEL 18 W	
221039.962.1.79	D 305, H 115	2 x TC-DEL 18 W	
with movement sensor			
221126.002.4.19	D 305, H 115	1 x E27® 60 W	
221126.002.4.19LED	D 305, H 115	1 x LED 9,5 W 2800 K	
Diffuser D 420 mm			
221029.962.1.79	D 420, H 150	3 x TC-DEL 18 W	
221028.862.1.79	D 420, H 150	2 x TC-F 24/36 W	
221027.982.1.79	D 420, H 150	2 x TC-L 18 W	
Diffuser D 580 mm			
221116.982.1.79	D 580, H 160	3 x TC-L 36 W	
221117.002.1	D 580, H 160	1 x T16-R 60 W	

FLAT POLYMERO® is also available with movement sensor and LED lamp

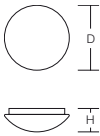




# FLAT POLYMER® PC

Ceiling and wall luminaires

Type of protection:  
**IP 43** ceiling mounting, **IP 44** wall mounting  
Protection class: I = TC-Lp, T-Lp, II = E27  
Base: plastic. Diffuser: plastic (polycarbonate),  
opal. Diffuser fastening: spring system.  
Available colours: 2 = white



Ceiling and wall luminaires		
Diffuser, plastic (PMMA)		
Diffuser D 305 mm		
221023.002	D 305, H 115	1 x E27 <sup>®</sup> 75 W
221024.962.79	D 305, H 115	1 x TC-DEL 18 W
221039.962.79	D 305, H 115	2 x TC-DEL 18 W
with movement sensor		
221126.002.3.19	D 305, H 115	1 x E27 <sup>®</sup> 60 W
Diffuser D 420 mm		
221029.962.79	D 420, H 150	3 x TC-DEL 18 W
221028.862.79	D 420, H 150	2 x TC-F 24/36 W
221027.982.79	D 420, H 150	2 x TC-L 18 W
Diffuser D 580 mm		
221116.982.79	D 580, H 160	3 x TC-L 36 W
221117.002	D 580, H 160	1 x T16-R 60 W



Also available with  
movement sensor

## FLAT BASIC

Ceiling and wall luminaires

Type of protection:

**IP 43** ceiling mounting, **IP 44** wall mounting

Protection class: I = TC-Lp, T-Lp, II = E27

Base: plastic, white. Opal glass: mouth  
blown, satin finish. Glass fastening: spring  
system / bayonet system.

Available colours: 2 = white



### Accessories

Available colours decorative ring, painted (X): 2 = white. Other RAL colours  
available on request. Available colours: Decorative ring, metallised (X): 4 = chrome,  
42 = nickel, matt, 5 = brass

#### Decorative rings metal

981096.00X	D 220, H 10	for glass D 200
981097.00X	D 270, H 10	for glass D 250
981098.00X	D 320, H 10	for glass D 300
981129.00X	D 390, H 10	for glass D 370
981100.00X	D 440, H 10	for glass D 420

### Ceiling and wall luminaires

#### Diffuser fastening: spring system

##### Glass D 200 mm

211004.002 .Q	D 200, H 106	1 x E27® 60 W
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##### Glass D 250 mm

211005.002 .Q	D 250, H 106	1 x E27® 60 W
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##### Glass D 300 mm

211006.002 .Q	D 300, H 106	1 x E27® 75 W
211008.962.79	D 300, H 106	1 x TC-DEL 18 W

##### Glass D 370 mm

211059.002 .Q	D 370, H 118	2 x E27® 60 W
211061.962.79 .Q	D 370, H 118	2 x TC-DEL 18 W

##### Glass D 420 mm

211011.002 .Q	D 420, H 124	2 x E27® 75 W
211054.952.79 .Q	D 420, H 124	2 x TC-DEL 26 W

#### Diffuser fastening: bayonet fixing

##### Glass D 500 mm

211073.862.79	D 500, H 150	2 x TC-F 24/36 W
211076.002*	D 500, H 150	1 x T16-R 55 W

##### Glass D 630 mm

211255.862.1.79	D 630, H 160	3 x TC-F 36 W
211257.002.1*	D 630, H 160	1 x T16-R 60 W

\* With EB as standard







## FLAT CRYSTAL

Ceiling and wall luminaires

Type of protection:

**IP 43** ceiling mounting,

**IP 44** wall mounting

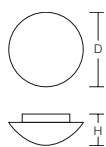
Protection class: I = TC-Lp, II = E27

Base: plastic, white. Opal glass: mouth blown, silk finish, with decorative crystal glass

surround. Glass fastening: spring system.

Decorative ring cannot be applied.

Available colours: 2 = white



### Ceiling and wall luminaires

#### Glass D 250 mm

211357.002 D 250, H 106 1 x E27® 60 W

#### Glass D 300 mm

211358.002 D 300, H 106 1 x E27® 75 W

211360.962.79 D 300, H 106 1 x TC-DEL 18 W

#### Glass D 370 mm

211362.002 D 370, H 118 2 x E27® 60 W

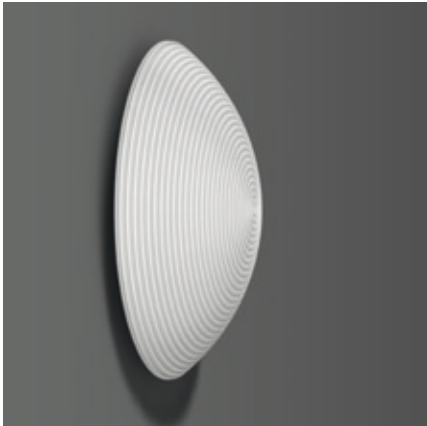
211364.962.79 D 370, H 118 2 x TC-DEL 18 W



FLAT CRYSTAL with  
premium crystal edging

.79 = With EB | .Q = Quick service (stock articles)

Specifications subject to alteration. Other options and accessories can be found in the current product selection guide or in the Internet under [www.rzb-lighting.com](http://www.rzb-lighting.com)



# FLAT CIRCLE

Ceiling and wall luminaires

Type of protection:  
**IP 43** ceiling mounting,  
**IP 44** wall mounting  
Protection class: I = TC-Lp, II = E27  
Base: plastic, white. Opal glass: mouth  
blown, satin finish, with grooved texture.  
Glass fastening: spring system.  
Available colours: 2 = white



Ceiling and wall luminaires		
<b>Glass D 250 mm</b>		
211297.002	D 250, H 106	1 x E27® 60 W
<b>Glass D 300 mm</b>		
211298.002	D 300, H 106	1 x E27® 75 W
211300.962.79	D 300, H 106	1 x TC-DEL 18 W
<b>Glass D 370 mm</b>		
211302.002	D 370, H 118	2 x E27® 60 W
211303.962.79	D 370, H 118	2 x TC-DEL 18 W
<b>Glass D 420 mm</b>		
211305.002	D 420, H 124	2 x E27® 75 W
211307.962.79	D 420, H 124	2 x TC-DEL 18 W

**Accessories**  
Available colours decorative ring, painted (X): 2 = white. Other RAL colours available on request. Available colours: Decorative ring, metallised (X): 4 = chrome, 42 = nickel, matt, 5 = brass

Decorative rings metal		
981097.00X	D 270, H 10	for glass D 250
981098.00X	D 320, H 10	for glass D 300
981129.00X	D 390, H 10	for glass D 370
981100.00X	D 440, H 10	for glass D 420



FLAT CIRCLE with  
exclusive ribbed  
structure



## FLAT SPECIAL

Ceiling and wall luminaires

Type of protection:

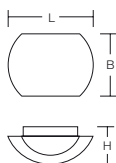
**IP 43** ceiling mounting,

**IP 44** wall mounting

Protection class: I = TC-Lp, II = E27

Base: plastic, white. Opal glass: mouth blown, closed, satin finish. Glass fastening: spring system.

Available colours: 2 = white



### Ceiling and wall luminaires

#### Glass D 250 mm

211138.002 L 250, B 183, H 106 1 x E27® 60 W

#### Glass D 300 mm

211139.002 .Q L 300, B 219, H 106 1 x E27® 75 W

211141.962.79 L 300, B 219, H 106 1 x TC-DEL 18 W

#### Glass D 420 mm

211144.002 L 420, B 307, H 124 2 x E27® 75 W

211146.962.79 L 420, B 307, H 124 2 x TC-DEL 18 W

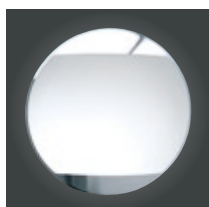
211147.952.79 L 420, B 307, H 124 2 x TC-DEL 26 W

### Accessories

Available colours decorative ring, painted (X): 2 = white. Other RAL colours available on request. Available colours: Decorative ring, metallised (X): 4 = chrome, 42 = nickel, matt, 5 = brass

#### Decorative rings metal

981097.00X	D 270, H 10	for glass D 250
981098.00X	D 320, H 10	for glass D 300
981100.00X	D 440, H 10	for glass D 420



FLAT SPECIAL with chrome finished decorative ring attachment

.79 = With EB | .Q = Quick service (stock articles)

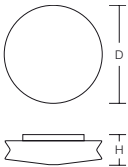
Specifications subject to alteration. Other options and accessories can be found in the current product selection guide or in the Internet under [www.rzb-lighting.com](http://www.rzb-lighting.com)



# RONDO

Ceiling and wall luminaires

Type of protection:  
**IP 43** ceiling mounting,  
**IP 44** wall mounting  
Protection class: I = TC-Lp, T-Lp, II = E27  
Base: plastic. Opal glass: mouth blown,  
satin finish. Glass fastening: spring system /  
bayonet system.  
Available colours: 2 = white



Ceiling and wall luminaires		
Diffuser fastening: spring system		
Glass D 250 mm		
21105.002	D 250, H 110	1 x E27 <sup>®</sup> 60 W
Glass D 300 mm		
21106.002	D 300, H 115	1 x E27 <sup>®</sup> 75 W
Glass D 400 mm		
21108.002	D 400, H 125	2 x E27 <sup>®</sup> 75 W
21108.962.79	D 400, H 125	1 x TC-DEL 18 W
Diffuser fastening: bayonet fixing		
Glass D 500 mm		
211114.962.79	D 500, H 138	3 x TC-DEL 18 W
211115.952.79	D 500, H 138	3 x TC-DEL 26 W
211113.862.79	D 500, H 138	2 x TC-F 24/36 W
211117.002*	D 500, H 138	1 x T16-R 22 W + 40 W

\* With EB as standard



## SOMBRE

Ceiling and wall luminaires

Type of protection:

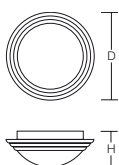
**IP 43** ceiling mounting,

**IP 44** wall mounting

Protection class: I = TC-Lp, T-Lp, II = E27

Base: plastic, white. Opal glass: mouth blown, satin finish. Glass fastening: bayonet system.

Available colours: 2 = white



### Ceiling and wall luminaires

#### Glass D 550 mm

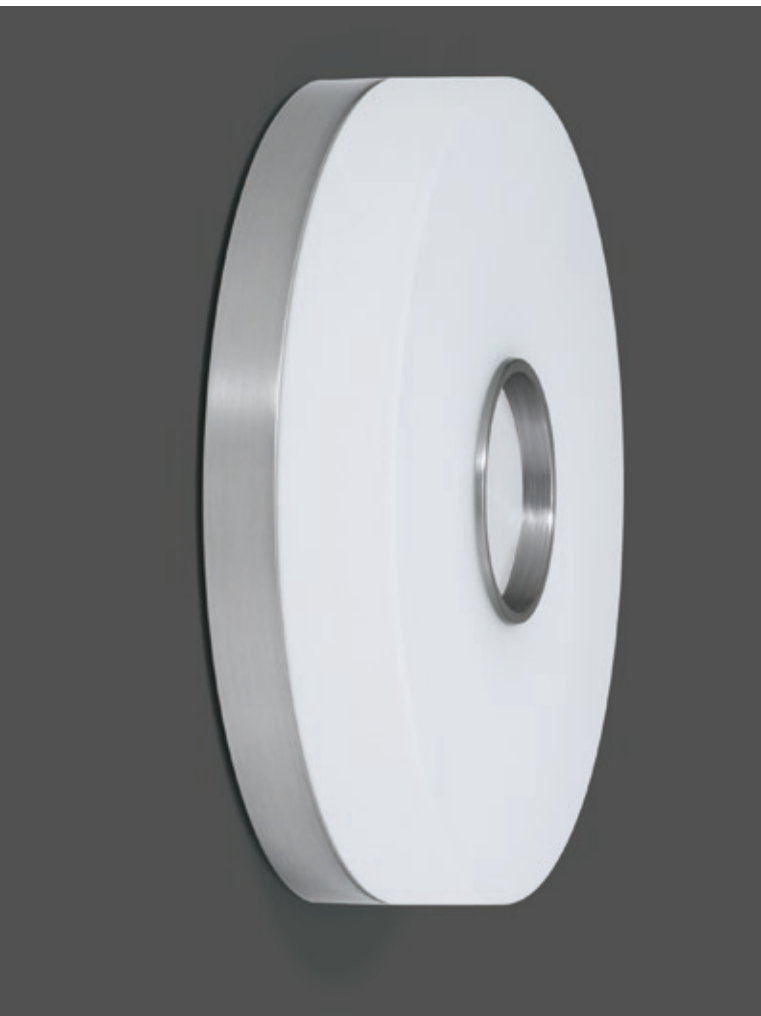
211108.962.79	D 550, H 150	3 x TC-DEL 18 W
211109.952.79	D 550, H 150	3 x TC-DEL 26 W
211107.862.79	D 550, H 150	2 x TC-F 24/36 W
211111.002*	D 550, H 150	1 x T16-R 22 W + 40 W

#### Glass D 680 mm

211287.982.79	D 680, H 155	3 x TC-L 36 W
211288.002*	D 680, H 155	1 x T16-R 60 W

\* With EB as standard





## IN THE CIRCLE OF LIGHT

Our DOUALA luminaires appear to float and in so doing capture your attention. They make a seamless transition from satin-finish opal glass to brushed stainless steel and back again. It's hard to decide which is more impressive: the DOUALA's sophisticated hybrid technology, which combines diffuse light with a downlight; or this imposing circle in and of itself, where stainless steel and glass meld impeccably and which is much more than a mere luminaire.



## DOUALA

Ceiling and wall luminaires

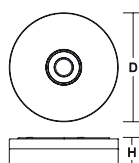
Type of protection: **IP 40**

Protection class: I

Base: brushed stainless steel. Mouth-blown, 3-layer opal glass, satin finish. Fastening: patent-pending spring system.

LED included.

Available colours: 0 = stainless steel, brushed



### Ceiling and wall luminaires

#### Diameter D 300 mm

311560.000	D 300, H 95	LED 30 W 3000 K / 2100 lm
311560.000.1	D 300, H 95	LED 30 W 4000 K / 2100 lm

#### Diameter D 400 mm

311566.000.1 **	D 400, H 102	LED 45 W 3000 K / 3500 lm
311566.000.2 **	D 400, H 102	LED 45 W 4000 K / 3500 lm
311519.000 .Q *	D 400, H 102	1 x T16-R 22 W + 40 W

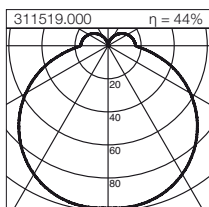
#### with recessed downlight

311520.000 *	D 400, H 102	1 x T16-R 22 W + 40 W + 1 x LED 9 W 3000 K
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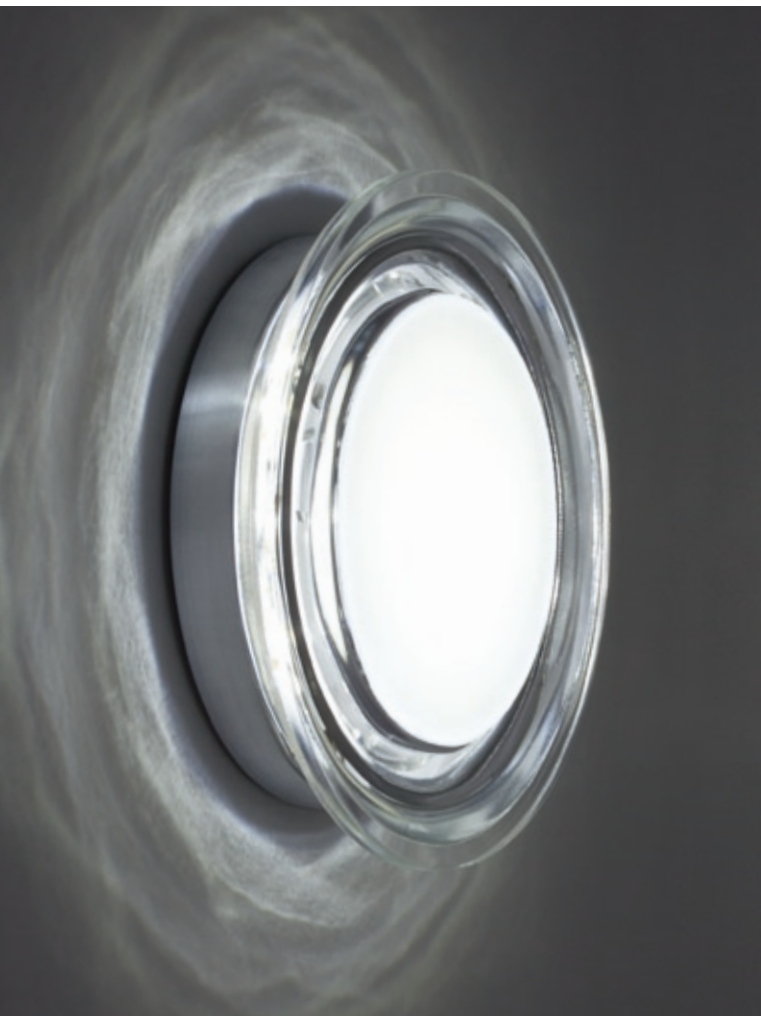
\* Dimmable versions are available upon request  
\*\* Version with LED 75 W/6000 lm in preparation

Further luminaires of this series, see:

Indoor lighting | Recessed ceiling and wall luminaires,  
Pendant luminaires







The DOUALA KRISTALL is a crystal-clear, luminous and appealing luminaire that is also a stylish design element that pays homage to one of the most harmonious forms in nature: the circle.

## DOUALA KRISTALL

Ceiling and wall luminaires

Type of protection: **IP 40**

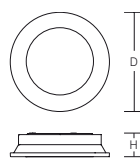
Protection class: I

Base: stainless steel, brushed; crystal glass: matt inside. Glass fastening: patented spring system.

LED included.

Available colours: 0 = stainless steel, brushed

**LED**



### Ceiling and wall luminaires

311531.000	D 350, H 95	LED 30 W 4000 K / 2100 lm
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Further luminaires of this series, see:

Indoor lighting | Recessed ceiling and wall luminaires,  
Pendant luminaires



reddot design award  
winner 2011





## DOUALA WHITE

Ceiling and wall luminaires

Type of protection: **IP 40**

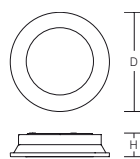
Protection class: I

Base: brushed stainless steel. Hand-blown triple-layer opal glass, satin finish. Patented spring fastening system.

LED included.

Available colours: 0 = stainless steel, brushed

**LED**



### Ceiling and wall luminaires

#### Diameter D 350 mm

311533.000	D 350, H 95	LED 30 W 3000 K / 2100 lm
311533.000.1	D 350, H 95	LED 30 W 4000 K / 2100 lm

#### Diameter D 460 mm

311537.000 **	D 460, H 105	LED 45 W 3000 K / 3500 lm
311537.000.1 **	D 460, H 105	LED 45 W 4000 K / 3500 lm
311535.000 *	D 460, H 105	1 x T16-R 22 W + 1 x T16-R 55 W

\* Dimmable versions are available upon request

\*\* Version with LED 75 W/6000 lm in preparation

Further luminaires of this series, see:

Indoor lighting | Recessed ceiling and wall luminaires,  
Pendant luminaires



.79 = With EB | .Q = Quick service (stock articles)

Specifications subject to alteration. Other options and accessories can be found in the current product selection guide or in the Internet under [www.rzb-lighting.com](http://www.rzb-lighting.com)





Also available with  
movement sensor

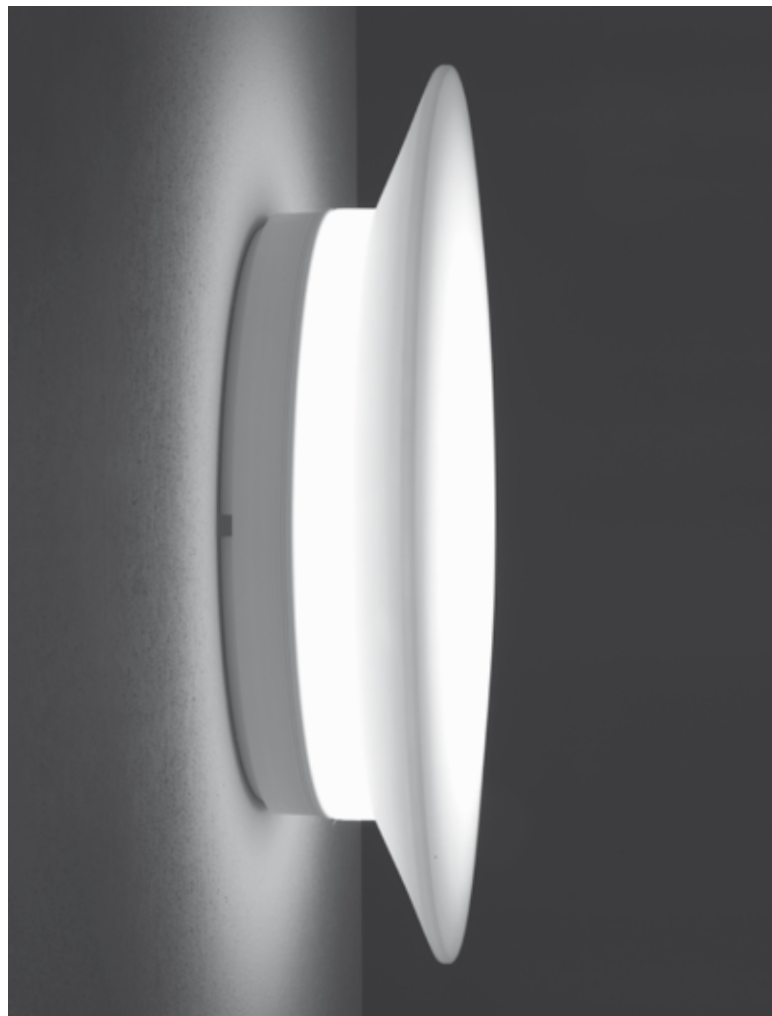


CIRCULAR decorative  
ring attachments are  
available in these  
standard colours:  
Polished stainless steel,  
textured white,  
silver metallic





reddot design award  
honourable mention 2009



## MONDANA®-A

Ceiling and wall luminaires

Type of protection: **IP 65**

Protection class: I

Protection class II upon request

UGR index: < 19

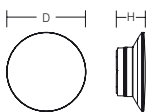
Base: plastic (polycarbonate), microtexture finish; diffuser: hand-blown opal glass, satin finish, or plastic (polyethylene), opal, satin finish. Diffuser fastening: threaded fitting.

Standard Gore™ Protective Vents diaphragm valve for reduction of condensation.

Available colours (X):

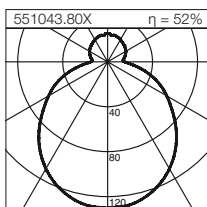
2 = white, 4 = silver coloured

Please replace X of the item no. with the requested colour code.



Further luminaires of this series, see:

Indoor lighting | Recessed ceiling and wall luminaires



### Ceiling and wall luminaires

**Glass: opal, satin finish D 280 mm**

551008.92X.79 D 280, H 106 1 x TC-DEL 10 W

**Glass: opal, satin finish D 390 mm**

551012.86X.79 D 390, H 101 1 x TC-F 24 W

551035.00X\* D 390, H 101 1 x T16-R 22 W

**with movement sensor**

551035.00X.19 D 390, H 101 1 x T16-R 22 W

**Glass: opal, satin finish D 500 mm**

551033.86X.79 D 500, H 128 2 x TC-F 36 W

551041.80X D 500, H 128 1 x T16-R 22 W + 40 W

551042.00X\* D 500, H 128 1 x T16-R 55 W

**with movement sensor**

551042.00X.19\* D 500, H 128 1 x T16-R 55 W

**Diffuser: plastic (polyethylene) D 280 mm**

551020.92X.79 D 280, H 108 1 x TC-DEL 10 W

**Diffuser: plastic (polyethylene) D 440 mm**

551024.86X.79 D 440, H 109 1 x TC-F 24 W

551038.00X\* D 440, H 109 1 x T16-R 22 W

**with movement sensor**

551038.00X.19 D 440, H 109 1 x T16-R 22 W

**Diffuser: plastic (polyethylene) D 550 mm**

551034.86X.79 D 550, H 135 2 x TC-F 36 W

551043.80X D 550, H 135 1 x T16-R 22 W + 40 W

551044.00X\* D 550, H 135 1 x T16-R 55 W

**with movement sensor**

551044.00X.19 D 550, H 135 1 x T16-R 55 W

\* With EB as standard



AN EMISSARY LUMINAIRE

Although the belief that the Earth is flat was disproved centuries ago, these magnificently luminous extra large diffusers could make you doubt the Earth's roundness for a moment – but in any case open up a new world of ideas and enable us to see messages in the right light.



FLAT POLYMERO® KREIS XXL

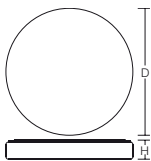
Ceiling and wall luminaires

Type of protection: **IP 40**

Protection class: I

Base: metal, powder-coated. Diffuser: plastic (PMMA), opal or plastic (polycarbonate with ball impact protection in accordance with DIN 18032-3), opal. Diffuser fastening: sash lock.

Available colours: 2 = white



Ceiling and wall luminaires

Diffuser, plastic (PMMA) D 1040 mm

311325.982 .Q\* D 1040, H 150 4 x TC-L 55 W

311326.982 .Q\* D 1040, H 150 6 x TC-L 55 W

Diffuser: plastic (polycarbonate) D 1040 mm, ball impact proof in accordance with DIN 18032-03

311325.982.1\* D 1040, H 150 4 x TC-L 55 W

311326.982.1\* D 1040, H 150 6 x TC-L 55 W

\* With EB as standard



Further luminaires of this series, see:  
Indoor lighting |  
Pendant luminaires

.79 = With EB | .Q = Quick service (stock articles)

Specifications subject to alteration. Other options and accessories can be found in the current product selection guide or in the Internet under [www.rzb-lighting.com](http://www.rzb-lighting.com)







# FLAT KREIS

Ceiling and wall luminaires

Type of protection:

**IP 43** ceiling mounting,

**IP 44** wall mounting

Protection class: I

Base: plastic. Diffuser: plastic, opal, satin finish. Diffuser fastening: spring system.

Available colours: 2 = white



## Ceiling and wall luminaires

### D 262 mm

221058.802.79	D 262, H 70	2 x TC-EL 9 W
221060.002 .Q*	D 262, H 70	1 x T16-R 22 W

### D 380 mm

221062.862.79	D 380, H 78	2 x TC-F 36 W
221061.982.79	D 380, H 78	2 x TC-L 18 W

### D 537 mm

221083.862.79	D 537, H 100	3 x TC-F 36 W
221085.002*	D 537, H 100	1 x T16-R 60 W

\* With EB as standard





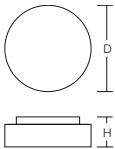
# FLAT KREIS

Ceiling and wall luminaires

Type of protection:  
**IP 43** ceiling mounting,  
**IP 44** wall mounting  
Protection class: I

Base: plastic. Opal glass: mouth blown,  
satin finish. Glass fastening: spring system /  
bayonet system.

Available colours: 2 = white



Ceiling and wall luminaires		
Diffuser fastening: spring system		
Glass D 250 mm		
211208.802.79	D 250, H 75	2 x TC-EL 7 W
Glass D 300 mm		
211211.862.79	D 300, H 75	1 x TC-F 24 W
Diffuser fastening: bayonet fixing		
Glass D 500 mm		
211219.862.79	D 500, H 100	2 x TC-F 36 W
211220.002*	D 500, H 100	1 x T16-R 22 W + 40 W
211221.002*	D 500, H 100	1 x T16-R 55 W
Glass D 630 mm		
211259.862.79	D 630, H 110	3 x TC-F 36 W
211261.002*	D 630, H 110	1 x T16-R 60 W

\* With EB as standard



## ALU-KREIS

Ceiling and wall luminaires

Type of protection:

**IP 43** ceiling mounting,

**IP 44** wall mounting

Protection class: I

Base: die-cast aluminium, powder-coated.

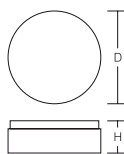
Opal glass: mouth blown, satin finish. Glass fastening: spring system.

LED included.

Available colours (X): 2 = white, 3 = black

Please replace X of the item no. with the requested colour code.

**LED**



### Ceiling and wall luminaires

#### Glass D 180 mm

25116.00X	D 180, H 100	1 x E27® 60 W
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#### Glass D 230 mm

25101.00X	D 230, H 110	1 x E27® 75 W
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25201.00X	D 230, H 110	3 x LED 4 W 6300 K
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#### Glass D 280 mm

25171.00X	D 280, H 120	1 x E27® 100 W
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25202.00X	D 280, H 120	4 x LED 4 W 6300 K
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25150.92X.79	D 280, H 120	2 x TC-DEL 13 W
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25150.96X.79	D 280, H 120	2 x TC-DEL 18 W
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#### Glass D 330 mm

25117.95X.79	D 330, H 120	1 x TC-DEL 26 W
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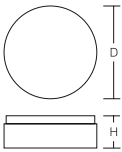
25151.95X.79	D 330, H 120	2 x TC-DEL 26 W
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# KREIS

Ceiling and wall luminaires

Type of protection:  
**IP 43** ceiling mounting,  
**IP 44** wall mounting  
Protection class: I = TC-Lp, II = E27  
Base: plastic. Opal glass: mouth blown, satin finish. Glass fastening: spring system.  
Available colours (X): 2 = white, 3 = black  
Please replace X of the item no. with the requested colour code.



Ceiling and wall luminaires		
<b>Glass D 180 mm</b>		
20116.00X.Q	D 180, H 100	1 x E27® 60 W
<b>Glass D 230 mm</b>		
20101.00X.Q	D 230, H 110	1 x E27® 75 W
<b>Glass D 280 mm</b>		
20102.00X.Q	D 280, H 120	2 x E27® 60 W
20171.00X.Q	D 280, H 120	1 x E27® 100 W
20102.96X.79	D 280, H 120	1 x TC-DEL 18 W
<b>Glass D 330 mm</b>		
20117.00X	D 330, H 120	2 x E27® 75 W



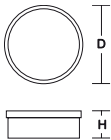
# KREIS

Ceiling and wall luminaires

Type of protection:  
**IP 43** ceiling mounting,  
**IP 44** wall mounting  
Protection class: I = TC-Lp, II = E27

Base: plastic. Diffuser: plastic, opal, satin finish. Diffuser fastening: spring system.

Available colours (X): 2 = white, 3 = black  
Please replace X of the item no. with the requested colour code.



Ceiling and wall luminaires		
Luminaires D 200 mm		
22141.00X .Q	D 200, H 100	1 x E27® 60 W
22141.92X .Q	D 200, H 100	1 x TC-D 13 W
Luminaires D 260 mm		
22150.00X .Q	D 260, H 110	1 x E27® 100 W
22142.96X.79	D 260, H 110	1 x TC-DEL 18 W



RZB DKN system®

(Druck-Kipp-Nurglasleuchten-System) for fixing of glass without tools: activation of holding mechanism by soft pressure on glass rim and retaining spring for secure fixing of glass.

Retaining springs compensate the tolerance of the glass rim and are easy on the glass when it is repeatedly attached and removed. The base is hidden when the glass is mounted.

DKN-CLASSIC®

Ceiling and wall luminaires

Type of protection: **IP 40**  
Protection class: I  
Base: metal, galvanised. Opal glass: mouth blown, silk finish. Glass fastening: DKN system.  
LED included.  
Available colours: 2 = white

**LED**



Ceiling and wall luminaires		
<b>Glass D 250 mm</b>		
10120.002 .Q	D 250, H 105	1 x E27® 60 W
<b>Glass D 300 mm</b>		
10130.002 .Q	D 300, H 115	1 x E27® 75 W
10136.002	D 300, H 115	2 x LED 4 W 6300 K
<b>Glass D 350 mm</b>		
10131.002 .Q	D 350, H 120	2 x E27® 60 W
<b>Glass D 400 mm</b>		
10140.002 .Q	D 400, H 125	2 x E27® 75 W
10142.002	D 400, H 125	4 x LED 4 W 6300 K



Retaining spring system for secure glass fixing without tools



## SUPRALUM

Ceiling and wall luminaires

Type of protection:

**IP 43** ceiling mounting,

**IP 44** wall mounting

Protection class: I = LED, TC-Lp, II = E27

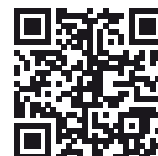
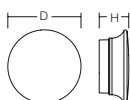
Base: die-cast aluminium or plastic,  
Opal glass: mouth blown, satin finish.

Diffuser fastening: spring system

LED included.

Available colours: 2 = white

**LED**



### Ceiling and wall luminaires

#### Base: plastic

##### Diameter (D) 220 mm

211388.002	D 220, H 90	1 x E27 <sup>®</sup> 60 W
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##### Diameter (D) 280 mm

211389.002	D 280, H 100	1 x E27 <sup>®</sup> 75 W
211390.962.79	D 280, H 100	1 x TC-DEL 18 W

##### Diameter (D) 350 mm

211392.002	D 350, H 108	2 x E27 <sup>®</sup> 60 W
211391.962.79	D 350, H 108	2 x TC-DEL 18 W

#### Base: die-cast aluminium

##### Diameter (D) 220 mm

251025.002	D 220, H 90	1 x LED 4 W 6300 K
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##### Diameter (D) 280 mm

251026.002	D 280, H 100	3 x LED 4 W 6300 K
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##### Diameter (D) 350 mm

251027.002	D 350, H 108	4 x LED 4 W 6300 K
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LIGHT SQUARED, GRACE RAISED TO THE POWER OF TWO

Hartmut S. Engel, the chief designer for our QUADRANA line, has a sure feel for minimal design and new forms of expression; and thus it's no surprise that the QUADRANA is a masterpiece of lighting aesthetics, whose captivating interplay of direct and indirect light makes the QUADRANA both an object and experience. Grace is a quality which, when translated into a geometric form, surely resembles this completed square of light.

QUADRANA®

Ceiling and wall luminaires



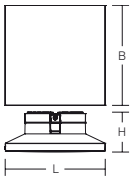
Type of protection: **IP 65**  
Protection class: I

Base: die-cast aluminium, powder-coated.  
Diffuser: plastic (PMMA), two-piece, opal or transparent, prismatic inside. Diffuser fastening: toggles.

Standard Gore™ Protective Vents diaphragm valve for reduction of condensation

Available colours (X):  
2 = white, 4 = silver metallic

Please replace X of the item no. with the requested colour code.



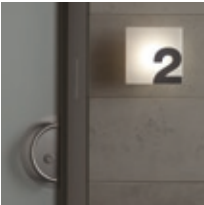
Ceiling and wall luminaires

Diffuser: plastic, opal. Front: transparent, prismatic inside			
311517.00X	L 300, B 300, H 115	1 x LED	4 W 6300 K
311516.00X	L 300, B 300, H 115	4 x LED	4 W 6300 K
311496.84X.79	L 300, B 300, H 115	1 x TC-TEL	18 W
Diffuser: plastic, opal. Front: opal			
311524.00X	L 300, B 300, H 115	1 x LED	4 W 6300 K
311524.00X.1*	L 300, B 300, H 115	1 x LED	4 W 6300 K
311515.00X	L 300, B 300, H 115	4 x LED	4 W 6300 K
311515.00X.1*	L 300, B 300, H 115	4 x LED	4 W 6300 K
311482.84X.79 .Q	L 300, B 300, H 115	1 x TC-TEL	18 W

\* .1 = incl. inscription on display panel. Please indicate inscription when ordering!



Further luminaires of this series, see:  
Indoor lighting |  
Recessed ceiling and wall luminaires



Use as house number sign luminaire (.1)

Cubic light impression as LED Light Art



## QUADRANA® LIGHT SPACE

Ceiling and wall luminaires

Type of protection: **IP 65**

Protection class: I

**LED**

Base: die-cast aluminium, powder-coated.

Diffuser: plastic (PMMA), two-piece. Front

frame: stainless steel, brushed or white.

Diffuser fastening: toggles. With 16 LED and electronic constant current supply.

LED included.

Standard Gore™ Protective Vents diaphragm valve for reduction of condensation.

Available LED colour:

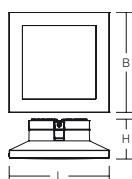
blue - Front frame: stainless steel, brushed

white - Front frame: stainless steel, white

Available colours (X):

2 = white, 4 = silver metallic

Please replace X of the item no. with the requested colour code.



### Ceiling and wall luminaires

**Diffuser: plastic, opal, Front: transparent**

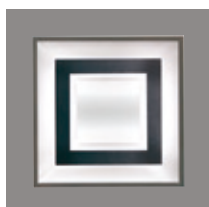
311484.00X L 300, B 300, H 115 16 x LED 1,2 W blue

311511.00X L 300, B 300, H 115 16 x LED 1,2 W 5400 K

**Diffuser: plastic, opal, Front: transparent, prismatic inside**

311498.00X L 300, B 300, H 115 16 x LED 1,2 W blue

311512.00X L 300, B 300, H 115 16 x LED 1,2 W 5400 K



Further luminaires of this series, see:

Indoor lighting |  
Recessed ceiling and  
wall luminaires



MÜNSTERFELD  
FULDA  
DEMIE





GESUNDHEITS  
ZENTRUM  
MÜNSTERFELD  
eurocom  
berufliche Kommunikationstechnik gmbh  
ISO 9001







Flemingstraße 3


 **MEDICUM FULDA**

 **Medizinisches Labor Fulda**  
Dr. med. B. Schühle  
Beratung und Untersuchung  
Speziallabor für die Diagnostik

 **Diagnostik Fulda**  
Ultraschall, Röntgen, CT, MRT  
Spezialdiagnostik für die Diagnostik

 **GESUNDHEITS  
ZENTRUM  
MÜNSTERFELD**

 **MÜNSTERFELD  
AKADEMIE**

 **KLINIK FÜR NEUROLOGIE UND PSYCHIATRIE  
MÜNSTERFELD**





reddot design award  
best of the best 2012

## LIGHTING AESTHETICS FOR A FEELING OF WELL BEING

Imagine how it would be if you could fill a room with natural daylight regardless of the position of the sun. Simulating this delicious outdoor feeling using artificial light creates a tremendous feeling of well being. And imagine how it would be if you had at your disposal a whole series of luminaires whose simplicity, accessories and versatility allowed you to position the lights just about anywhere you want in a given room.

Well, this lighting solution already exists. It's called the ECONE.



## ECONE® HYBRID

Ceiling and wall luminaires

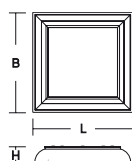
Type of protection: IP 20

Protection class: I

Housing: sheet steel, powder-coated.

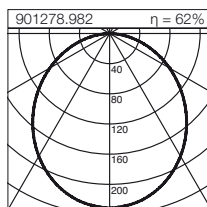
Diffuser: plastic (PMMA), opal. Separate RGB LED active colour frame or separate light frame provided by warm white fluorescent lamp. High aesthetic value thanks to indirect light. Control gear incorporated.

Available colours: 2 = white



Further luminaires of this series, see:

Indoor lighting | Recessed ceiling and wall luminaires,  
Pendant luminaires



### Ceiling and wall luminaires

#### RGB light frame

##### Control via DALI / DMX

901278.982	L 845, B 845, H 135	4 x TC-L 26/55 W + 120 x LED 0,2 W RGB
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##### Control via DALI / EIB

901279.982	L 845, B 845, H 135	4 x TC-L 26 W + 120 x LED 0,2 W RGB
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##### Control via DALI / radio signal

901278.982.73*	L 845, B 845, H 135	4 x TC-L 26 W + 120 x LED 0,2 W RGB
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#### white light frame

##### Control via DALI / DALI

901283.982	L 845, B 845, H 135	4 x TC-L 40 W + 4 x T16 (T5) 14/24 W
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\* Colour sequence can be adjusted via remote control (remote control must be ordered separately).

### Accessories

981894.000	Decorative cover made of acrylic plastic L 1000, B 1000, H 6
981644.009	Remote control (hand-held transmitter)



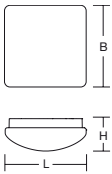
reddot design award  
best of the best 2012



# FLAT BASIC QUADRAT

Ceiling and wall luminaires

Type of protection: IP 20  
Protection class: I  
Base: plastic; mouth-blown opal glass:  
satin finish. Glass fastening: spring system  
or sash lock.  
Available colours: 2 = white



Ceiling and wall luminaires			
Glass fastening: spring system			
Glass L 250 x B 250 mm			
211378.912.79	L 250, B 250, H 90	2 x TC-EL	9 W
211379.862.79	L 250, B 250, H 90	1 x TC-F	24 W
Glass fastening: sash lock			
Glass L 420 x B 420 mm			
211381.862.79	L 420, B 420, H 115	2 x TC-F	24/36 W
211380.982.79	L 420, B 420, H 115	3 x TC-L	18 W
211382.002	L 420, B 420, H 115	1 x T16-R	22/40 W
211383.002	L 420, B 420, H 115	1 x T16-R	55 W



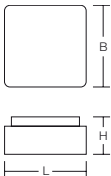
# FLAT QUADRAT

Ceiling and wall luminaires

Type of protection:  
**IP 43** ceiling mounting,  
**IP 44** wall mounting  
Protection class: I

Base: plastic. Opal glass: mouth blown,  
satin finish. Glass fastening: spring system /  
sash lock.

Available colours (X):  
2 = white, 4 = silver metallic  
Please replace X of the item no. with the  
requested colour code.



Ceiling and wall luminaires			
Glass L 250 x B 250 mm			
211224.80X.79	L 250, B 250, H 75	2 x TC-EL	9 W
211225.86X.79	L 250, B 250, H 75	1 x TC-F	24 W
Glass L 300 x B 300 mm			
211228.86X.79	L 300, B 300, H 75	1 x TC-F	24 W
211227.98X.79	L 300, B 300, H 75	2 x TC-L	18 W



# ALU-QUADRAT

Ceiling and wall luminaires

Type of protection:  
**IP 43** ceiling mounting,  
**IP 44** wall mounting  
Protection class: I

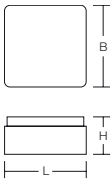
Base: die-cast aluminium, powder-coated.  
Opal glass: mouth blown, satin finish. Glass  
fastening: spring system.

LED included.

Available colours (X): 2 = white, 3 = black

Please replace X of the item no. with the  
requested colour code.

**LED**



## Ceiling and wall luminaires

<b>Glass L 190 x B 190 mm</b>		
25127.00X	L 190, B 190, H 100	1 x E27® 75 W
<b>Glass L 240 x B 240 mm</b>		
25228.00X	L 240, B 240, H 100	3 x LED 4 W 6300 K
25128.00X	L 240, B 240, H 110	1 x E27® 100 W
25128.92X .Q	L 240, B 240, H 110	1 x TC-D 13 W
<b>Glass L 280 x B 280 mm</b>		
25172.00X	L 280, B 280, H 120	1 x E27® 100 W
25229.00X	L 280, B 280, H 120	4 x LED 4 W 6300 K





# QUADRAT

Ceiling and wall luminaires

Type of protection:

**IP 43** ceiling mounting,

**IP 44** wall mounting

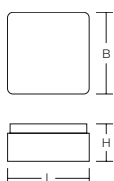
Protection class: I = TC-Lp, T-Lp, II = E27

Base: plastic. Opal glass: mouth blown, satin finish. Glass fastening: spring system.

Available colours (X): 2 = white, 3 = black

Please replace X of the item no. with the requested colour code.

**LED**



## Ceiling and wall luminaires

### Glass L 190 x B 190 mm

20127.00X .Q	L 190, B 190, H 100	1 x E27® 60 W
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### Glass L 240 x B 240 mm

20128.00X .Q	L 240, B 240, H 110	1 x E27® 75 W
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20128.00XLED	L 240, B 240, H 110	1 x LED 9,5 W 2800 K
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20128.92X	L 240, B 240, H 110	1 x TC-D 13 W
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### Glass L 280 x B 280 mm

20129.00X .Q	L 280, B 280, H 120	2 x E27® 60 W
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20172.00X	L 280, B 280, H 120	1 x E27® 100 W
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20129.96X.79	L 280, B 280, H 120	1 x TC-DEL 18 W
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20129.95X.79	L 280, B 280, H 120	1 x TC-DEL 26 W
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## RZB DKN system®

(Druck-Kipp-Nurglasleuchten-System) for fixing of glass without tools: activation of holding mechanism by soft pressure on glass rim and retaining spring for secure fixing of glass.

Retaining springs compensate the tolerance of the glass rim and are easy on the glass when it is repeatedly attached and removed. The base is hidden when the glass is mounted.



## DKN-QUADRAT®

Ceiling and wall luminaires

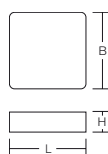
Type of protection: **IP 40**, IP 20  
Protection class: I

**LED**

Base: metal, galvanised. Opal glass:  
mouth blown, silk finish. Glass fastening:  
DKN system.

LED included.

Available colours: 2 = white



### Ceiling and wall luminaires

#### Glass L 235 x B 235 mm, IP 40

10420.002 .Q	L 235, B 235, H 100	1 x E27® 60 W
10420.922.79 .Q	L 235, B 235, H 100	1 x TC-DEL 13 W

#### Glass L 280 x B 280 mm, IP 20

10430.002 .Q	L 280, B 280, H 105	1 x E27® 75 W
10432.002	L 280, B 280, H 105	2 x LED 4 W 6300 K
10430.922.79	L 280, B 280, H 105	1 x TC-DEL 13 W

#### Glass L 310 x B 310 mm, IP 20

10440.002 .Q	L 310, B 310, H 105	2 x E27® 60 W
10440.922.79	L 310, B 310, H 105	1 x TC-DEL 13 W

#### Glass L 360 x B 360 mm, IP 20

10442.002	L 360, B 360, H 110	2 x E27® 75 W
10444.002	L 360, B 360, H 110	4 x LED 4 W 6300 K

Left side: Rechteck with plastic diffuser  
 Right side: Alu-Rechteck with mouth-blown opal glass, satin finish



## ALU-RECHTECK

Ceiling and wall luminaires

Type of protection:

**IP 43** ceiling mounting,

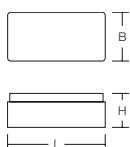
**IP 44** wall mounting

Protection class: I

Base: die-cast aluminium, powder-coated.  
 Opal glass: mouth blown, satin finish. Glass fastening: spring system.

Available colours (X): 2 = white, 3 = black

Please replace X of the item no. with the requested colour code.



Ceiling and wall luminaires

**Glass L 220 x B 120 mm**

25146.00X	L 220, B 120, H 105	1 x E27® 75 W
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## RECHTECK

Ceiling and wall luminaires

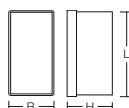
Type of protection: **IP 44**

Protection class: I = TC-Lp, II = E27

Base: plastic. Diffuser: plastic, opal, satin finish. Glass fastening: spring system.

Available colours (X): 2 = white, 3 = black

Please replace X of the item no. with the requested colour code.

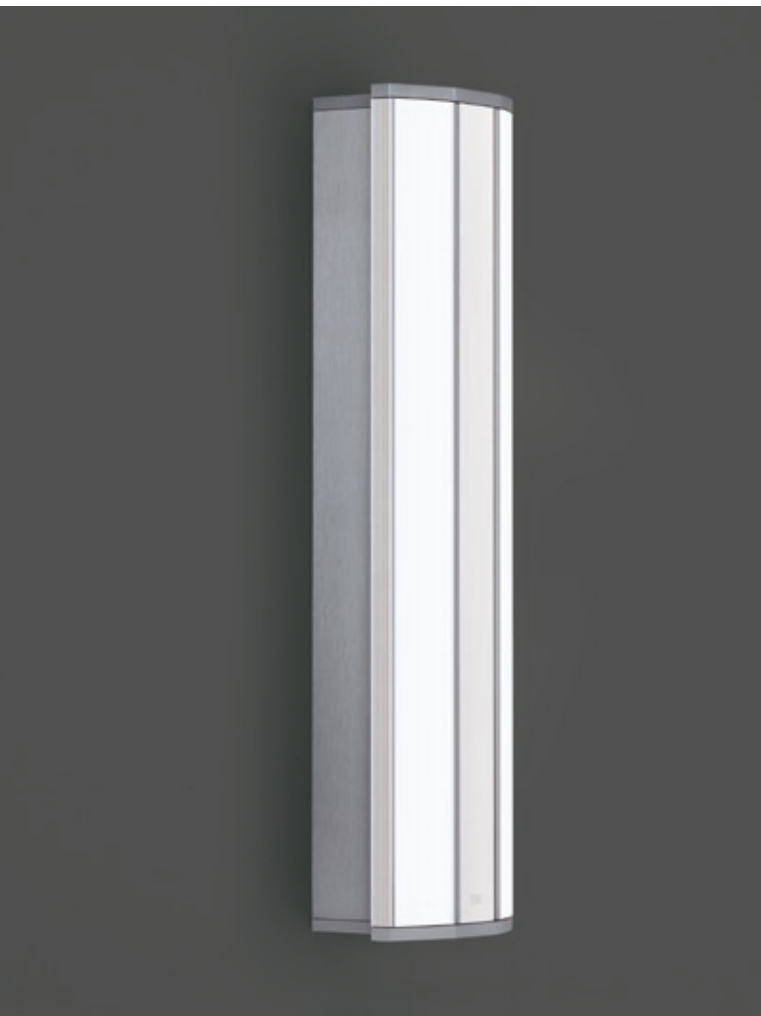


Ceiling and wall luminaires

**Luminaire L 215 x B 115 mm**

22144.00X.Q	L 215, B 115, H 110	1 x E27® 60 W
22144.91X.79	L 215, B 115, H 110	1 x TC-EL 9 W





## LAVANO®

Ceiling and wall luminaires

Type of protection: IP 40  
Protection class: I

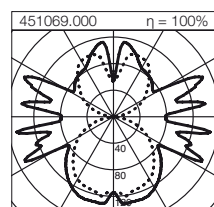
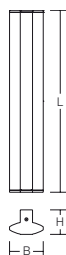
LED

Modular design, base and dead ends:  
stainless steel coloured, brushed. Diffuser:  
PMMA opal or PC opal, with brightly  
sparkling light along the contours of the  
ellipse.

Available colours for decorative board:  
stainless steel, mirror finish (.0)  
aluminium, brushed (.1)  
brass (.2)

LED boards included

Available colours: 0 = stainless steel, brushed



Further luminaires  
of this series, see:  
Outdoor lighting |  
Pendant luminaires

## WELL-CONSIDERED UNDERSTATEMENT

Not overbearing, but no wallflower either. Subtle and yet present. Minimal, and yet refined. Such superb aesthetic qualities shouldn't be wasted by occurring outside of our field of view. But in fact our LAVANO luminaires are both beautiful and unobtrusive, and lend an ideally elegant accent to the decors of spaces where high illuminance and exceptionally ergonomic lighting are key. All this is made possible by a pair of adjacent diffusers that direct the light in two segments and thus generate a particularly bright and direct flashing light element.



reddot design award  
winner 2010



## Ceiling and wall luminaires with LED

## Length L 320 mm

451068.000.0	L 320, B 109, H 80	2 x LED 10 W 2700 K
451068.000.1	L 320, B 109, H 80	2 x LED 10 W 2700 K
451068.000.2	L 320, B 109, H 80	2 x LED 10 W 2700 K

## Length L 600 mm

451069.000.0	L 600, B 109, H 80	2 x LED 21 W 2700 K
451069.000.1	L 600, B 109, H 80	2 x LED 21 W 2700 K
451069.000.2	L 600, B 109, H 80	2 x LED 21 W 2700 K

## Length L 900 mm

451085.000.0	L 900, B 109, H 80	2 x LED 31 W 2700 K
451085.000.1	L 900, B 109, H 80	2 x LED 31 W 2700 K
451085.000.2	L 900, B 109, H 80	2 x LED 31 W 2700 K

## Length L 1200 mm

451124.000.1	L 1200, B 109, H 80	2 x LED 41 W 2700 K
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## Ceiling and wall luminaires for T16-D seamless, 3000 K recommended

## Length L 600 mm

451076.750.0	L 600, B 109, H 80	2 x T16 (T5) 14 W
451076.750.1	L 600, B 109, H 80	2 x T16 (T5) 14 W
451076.750.2	L 600, B 109, H 80	2 x T16 (T5) 14 W

## Length L 900 mm

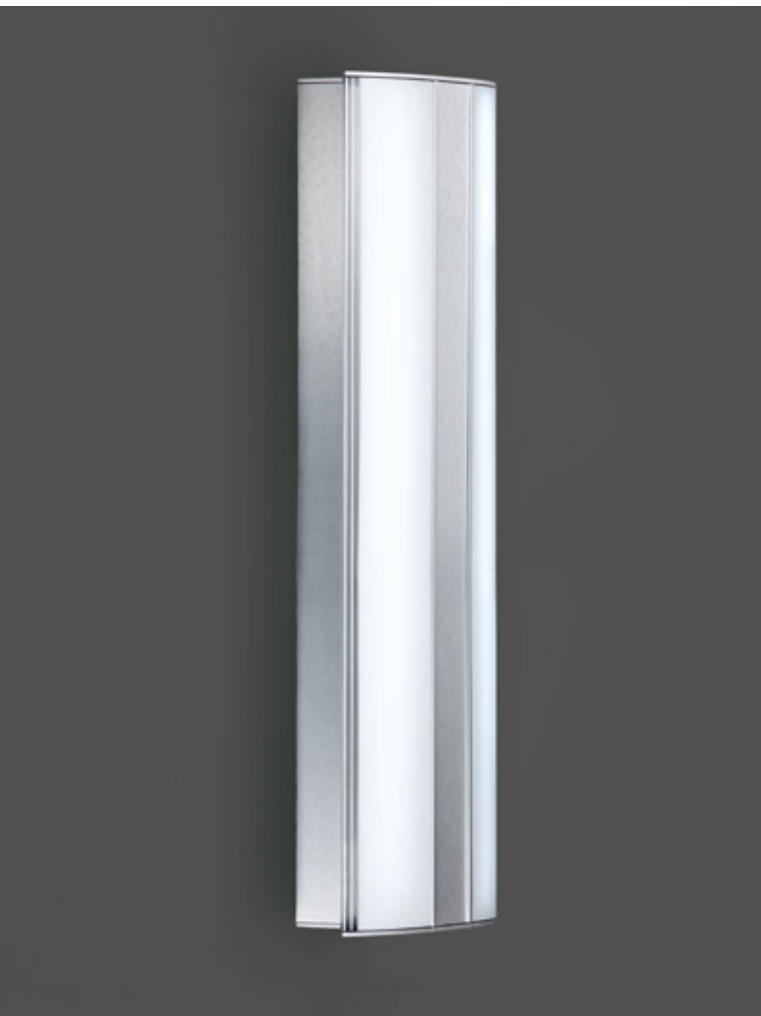
451084.750.0	L 900, B 109, H 80	2 x T16 (T5) 21 W
451084.750.1	L 900, B 109, H 80	2 x T16 (T5) 21 W
451084.750.2	L 900, B 109, H 80	2 x T16 (T5) 21 W

## Length L 1200 mm

451130.750.1	L 1200, B 109, H 80	2 x T16 (T5) 28/54 W
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.0 = stainless steel,  
mirror finish

.1 = aluminium, brushed

.2 = brass



## LAVANO® WING

Ceiling and wall luminaires

Type of protection: IP 40  
Protection class: I

**LED**

Modular design; luminaire base and end caps: stainless steel, brushed; diffuser (tapering at the sides): plastic, opal, allows for brilliant glittering light.

Available colours for decorative board:  
stainless steel, mirror finish (.0)  
aluminium, brushed (.1)  
brass (.2)

LED included.

Available colours: 0 = stainless steel, brushed



### Ceiling and wall luminaires with LED

#### Length L 320 mm

451071.000.0	L 320, B 150, H 80	2 x LED 10 W 2700 K
451071.000.1	L 320, B 150, H 80	2 x LED 10 W 2700 K
451071.000.2	L 320, B 150, H 80	2 x LED 10 W 2700 K

#### Length L 600 mm

451072.000.0	L 600, B 150, H 80	2 x LED 21 W 2700 K
451072.000.1	L 600, B 150, H 80	2 x LED 21 W 2700 K
451072.000.2	L 600, B 150, H 80	2 x LED 21 W 2700 K

#### Length L 900 mm

451073.000.0	L 900, B 150, H 80	2 x LED 31 W 2700 K
451073.000.1	L 900, B 150, H 80	2 x LED 31 W 2700 K
451073.000.2	L 900, B 150, H 80	2 x LED 31 W 2700 K

#### Length L 1200 mm

451127.000.1	L 1200, B 150, H 80	2 x LED 41 W 2700 K
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### Ceiling and wall luminaires for T16-D seamless, 3000 K recommended

#### Length L 600 mm

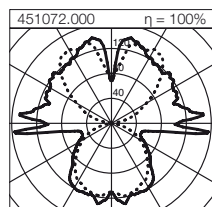
451079.750.0	L 600, B 150, H 80	2 x T16 (T5) 14 W
451079.750.1	L 600, B 150, H 80	2 x T16 (T5) 14 W
451079.750.2	L 600, B 150, H 80	2 x T16 (T5) 14 W

#### Length L 900 mm

451080.750.0	L 900, B 150, H 80	2 x T16 (T5) 21 W
451080.750.1	L 900, B 150, H 80	2 x T16 (T5) 21 W
451080.750.2	L 900, B 150, H 80	2 x T16 (T5) 21 W

#### Length L 1200 mm

451128.750.1	L 1200, B 150, H 80	2 x T16 (T5) 28/54 W
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Further luminaires  
of this series, see:  
Outdoor lighting |  
Pendant luminaires





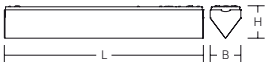
# POLYMERO® LONG

Ceiling and wall luminaires

Type of protection: IP 20  
Protection class: I

Housing: sheet steel, powder-coated, white. Diffuser: plastic (PMMA), satin finish, prismatic inside. Diffuser fastening: spring system. With EB as standard.

Available colours: 2 = white



Ceiling and wall luminaires				
311440.752	L 585, B 90, H 102	1 x T16 (T5)	14/24 W	
311441.752	L 885, B 90, H 102	1 x T16 (T5)	21/39 W	
311442.752 .Q	L 1185, B 90, H 102	1 x T16 (T5)	28/54 W	
311443.752	L 1485, B 90, H 102	1 x T16 (T5)	35/49/80 W	





## RT 44

Linear light fittings

Type of protection: IP 44,  
IP 21, if European flat plugs are used  
Protection class: I

Base: metal, powder-coated. Diffuser:  
plastic (polycarbonate), opal. End caps:  
plastic (polycarbonate), shock-resistant.

IR movement sensor parameters at a ceiling  
or wall-mounted height of min. 1,7 m

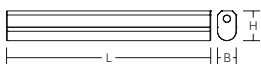
- Range 1-8 m, adjustable diameter
- Adjustable time control approx.  
3 - 30 minutes
- Range: horizontal 360° and vertical  
approx. 110°
- Switching capacity: 400 W (incandescent  
lamp) or 400 VA (fluorescent)

**Dampproof according to bathrooms  
standard DIN VDE 0100-701 (october 2008).**

Available colours (X):

2 = white, 45 = white aluminium

Please replace X of the item no. with the  
requested colour code.



### Wall and mirror luminaires

451054.75X .Q*	L 600, B 55, H 87	1 x T16 (T5)	14 W
451055.75X*	L 900, B 55, H 87	1 x T16 (T5)	21 W
<b>with movement sensor</b>			
451054.75X.19*	L 657, B 55, H 87	1 x T16 (T5)	14 W
<b>with push button switch</b>			
451056.75X*	L 644, B 55, H 87	1 x T16 (T5)	14 W
451057.75X*	L 944, B 55, H 87	1 x T16 (T5)	21 W
<b>with socket</b>			
451058.75X*	L 677, B 55, H 87	1 x T16 (T5)	14 W
451059.75X*	L 977, B 55, H 87	1 x T16 (T5)	21 W
<b>with push button switch and with socket</b>			
451060.75X .Q*	L 721, B 55, H 87	1 x T16 (T5)	14 W
451061.75X*	L 1021, B 55, H 87	1 x T16 (T5)	21 W

\* With EB as standard



# VARIOSELECT

Linear light fittings

Type of protection: **IP 40**  
Protection class: I

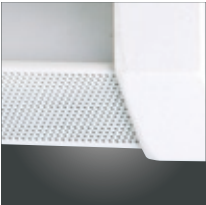
Base: aluminium, powder-coated.  
Diffuser: plastic. Antiglare hood:  
perforated metal, powder-coated.

Available colours (X):  
2 = white, 4 = silver metallic

Please replace X of the item no. with the  
requested colour code.



Linear luminaires			
Anti-glare hood: perforated metal, Diffuser: transparent plastic, prismatic L 622 mm			
42008.00X.79 .Q	L 622, B 54, H 118	1 x T26 (T8)	18 W
Anti-glare hood: perforated metal, Diffuser: plastic, opal L 622 mm			
42007.00X.79 .Q	L 622, B 54, H 118	1 x T26 (T8)	18 W







## TURNSELECT®

Linear light fittings

Type of protection: **IP 40**

Protection class: I

Base: aluminium, powder-coated. Diffuser: plastic, transparent, prismatic. Antiglare hood: perforated metal, powder-coated, rotatable.

Available colours (X):

2 = white, 4 = silver metallic

Please replace X of the item no. with the requested colour code.



### Linear luminaires

Diffuser: transparent plastic, prismatic

**L 484 mm**

421000.75X.79 .Q L 484, B 43, H 108 1 x T26 (T8) 15 W

**L 600 mm**

421041.75X\* L 600, B 43, H 108 1 x T16 (T5) 14/24 W

**L 636 mm**

421006.75X.79 .Q L 636, B 43, H 108 1 x T26 (T8) 18 W

**L 941 mm**

421012.75X.79 L 941, B 43, H 108 1 x T26 (T8) 30 W

**L 1200 mm**

421045.75X\* L 1200, B 43, H 108 1 x T16 (T5) 28/54 W

**L 1546 mm**

421030.75X.79 L 1546, B 43, H 108 1 x T26 (T8) 58 W

\* With EB as standard





## LED IT STRIP!

The old saying, honi soit qui mal y pense, or “shame on him who sees evil in the thing,” fits perfectly here, for no sexual meaning is intended. What is involved, however, is “unrolling” this celebrated strip lighting from a roll and installing it exactly as you see fit – or rather according to your needs.

LED IT STRIP - DECO is decorative strip lighting comprising a white transparent UV resistant LED strip that is wound onto a roll and can be joined or cut at 180 mm intervals. LED IT STRIP - DECO can be installed on the desired structure or underground using a clip, bracket or clamp fastener. Longitudinal, L-shaped, T-shaped, U-shaped, cross-shaped, and flexible connectors are available as accessories for strip interconnection purposes, and these interconnecting elements have no effect on the lighting's IP rating.

The creative possibilities are limitless from a technical standpoint as well, since ballasts ranging from 18 to 100 watts are available (depending on system length), whereby the 100 watt control gear allows for a 25 meter strip lighting installation.



## LED IT STRIP

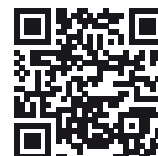
LED strip

Type of protection: IP 20

Protection class: III

Flexible LED strip on a roll, divisible in 180 mm increments, UV-stable PVC.

Available colours: 2 = white



### LED light channel

Colour temperature 3500 K, beam angle  $\beta$  120°

Length L 5000 mm

2040050105	L 5000, B 10, H 3	LED 18,5 W 3500 K = 3.7 W/150 lm/m
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Length L 15000 mm

2040353011	L 15000, B 10, H 3	LED 55,5 W 3500 K = 3.7 W/150 lm/m
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Length L 25000 mm

2040283010	L 25000, B 10, H 3	LED 92,5 W 3500 K = 3.7 W/150 lm/m
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Colour temperature 6500 K, beam angle  $\beta$  120°

Length L 5000 mm

2040060105	L 5000, B 10, H 3	LED 18,5 W 6500 K = 3.7 W/200 lm/m
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Length L 15000 mm

2040653011	L 15000, B 10, H 3	LED 55,5 W 6500 K = 3.7 W/200 lm/m
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Length L 25000 mm

2040060405	L 25000, B 10, H 3	LED 92,5 W 6500 K = 3.7 W/200 lm/m
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### Accessories

Fasteners (bag of 10 pieces, 2 bags necessary for 5 m)

6200200405	Clip fixing	L 10, B 14, H 9
6200200505	Bow fixing	L 10, B 29, H 3
6200200605	Clamp fixing	L 16, B 21, H 4

### Electrical supply

6200200105 with 150 mm cable

### End cap

6200200305	End cap	L 8, B 14, H 12
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### Flexible connectors

6200201805	Flexible connector with 100 mm cable
6200201105	Flexible connector with 150 mm cable
6200201905	Flexible connector with 300 mm cable
6200202005	Flexible connector with 600 mm cable

### Rigid joints

6200202705	Longitudinal connector	L 25, B 22, H 14
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### Transformers 24 V, type of protection IP 67

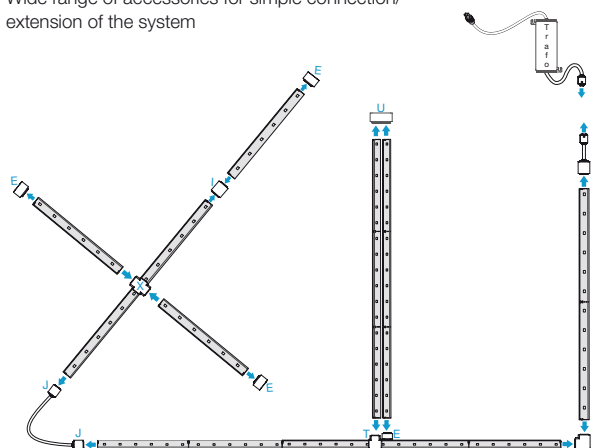
5420101805	18 W, max. system length: 4.5 m	L 120 x B 35 x H 28
5421103005	30 W, max. system length: 7.5 m	L 145 x B 45 x H 35
5422106005	60 W, max. system length: 15 m	L 185 x B 53 x H 40
5423110005	100 W, max. system length: 25 m	L 185 x B 53 x H 40

IP 65



- Flexible LED strip on a roll
- Divisible at 180 mm intervals
- Up to 25 m length with a converter
- Very low mounting height of 5.5 mm
- No need to seal with silicone when shortening or lengthening
- No need to solder
- Connected using a standard pipe wrench by exerting pressure on the joining element

Wide range of accessories for simple connection/extension of the system



## LED IT STRIP

LED strip

Type of protection: **IP 65**

Protection class: III

Flexible LED strip on a roll, divisible in 180 mm increments, UV-stable PVC.

Available colours: 2 = white

**LED**

### LED light channel

Colour temperature 3000 K, beam angle  $\beta$  120°

#### Length L 5000 mm

4037050205	L 5000, B 12, H 6	LED 18,5 W 3000 K = 3.7 W/150 lm/m
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#### Length L 15000 mm

4037050305	L 15000, B 12, H 6	LED 55,5 W 3000 K = 3.7 W/150 lm/m
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#### Length L 25000 mm

4037050105	L 25000, B 12, H 6	LED 92,5 W 3000 K = 3.7 W/150 lm/m
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Colour temperature 6500 K, beam angle  $\beta$  120°

#### Length L 5000 mm

4037060205	L 5000, B 12, H 6	LED 18,5 W 6500 K = 3.7 W/200 lm/m
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#### Length L 15000 mm

4037060305	L 15000, B 12, H 6	LED 55,5 W 6500 K = 3.7 W/200 lm/m
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#### Length L 25000 mm

4037060105	L 25000, B 12, H 6	LED 92,5 W 6500 K = 3.7 W/200 lm/m
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### Accessories

#### Fasteners (bag of 10 pieces, 2 bags necessary for 5 m)

6401500105	Clip fixing	L 10, B 14, H 9
6401500205	Bow fixing	L 10, B 32, H 7
6401500305	Clamp fixing	L 15, B 21, H 7

#### Electrical supply

6401401405	with 150 mm cable
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#### End cap

6401402105	End cap	L 12, B 22, H 11
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#### Flexible connectors

6401402305	Flexible connector with 100 mm cable
6401402005	Flexible connector with 150 mm cable
6401402405	Flexible connector with 300 mm cable
6401402505	Flexible connector with 600 mm cable

#### Rigid joints

6401401505	Longitudinal connector	L 25, B 22, H 14
6401401605	U-shaped connector	L 15, B 38, H 14
6401401705	T-connector	L 25, B 22, H 14
6401401805	Cross connector	L 29, B 38, H 14
6401401905	L-shaped connector	L 30, B 30, H 14
6401403905	4-way-splitter	L 250, B 45, H 10

#### Channel (bag of 2 pieces)

6401402205	Plastic white channel	L 1000, B 16, H 10
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#### Transformers 24 V, type of protection IP 67

5420101805	18 W, max. system length: 4.5 m	L 120 x B 35 x H 28
5421103005	30 W, max. system length: 7.5 m	L 145 x B 45 x H 35
5422106005	60 W, max. system length: 15 m	L 185 x B 53 x H 40
5423110005	100 W, max. system length: 25 m	L 185 x B 53 x H 40











Please do not hesitate to contact us for information and individual planning advice. The profiles can be manufactured in different lengths, other light colours, with different controls (DMX, DALI, etc.) to customer's specifications.



## LINEAR SYSTEM

LED profile strip lights

Type of protection:  
**IP 67** / ballasts IP 20  
Protection class: I



Housing element: anodised aluminium, IP 67 resin coated LED element (clear resin coating for RGB, opaque resin coating for white light). 1.5 m connection cable, double insulated, with open ends; exit from behind via groove to the side, end cap without groove. Fastening: M4 stainless steel nuts and two magnetic holders.

**Modular design: control gears for LED profiles must be ordered separately.**

Available colours: 4 = aluminium, anodised



### LED Linear System

Light colour: 3000 K

Length L 990 mm

Luminous flux: 815 lm

75.1005.04 L 990, B 18, H 10

LED 10,9 W 3000 K/112°/112°

Light colour: 4500 K

Length L 990 mm

Luminous flux: 815 lm

75.1007.04 L 990, B 18, H 10

LED 10,9 W 4500 K/112°/112°

for RGB controls

Length L 910 mm

75.1009.04

L 910, B 18, H 10

LED 12,5 W RGB/112°/112°

### Modules

LED converter

for max. 35 W, strain relief included, suitable for up to 2 x L 990 mm or 2 x 1000 mm linear system

981821.000 for 1 x 30 W LED

RGB sequencer for colour sequence control

Speed setting, incl. static colour setting, IP 20

DALI input port for separate controls

suitable for up to 2 x L 910 mm or 3 x L 510 mm

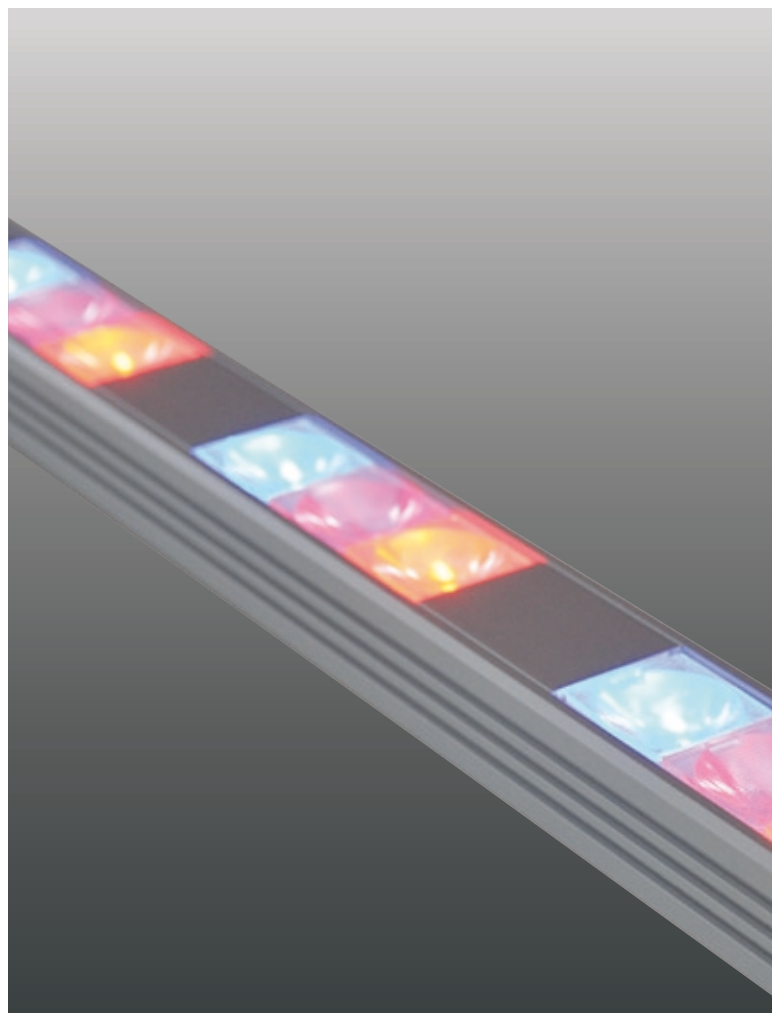
981822.000 for 25 W LED

### Accessories | pivoting element for LED track lighting luminaires

Mounting bracket: aluminium, for Linear System and High Power, ceiling and wall mounting; swivel range: 240°; flexibly adjustable on the profile

### Pivoting element for LED track lighting

75.1034.00



## HIGH POWER

LED profile strip lights

Type of protection:  
IP 20 incl. ballast / **IP 65** and  
**IP 40** profile versions available  
Protection class: I

Housing element: anodised aluminium; LED element with 7 LED modules; sealed glass cover for IP 65 version; end cap. Fastening: M4 stainless steel nuts and three magnetic holders for IP 40 version. Different optics, two light colours and RGB. Ready for installation, including required ballasts and mains plug, with 1.5 m connection cable, connected cable between ballast and LED profile: 1.5 m (RGB version with plug-in connector); cable inlet: on the rear side (IP 65 version) / on the front side (IP 40 version).

Available colours: 4 = aluminium, anodised

**LED**



### High Power

Light colour: 4500 K / Luminous flux: 1400 lm

Type of protection: **IP 40**

75.1017.04 L 900, B 32, H 22 LED 18 W 4500 K/49°/46°

Type of protection: **IP 65**

75.1029.04 L 900, B 38, H 25 LED 18 W 4500 K/49°/46°

Light colour: 3000 K / Luminous flux: 1200 lm

Type of protection: **IP 40**

75.1016.04 L 900, B 32, H 22 LED 18 W 3000 K/49°/46°

Type of protection: **IP 65**

75.1028.04 L 900, B 38, H 25 LED 18 W 3000 K/49°/46°

**RGB version with sequencer for preset colour sequence, colour presetting options: red, green, blue**

Type of protection: **IP 40**

75.1018.04 L 900, B 32, H 22 LED 46 W RGB/49°/46°

Type of protection: **IP 65**

75.1030.04 L 900, B 38, H 25 LED 46 W RGB/49°/46°

### Accessories | pivoting element for LED track lighting luminaires

Mounting bracket: aluminium, for Linear System and High Power, ceiling and wall mounting; swivel range: 240°; flexibly adjustable on the profile

### Pivoting element for LED track lighting

75.1034.00







German  
Design Award  
2012

SILVER



## PURISM MEETS PERFECTION

ARENO is a veritable classic, one that is unmatched when it comes to functionality, timelessness, and versatility. Its legendary glass oval is a joy to behold, while its corpus blends in perfectly in any setting. And while something so perfect does not really lend itself to improvement, it can be reinterpreted, so long as this is done with the requisite sensitivity to and knowledge of the requirements of contemporary lighting technology.



## ARENO®

Ceiling and wall luminaires

Type of protection: **IP 65**

Protection class: I

**LED**

Base: die-cast aluminium, powder-coated.

With three cable inlets: M20x1.5. Cover:

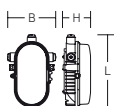
glass, painted white inside, textured. Bezel

ring: die-cast aluminium. Screw mounting.

Drill holes on the inside, with silicone seal.

LED included.

Available colours: 4 = silver metallic



### Die-cast aluminium oval bulkhead luminaires

501025.004	L 227, B 141, H 87	3 x LED 4 W 6300 K
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reddot design award  
winner 2010







# ALU-STANDARD LED

Ceiling and wall luminaires

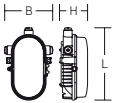
Type of protection: **IP 54**  
Protection class: I

**LED**

Base: die-cast aluminium, powder-coated;  
with screw mounting for stainless steel  
wire ring; textured crystal glass, satin finish;  
3 cable entries M20 x 1,5.

LED included.

Available colours: 4 = silver metallic



## Ceiling and wall luminaires

501022.004 .Q	L 210, B 130, H 85	2 x LED 4 W 6300 K
501023.004	L 210, B 130, H 85	3 x LED 4 W 6300 K





## MAXI ALUMINIUM OVAL BULKHEAD LUMINAIRE

Ceiling and wall luminaires



Type of protection: **IP 65**

Protection class: I

Base: die-cast aluminium, power-coated.

Cover: moulded glass, frosted inside.

With 2 screws for die-cast aluminium protective cage, 2 cable inlets: 1 cable screw fitting and 1 blind plug, metal.

LED version: 2 locking plugs.

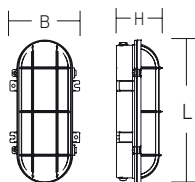
LED included.

Available colours (X): 2 = white,

31 = anthracite metallic, 4 = silver metallic

Please replace X of the item no. with the requested colour code.

**LED**



### Ceiling and wall luminaires

501011.00X	L 430, B 200, H 130	2 x E27® 60 W
501021.00X	L 430, B 200, H 130	5 x LED 4 W 6300 K
501015.86X.79	L 430, B 200, H 130	1 x TC-F 36 W
501016.98X.79	L 430, B 200, H 130	1 x TC-L 24 W

# Recessed downlights









## HELEDON® ROUND

Recessed downlights

Type of protection:

23 = LED, 43 = QT, HIT

Protection class: I = LED, HIT, II = QT

Housing: aluminium (LED) sheet steel, powder-coated (HIT/QT). Magnetically attached die-cast aluminium masking frame with aluminium reflector, highly polished anodised finish.

HIT versions: EB incorporated in separate box.

LED versions: Dimmable with phase control dimmer.

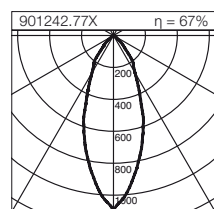
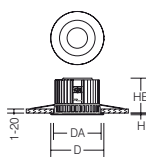
**Modular design: the LED module needs to be ordered separately for each luminaire.**

Available colours (X):

2 = white, 4 = silver metallic

Please replace X of the item no. with the requested colour code.

**LED**



Further luminaires of this series, see:  
Indoor lighting |  
Surface mounted  
downlights

### Recessed downlights

Ceiling cutout DA 140 mm, HE 110 mm

901222.07X	D 153, H 4	1 x QT12 (axial) 60 W/40° GY6,35
901242.77X	D 153, H 4	1 x HIT-TC-CE 35 W/40° GU6,5

### Recessed downlights with LED

Ceiling cutout DA 140 mm, HE 110 mm

901180.00X	D 153, H 4	1 x LED/60°
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### Modules

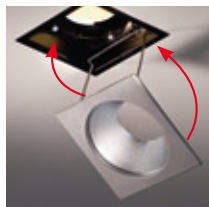
LED modules Fortimo Twistable 1100 lm

must be ordered separately

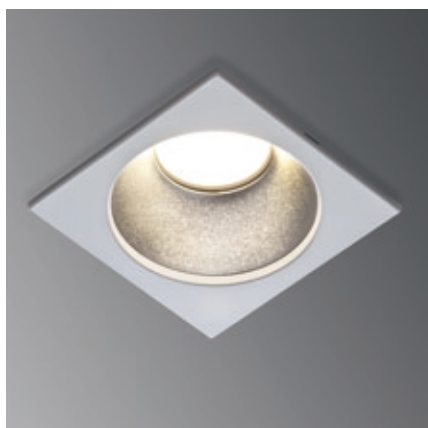
10-3054	Fortimo TDLM 1100 18 W/840 230 V
10-3055	Fortimo TDLM 1100 20 W/827 230 V
10-3056	Fortimo TDLM 1100 20 W/830 230 V



HIT/QT version



Lamps can be replaced easily and without the use of tools thanks to reflectors that swing downwards and have a magnetic catch



## HELEDON® SQUARE

Recessed downlights

Type of protection:

23 = LED, 43 = QT, HIT

Protection class: I = LED, HIT, II = QT

Housing: aluminium (LED) sheet steel, powder-coated (HIT/QT). Magnetically attached die-cast aluminium masking frame with aluminium reflector, highly polished anodised finish.

HIT versions: EB incorporated in separate box.

LED versions: Dimmable with phase control dimmer.

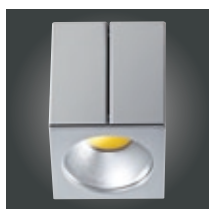
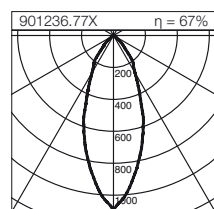
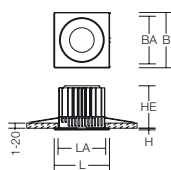
**Modular design: the LED module needs to be ordered separately for each luminaire.**

Available colours (X):

2 = white, 4 = silver metallic

Please replace X of the item no. with the requested colour code.

**LED**



Further luminaires of this series, see:  
Indoor lighting |  
Surface mounted downlights

### Recessed downlights

#### Ceiling cutout LA 120 x BA 120 mm, HE 110 mm

901225.07X	L 135, B 135, H 4	1 x QT12 (axial) 60 W/40° GY6,35
901236.77X	L 135, B 135, H 4	1 x HIT-TC-CE 35 W/40° GU6,5

### Recessed downlights with LED

#### Ceiling cutout LA 120 x BA 120 mm, HE 110 mm

901194.00X	L 135, B 135, H 4	1 x LED/60°
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### Modules

#### LED modules Fortimo Twistable 1100 lm

must be ordered separately

10-3054	Fortimo TDLM 1100 18 W/840 230 V
10-3055	Fortimo TDLM 1100 20 W/827 230 V
10-3056	Fortimo TDLM 1100 20 W/830 230 V



HIT/QT version





# ARELO®

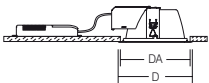
Recessed downlights

Type of protection: **IP 23**  
Protection class: I

Recessed ring: die-cast aluminium, powder-coated. Bracket: sheet steel, galvanised. Reflector: aluminium, highly polished anodised finish.

Electronic ballast in separate ballast box, length of cable between luminaire and ballast box: 400 mm, suitable for through-wiring.

Available colours: 2 = white



## Recessed downlights

Ceiling cutout DA 200 mm, recessed height HE 106 mm

### one lamp

911102.962.79	D 218, H 3	1 x TC-DEL	18 W
911103.952.79 .Q	D 218, H 3	1 x TC-DEL	26 W

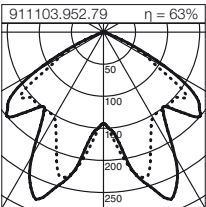
### two lamps

911106.962.79 .Q	D 218, H 3	2 x TC-DEL	18 W
911100.952.79 .Q	D 218, H 3	2 x TC-DEL	26 W

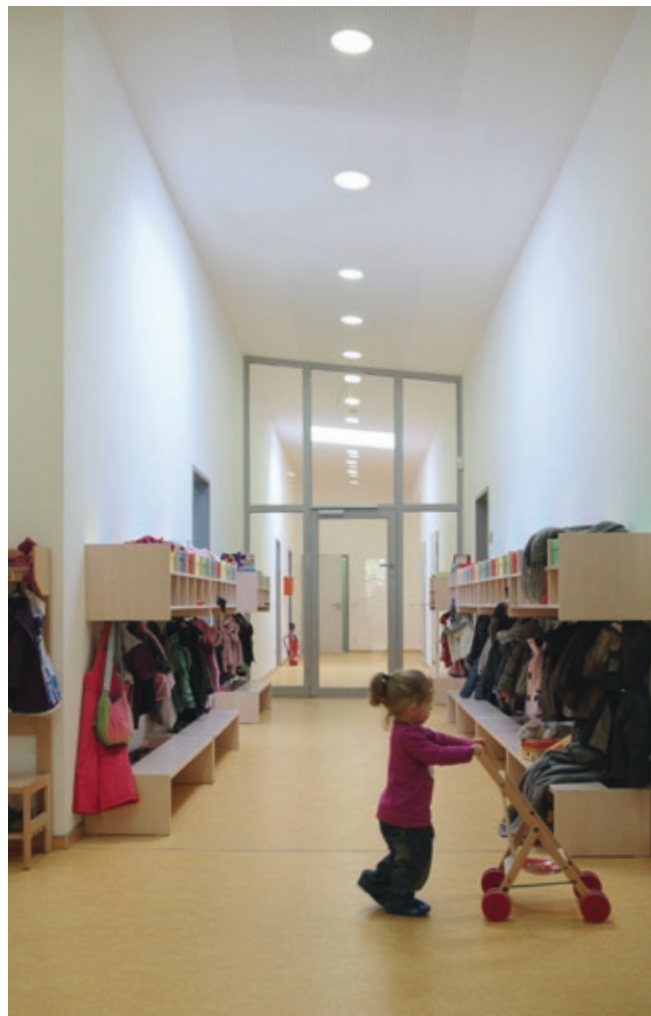
## Accessories

**Safety glasses with spring fastening IP 43**

981734.000	Safety glass, transparent
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## TOLEDO ROUND

Recessed downlights

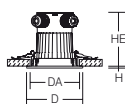
Type of protection: **IP 44**  
Protection class: I

**LED**

Recessed ring: die-cast aluminium, powder-coated. Built-on ballast box: sheet steel and plastic. Spring fastening. Diffuser: plastic, opal, recessed, suitable for through-wiring.

LED included.

Available colours: 2 = white



### Recessed downlights

#### Toledo Round 100, ceiling cutout DA 105 mm, HE 112 mm

**Luminous flux: 350 lm**

2042050405 D 120, H 3 1 x LED 10 W 2800 K

**Luminous flux: 400 lm**

2042070405 D 120, H 3 1 x LED 10 W 4000 K

#### Toledo Round 150, ceiling cutout DA 178 mm, HE 105 mm

**Luminous flux: 650 lm**

2018050105 D 190, L 279, H 2 1 x LED 16 W 2800 K

**Luminous flux: 700 lm**

2018070105 D 190, L 279, H 2 1 x LED 16 W 4000 K

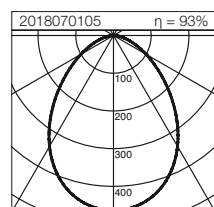
#### Toledo Round 200, ceiling cutout DA 202 mm, HE 127 mm

**Luminous flux: 1200 lm**

2043050405 D 229, H 5 1 x LED 25 W 2800 K

**Luminous flux: 1300 lm**

2043070405 D 229, H 5 1 x LED 25 W 4000 K





## TOLEDO SQUARE 150

Recessed downlights

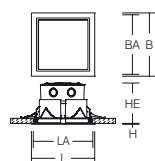
Type of protection: **IP 44**  
Protection class: I

**LED**

Recessed frame: die-cast aluminium, powder-coated. Built-on ballast box: sheet steel and plastic. Spring fastening. Diffuser: plastic, opal, recessed, suitable for through-wiring.

LED included.

Available colours: 2 = white



### Recessed downlights

Ceiling cutout LA 175 x BA 175 mm, HE 115 mm

Luminous flux: 650 lm

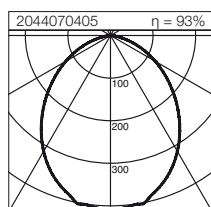
2044050405 L 187, B 187, H 3

1 x LED 16 W 2800 K

Luminous flux: 700 lm

2044070405 L 187, B 187, H 3

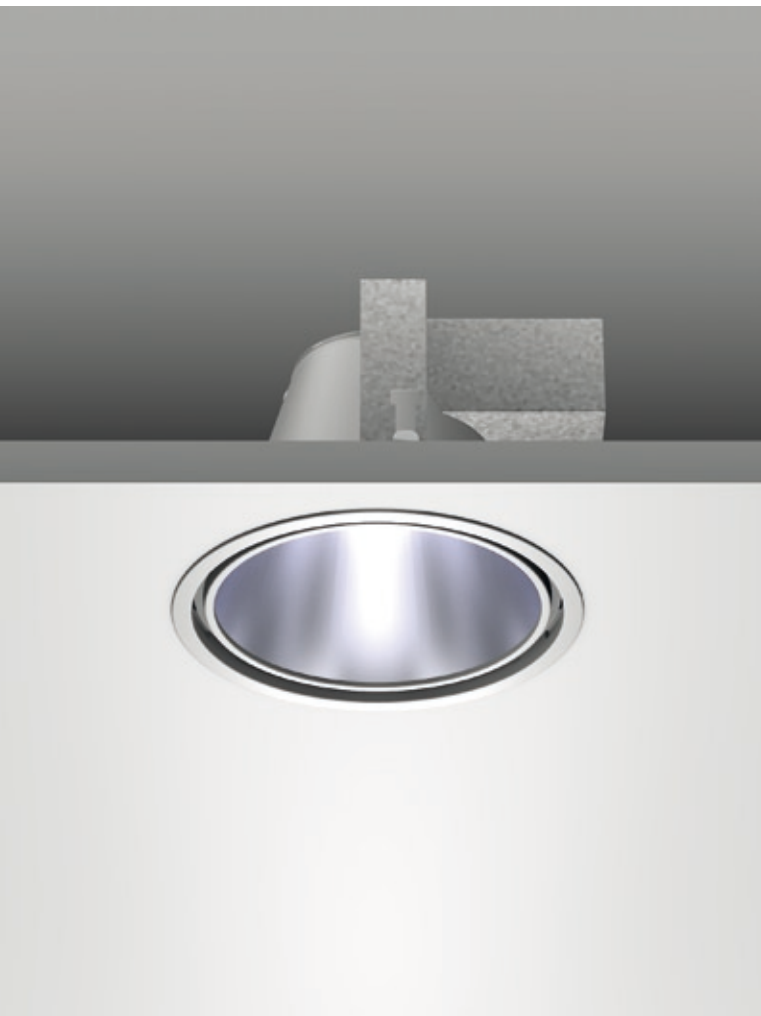
1 x LED 16 W 4000 K



.79 = With EB | .Q = Quick service (stock articles)

Specifications subject to alteration. Other options and accessories can be found in the current product selection guide or in the Internet under [www.rzb-lighting.com](http://www.rzb-lighting.com)





## PASCALA®

Recessed downlights

Type of protection:

IP 20, **IP 54** with corresponding accessories

Protection class: I

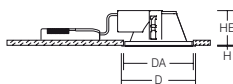
Zinced steel-plate mounting bracket and base; die-cast aluminium inner and closure ring; truncated-cone reflector with cover plate; reflector material: **MIRO-SILVER**, with 98 percent total light reflection.

Standard with EB in a separate ballast box.

Available colours (X):

2 = white, 4 = silver metallic

Please replace X of the item no. with the requested colour code.



A selection of decorative design glasses for PASCALA



## ELEGANT EFFICIENCY

Efficiency and elegance are far more closely related than you might think. For a supremely efficient luminaire like the Pascala gives you virtually unlimited freedom to realize innovative lighting designs that are not only pleasing to the eye but that also provide excellent lighting – and pay for themselves within a very short time.



product  
design  
award  
2012



reddot design award  
winner 2012



### Recessed downlights

**Flat version, ceiling cutout DA 228 mm, HE 110 mm, UGR < 22**

901207.84X	D 241, H 3	1 x TC-TEL 18 W
901208.81X	D 241, H 3	1 x TC-TEL 26/32 W
901209.22X	D 241, H 3	1 x TC-TEL 42 W

**High version, ceiling cutout DA 228 mm, HE 170 mm,**

**UGR < 19 - computer workstation enabled**

901215.83X	D 241, H 3	1 x TC-TEL 26 W
901216.81X	D 241, H 3	1 x TC-TEL 32 W
901217.22X	D 241, H 3	1 x TC-TEL 42 W

### Accessories

**Diffuser: safety glass IP 54**

981753.00X	transparent
981753.01X	matt
981753.02X	centre: matt
981753.03X	centre: transparent

**Decorative attachment (hanging down)**

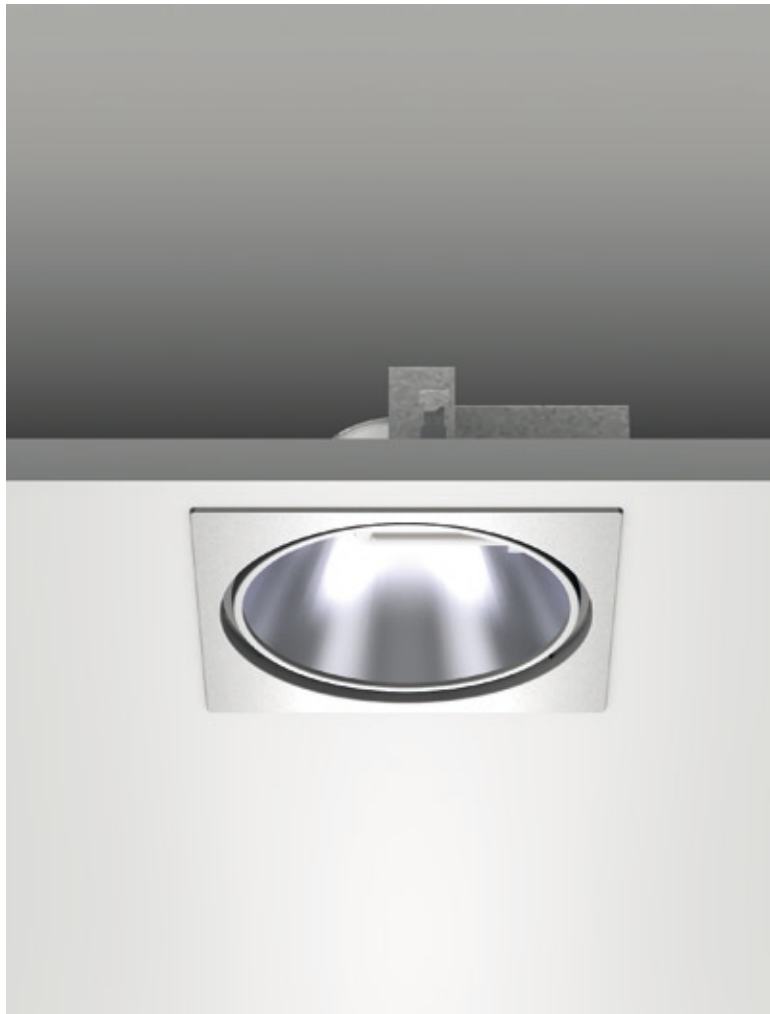
981758.000	transparent
981758.002	matt
981758.010	centre: matt
981758.020	centre: transparent

**Decorative designer glass cover with lens IP 54**

981757.00X	transparent
981757.01X	matt
981757.03X	floor: partially matt (with transparent centre)
981757.02X	floor: matt



Pascala is also available for use with HID lamps



## PASCALA® SQUARE

Recessed downlights

Type of protection:

IP 20, **IP 54** with corresponding accessories

Protection class: I

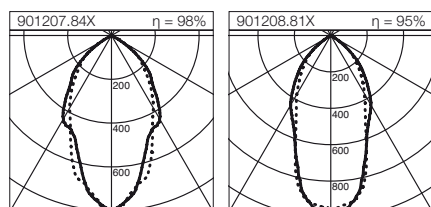
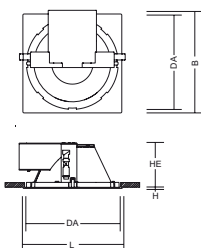
Zincked steel-plate mounting bracket and base; die-cast aluminium inner ring and quadratic cover; truncated-cone reflector with cover plate; reflector material: **MIRO-SILVER**, with 98 percent total light reflection.

Standard with EB in a separate ballast box.

Available colours (X):

2 = white, 4 = silver metallic

Please replace X of the item no. with the requested colour code.



### Recessed downlights

**Flat version, ceiling cutout DA 228 mm, HE 110 mm, UGR < 22**

901305.84X	L 242, B 242, H 3	1 x TC-TEL 18 W
901306.81X	L 242, B 242, H 3	1 x TC-TEL 26/32 W
901307.22X	L 242, B 242, H 3	1 x TC-TEL 42 W

**High version, ceiling cutout DA 228 mm, HE 170 mm, UGR < 19 - computer workstation enabled**

901299.83X	L 242, B 242, H 3	1 x TC-TEL 26 W
901300.81X	L 242, B 242, H 3	1 x TC-TEL 32 W
901301.22X	L 242, B 242, H 3	1 x TC-TEL 42 W

### Accessories Pascala Square

#### Decorative attachment (hanging down)

981675.030	transparent
981675.032	matt
981675.040	centre: matt
981675.050	centre: transparent

#### Square accessory with quadratic cover as supplement to the round Pascala luminaire

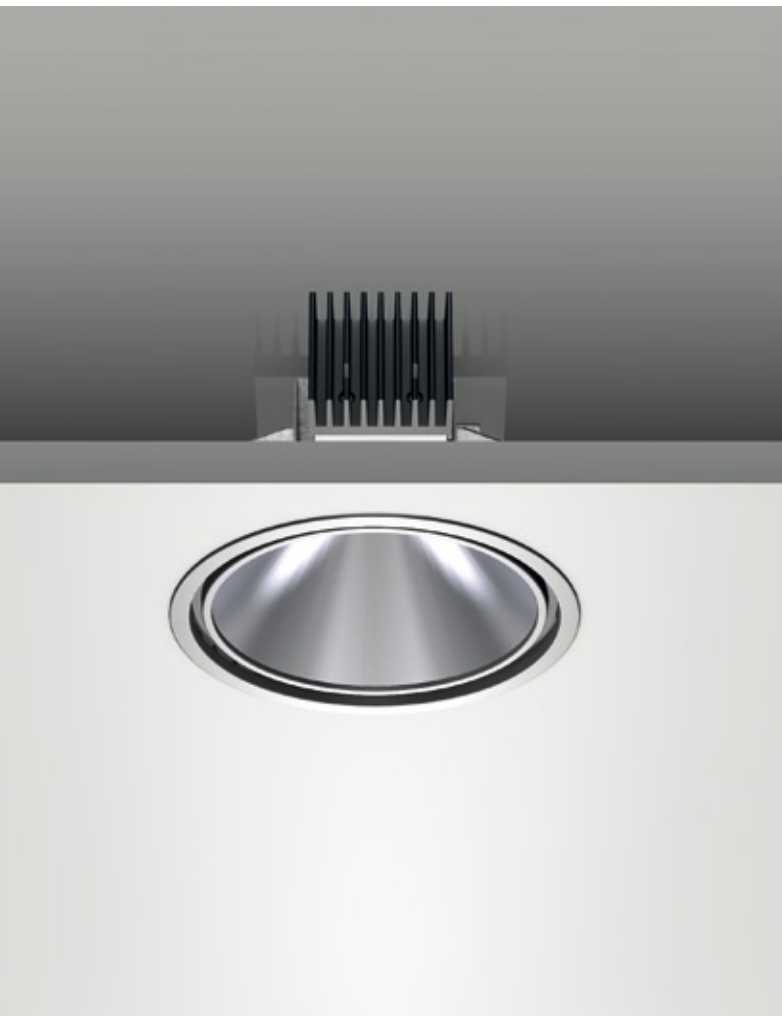
##### Diffuser: safety glass IP 54

981895.00X	transparent
981895.01X	matt
981895.02X	centre: matt
981895.03X	centre: transparent

##### Decorative designer glass cover with lens IP 54

981899.00X	transparent
981899.01X	matt
981899.03X	floor: partially matt (with transparent centre)
981899.02X	floor: matt





## PASCALA® LED

Recessed downlights

Type of protection: IP 20, **IP 54**  
with corresponding accessories  
Protection class: I

Zincked steel-plate mounting bracket;  
die-cast aluminium inner and closure ring;  
truncated-cone reflector with cover plate;  
reflector material: **MIRO-SILVER** with 98  
percent total light reflection.

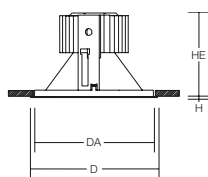
LED included.

**Modular design: ballast needs to be  
ordered separately for each LED module.**

Available colours (X):  
2 = white, 4 = silver metallic

Please replace X of the item no. with the  
requested colour code.

**LED**



A selection of decorative design glasses for PASCALA can be found on page 116



reddot design award  
winner 2012



### Recessed downlights

**With Fortimo DLM 2000 lm LED module**  
**Ceiling cutout DA 228 mm, HE 181 mm**

901246.00X	D 241, H 2	1 x LED 22 W 4000 K
901245.00X	D 241, H 2	1 x LED 24 W 3000 K

**With Fortimo DLM 3000 lm LED module**  
**Ceiling cutout DA 228 mm, HE 191 mm**

901262.00X	D 241, H 2	1 x LED 41 W 4000 K
901261.00X	D 241, H 2	1 x LED 44 W 3000 K

### Modules

**Ballast for LED module including plug connection**

981735.000	for LED module 1100 - 3000 lm
981741.000	for LED module 1100 - 3000 lm Digitally dimmable (DALI)

### Recessed downlights

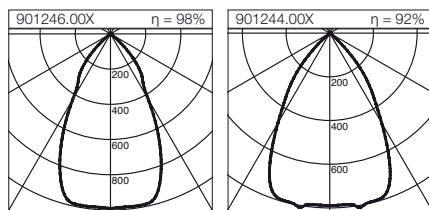
**LED Fortimo Twistable module must be ordered separately**  
**Ceiling cutout DA 228 mm, HE 160 mm**

901244.00X	D 241, H 2	1 x LED
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### Modules

**LED modules Fortimo Twistable 1100 lm  
must be ordered separately**

10-3054	Fortimo TDLM 1100 18 W/840 230 V
10-3055	Fortimo TDLM 1100 20 W/827 230 V
10-3056	Fortimo TDLM 1100 20 W/830 230 V



## PASCALA® SQUARE LED

Recessed downlights

Type of protection: IP 20, **IP 54**  
with corresponding accessories  
Protection class: I

Zincked steel-plate mounting bracket; die-cast aluminium inner ring and quadratic cover; truncated-cone reflector with cover plate; reflector material: **MIRO-SILVER** with 98 percent total light reflection.

LED included.

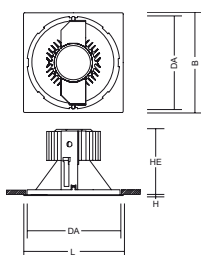
**Modular design: ballast needs to be ordered separately for each LED module.**

Available colours (X):  
2 = white, 4 = silver metallic

Please replace X of the item no. with the requested colour code.

A selection of decorative design glasses for PASCALA SQUARE LED can be found on page 117

**LED**



### Recessed downlights

**With Fortimo DLM 2000 lm LED module**  
Ceiling cutout DA 228 mm, HE 181 mm

901312.00X	L 242, H 242, H 2	1 x LED 22 W 4000 K
901313.00X	L 242, H 242, H 2	1 x LED 24 W 3000 K

**With Fortimo DLM 3000 lm LED module**  
Ceiling cutout DA 228 mm, HE 191 mm

901314.00X	L 242, H 242, H 2	1 x LED 41 W 4000 K
901315.00X	L 242, H 242, H 2	1 x LED 44 W 3000 K

### Modules

**Ballast for LED module including plug connection**

981735.000	for LED module 1100 - 3000 lm
981741.000	for LED module 1100 - 3000 lm Digitally dimmable (DALI)

### Recessed downlights

**LED Fortimo Twistable module must be ordered separately**  
Ceiling cutout DA 228 mm, HE 160 mm

901311.00X	L 242, H 242, H 2	1 x LED
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### Modules

**LED modules Fortimo Twistable 1100 lm**

**must be ordered separately**

10-3054	Fortimo TDLM 1100 18 W/840 230 V
10-3055	Fortimo TDLM 1100 20 W/827 230 V
10-3056	Fortimo TDLM 1100 20 W/830 230 V





## ENERGGO® LED 175

Recessed downlights

Type of protection: **IP 23** with bezel ring without safety glass, **IP 44** with bezel ring including safety glass  
Protection class: I

**LED**

**Modular design: A bezel ring must always be ordered for each basic luminaire!**

Recessed and bezel ring: die-cast aluminium; bezel ring with bayonet fastening, Bracket: galvanised sheet steel, reflector: aluminium, highly polished anodised finish, Ceiling installation: spring system, LED converter in separate box, with connecting cable (L 400 mm), 5-pole terminal for through-wiring. Passive cooling with 2000 lm, active cooling with 3000 lm.

Available colours bezel ring (X):

2 = white, 4 = silver metallic

Please replace X of the item no. with the requested colour code.



**Basic luminaires**  
for bezel rings with safety glass or decorative attachment

Ceiling cutout DA 175 mm, HE 210 mm

**Luminous flux: 2000 lm, passive cooling**

901292.004 D 194, H 4

1 x LED 32 W 3000 K

**Luminous flux: 3000 lm, active cooling**

901294.004 D 194, H 4

1 x LED 43 W 3000 K

### Modules

**Bezel rings with decorative attachment, D 200 mm, H 38 mm**

981654.00X Decorative attachment, transparent

**Bezel rings with safety glass, D 194 mm, H 9 mm**

981653.01X Safety glass, matt

A selection of decorative design glasses and safety glasses for ENERGGO® LED.







## ENERGO® TC 140

Recessed downlights

Type of protection:

**IP 44** with bezel ring including safety glass

Protection class: I

**Modular design: A bezel ring must always be ordered for each basic luminaire!**

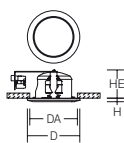
Recessed and bezel ring: die-cast aluminium. Bezel ring with bayonet fixing. Bracket: metal, galvanised. Fastening: spring system. Reflector: aluminium, highly polished anodised finish.

EB in separate ballast box with connecting cable (L 400 mm). 5-pole terminal for through-wiring.

Available colours bezel ring (X):

2 = white, 4 = silver metallic

Please replace X of the item no. with the requested colour code.



**Basic luminaires  
for bezel rings with safety glass**

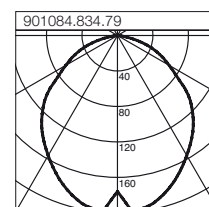
Ceiling cutout DA 140 mm, HE 100 mm,  $\beta$  100°

901084.834.79 .Q D 150, H 4 1 x TC-TEL 26 W

**Modules**

**Bezel rings with safety glass, D 156 mm, H 8 mm**

981651.00X Safety glass, transparent



A selection of safety glasses for ENERGO® TC



## ENERGO® TC 175

Recessed downlights

Type of protection: **IP 23** with bezel ring without safety glass,  
**IP 44** with bezel ring including safety glass  
 Protection class: I

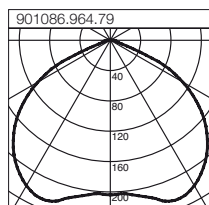
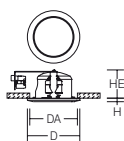
**Modular design: A bezel ring must always be ordered for each basic luminaire!**

Recessed and bezel ring: die-cast aluminium. Bezel ring with bayonet fixing. Bracket: metal, galvanised. Reflector: aluminium, highly polished anodised finish. Ceiling mounting by spring system.

EB in separate ballast box with connecting cable (L 400 mm). 5-pole terminal for through-wiring.

Available colours bezel ring (X):  
 2 = white, 4 = silver metallic

Please replace X of the item no. with the requested colour code.



**Basic luminaires**  
**for bezel rings with safety glass or decorative attachment**  
 Ceiling cutout DA 175 mm, HE 100 mm,  $\beta$  117°

901086.964.79 .Q D 188, H 4 2 x TC-DEL 18 W

### Modules

**Bezel rings with decorative attachment, D 200 mm, H 38 mm**

981654.00X Decorative attachment, transparent

**Bezel rings with safety glass, D 194 mm, H 9 mm**

981653.01X Safety glass, matt

A selection of safety glasses, decorative design glasses and anti-glare screens for ENERGO® TC







## ENERGO® TC 210

Recessed downlights

Type of protection:

**IP 23** with bezel ring without safety glass,

**IP 44** with bezel ring including safety glass

Protection class: I

**Modular design: A bezel ring must always be ordered for each basic luminaire!**

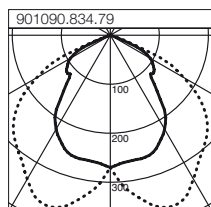
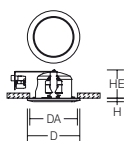
Recessed and bezel ring: die-cast aluminium. Bezel ring with bayonet fixing. Bracket: metal, galvanised. Reflector: aluminium, highly polished anodised finish. Ceiling mounting by spring system.

EB in separate ballast box with connecting cable (L 400 mm). 5-pole terminal for through-wiring.

Available colours bezel ring (X):

2 = white, 4 = silver metallic

Please replace X of the item no. with the requested colour code.



**Basic luminaires with Multi EB (26-32 W) for bezel rings with safety glass or decorative attachment**

**Ceiling cutout DA 210 mm, HE 120 mm,  $\beta$  115°**

901090.834.79 .Q D 220, H 4 2 x TC-TEL 26/32 W

### Modules

**Bezel rings with decorative attachment, D 250 mm, H 38 mm**

981660.00X Decorative glass, transparent

**Bezel rings with safety glass, D 227 mm, H 9 mm**

981659.01X Safety glass, matt



A selection of safety glasses, decorative design glasses and anti-glare screens for ENERGO® TC





## ENERGO® TC 245

Recessed downlights

Type of protection:

**IP 23** with bezel ring without safety glass,

**IP 44** with bezel ring including safety glass

Protection class: I

**Modular design: A bezel ring must always be ordered for each basic luminaire!**

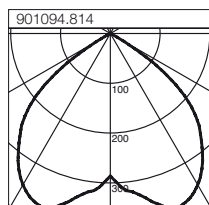
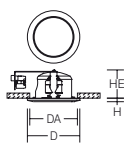
Recessed and bezel ring: die-cast aluminium. Bezel ring with bayonet fixing. Bracket: metal, galvanised. Reflector: aluminium, highly polished anodised finish. Ceiling mounting by spring system.

EB in separate ballast box with connecting cable (L 400 mm). 5-pole terminal for through-wiring.

Available colours bezel ring (X):

2 = white, 4 = silver metallic

Please replace X of the item no. with the requested colour code.



**Basic luminaires with Multi EB (26-42 W)  
for bezel rings with safety glass or decorative attachment**

Ceiling cutout DA 242 mm, HE 163 mm,  $\beta$  110°

901094.814 .Q D 250, H 4 2 x TC-TEL 26/32/42 W

### Modules

**Bezel rings with decorative attachment, D 310 mm, H 38 mm**

981666.00X Decorative attachment, transparent

**Bezel rings with safety glass, D 259 mm, H 9 mm**

981665.01X Safety glass, matt



A selection of safety glasses, decorative design glasses and anti-glare screens for ENERGO® TC





## ENERGO® TC IP 65

Recessed downlights

Type of protection: **IP 65**

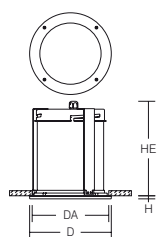
Protection class: I

Recessed and bezel ring: die-cast aluminium. Safety glass: transparent. Bracket and housing: metal, black. Reflector: aluminium, highly polished anodised finish. Integrated EB.

Available colours (X):

2 = white, 4 = silver metallic

Please replace X of the item no. with the requested colour code.

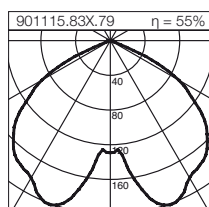


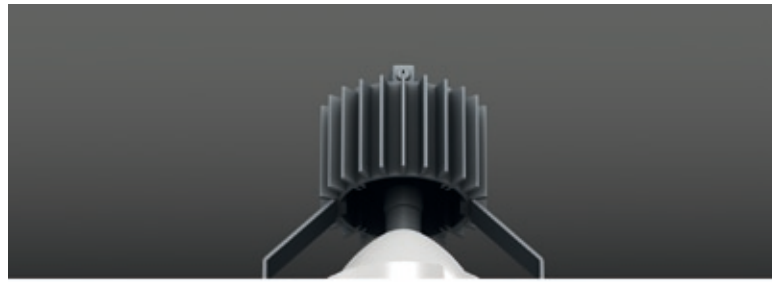
### Complete luminaires

Ceiling cutout DA 225 mm, HE 260 mm,  $\beta$  120°

901115.83X.79 .Q D 240, H 6

2 x TC-TEL 26 W





## ENERGO® HI 140

Recessed downlights

Type of protection: **IP 44** with bezel ring including safety glass  
Protection class: I

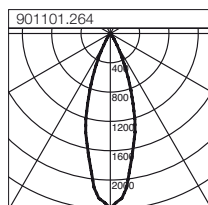
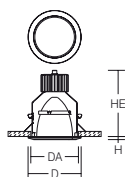
**Modular design: A bezel ring and electronic ballast must always be ordered for each basic luminaire!**

Recessed and bezel ring: die-cast aluminium. Bracket: metal, galvanised. Reflector: aluminium, highly polished anodised finish. Ceiling mounting by spring system.

Electronic ballast in separate ballast box.  
Connection ballast box to luminaire: plug connector.

Available colours bezel ring (X):  
2 = white, 4 = silver metallic

Please replace X of the item no. with the requested colour code.



### Basic luminaires for bezel rings with safety glass

Ceiling cutout DA 140 mm, HE 200 mm,  $\beta$  32°

901101.264 .Q	D 150, H 4	1 x HIT-TC-CE 35 W (G8,5)
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### Modules

**Bezel rings with safety glass, D 156 mm, H 8 mm**

981651.00X	Safety glass, transparent
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**Ballasts with Wieland plug connection system**

981575.000	EB for 1 x 35 W	G8,5 / G12
	HIT-CE, HIT-TC-CE	

A selection of safety glasses and colour filters for ENERGO® HI







## ENERGO® HI 175

Recessed downlights

Type of protection:

**IP 44** with bezel ring including safety glass

Protection class: I

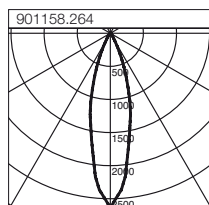
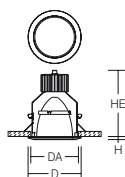
**Modular design: A bezel ring and electronic ballast must always be ordered for each basic luminaire!**

Recessed and bezel ring: die-cast aluminium. Bracket: metal, galvanised. Reflector: aluminium, highly polished anodised finish. Ceiling mounting by spring system.

Electronic ballast in separate ballast box. Connection ballast box to luminaire: plug connector.

Available colours bezel ring (X):  
2 = white, 4 = silver metallic

Please replace X of the item no. with the requested colour code.



**Basic luminaires  
for bezel rings with safety glass**

Ceiling cutout DA 175 mm, HE 240 mm,  $\beta$  27°

901158.264	D 188, H 4	1 x HIT-TC-CE 70 W
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### Modules

**Bezel rings with safety glass, D 194 mm, H 9 mm**

981653.00X	Safety glass, transparent
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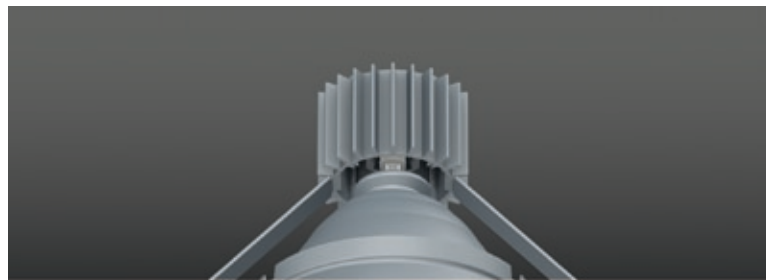
**Ballasts with Wieland plug connection system**

981573.000	EB for 1 x 70 W	G8,5 / G12
	HIT-CE, HIT-TC-CE	



A selection of safety glasses and colour filters for ENERGO® HI





## ENERGO® HI 210

Recessed downlights

Type of protection: **IP 44** with bezel ring including safety glass

Protection class: I

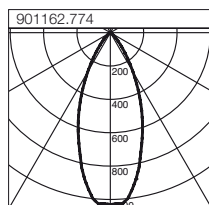
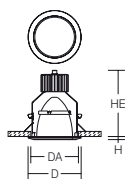
**Modular design: A bezel ring and electronic ballast must always be ordered for each basic luminaire!**

Recessed and bezel ring: die-cast aluminium. Bracket: metal, galvanised. Reflector: aluminium, highly polished anodised finish. Ceiling mounting by spring system. Electronic ballast in separate ballast box. Connection ballast box to luminaire via plug connector.

Available colours bezel ring (X):

2 = white, 4 = silver metallic

Please replace X of the item no. with the requested colour code.



**Basic luminaires**  
**for bezel rings with safety glass**

Ceiling cutout DA 210 mm, HE 230 mm,  $\beta$  43°

901162.774 D 220, H 4 1 x HIT-CE 150 W

### Modules

**Bezel rings with safety glass, D 227 mm, H 9 mm**

981659.00X Safety glass, transparent

**Ballasts with Wieland plug connection system**

981688.000 EB für 1 x 150 W G12  
HIT-CE, HIT-DE-CE



A selection of safety glasses and colour filters for ENERGO® HI







## QUARDO® LED 165

Recessed downlights

Type of protection: **IP 23**

Protection class: I

**LED**

Mounting and masking frame: metal, powder-coated; bracket: galvanised sheet steel; reflector: aluminium, highly polished anodised finish; cover plate: satin finish. Ceiling installation with spring system. LED converter in separate box. Suitable for through-wiring. Passive cooling system with 2000 lm, active cooling system with 3000 lm.

Available colours (X):

2 = white, 4 = silver metallic

Please replace X of the item no. with the requested colour code.



### Complete luminaires

Ceiling cutout LA 165 x BA 165 mm, HE 180 mm

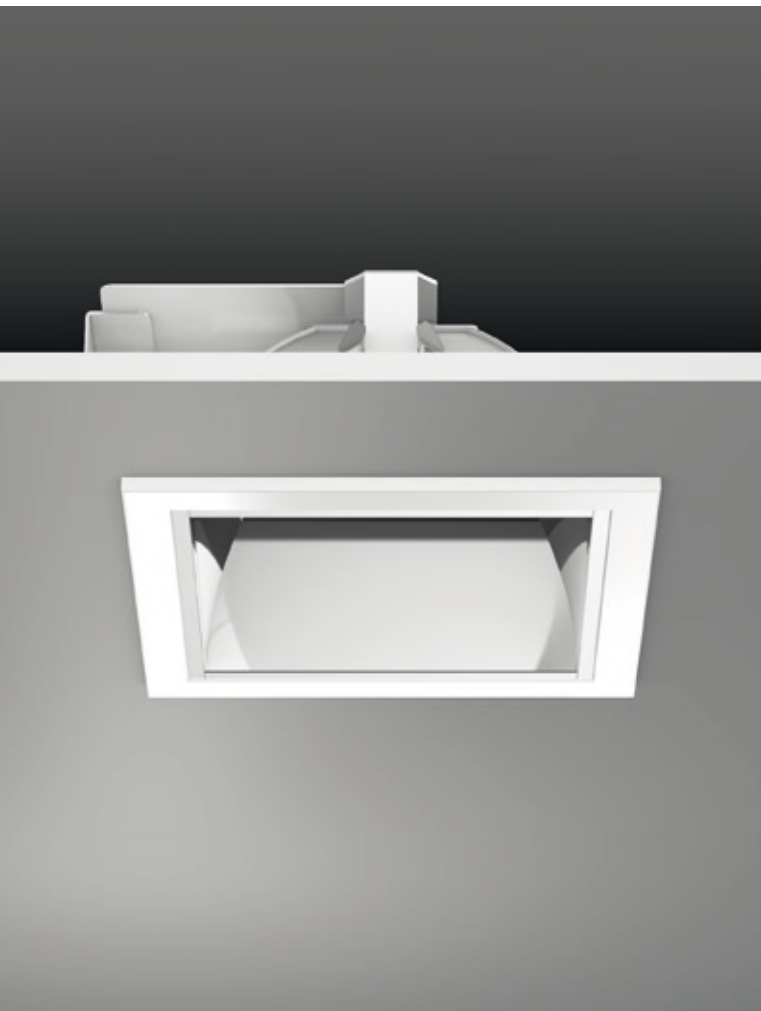
**Luminous flux: 2000 lm, passive cooling**

901288.00X	L 195, B 195, H 5	1 x LED 32 W 3000 K
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**Luminous flux: 3000 lm, active cooling**

901290.00X	L 195, B 195, H 5	1 x LED 43 W 3000 K
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## QUARDO® TC 175

Recessed downlights

Type of protection: **IP 23**

Protection class: I

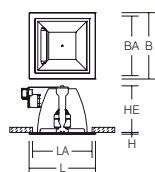
Recessed housing and masking frame: metal, powder-coated. Bracket: metal, galvanised. Reflector: aluminium, highly polished anodised finish. Ceiling mounting by spring system

Electronic ballast in separate ballast box with 5-pole connecting terminal, suitable for through-wiring.

Available colours (X):

2 = white, 4 = silver metallic

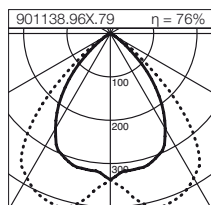
Please replace X of the item no. with the requested colour code.



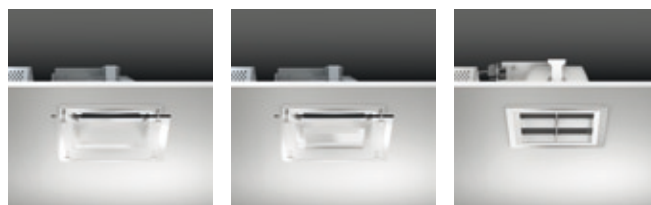
### Complete luminaires

Ceiling cutout LA 175 x BA 175 mm, HE 140 mm

901138.96X.79 .Q L 195, B 195, H 5 2 x TC-DEL 18 W



A selection of decorative design glasses and anti-glare screens for QUARDO® TC.



For decorative use, Quardo luminaires can be fitted with four different decorative covers mounted at set distances apart.



## QUARDO® TC 210

Recessed downlights

Type of protection: **IP 23**

Protection class: I

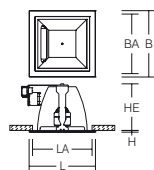
Recessed housing and masking frame: metal, powder-coated. Bracket: metal, galvanised. Reflector: aluminium, highly polished anodised finish. Ceiling mounting by spring system

Electronic ballast in separate ballast box with 5-pole connecting terminal, suitable for through-wiring.

Available colours (X):

2 = white, 4 = silver metallic

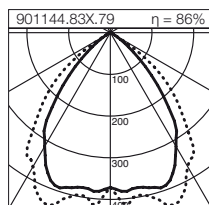
Please replace X of the item no. with the requested colour code.



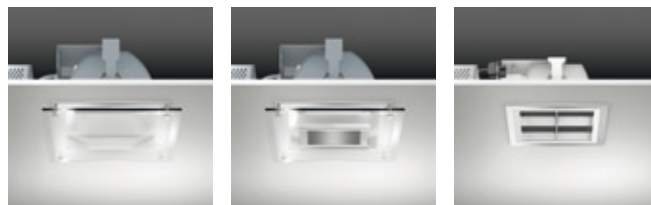
### Complete luminaires

Ceiling cutout LA 210 x BA 210 mm, HE 160 mm

901144.83X.79 .Q L 230, B 230, H 5 2 x TC-TEL 26 W



A selection of decorative design glasses and anti-glare screens for QUARDO® TC.





## QUARDO® TC 210 ASYM

Recessed downlights

Type of protection: **IP 23**

Protection class: I

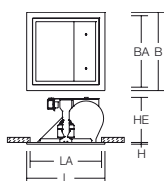
Recessed housing and masking frame: metal, powder-coated. Bracket: metal, galvanised. Reflector: aluminium, highly polished anodised finish. Ceiling mounting by spring system

Electronic ballast in separate ballast box with 5-pole connecting terminal, suitable for through-wiring.

Available colours (X):

2 = white, 4 = silver metallic

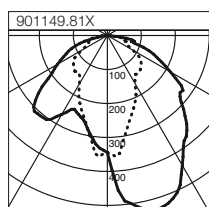
Please replace X of the item no. with the requested colour code.

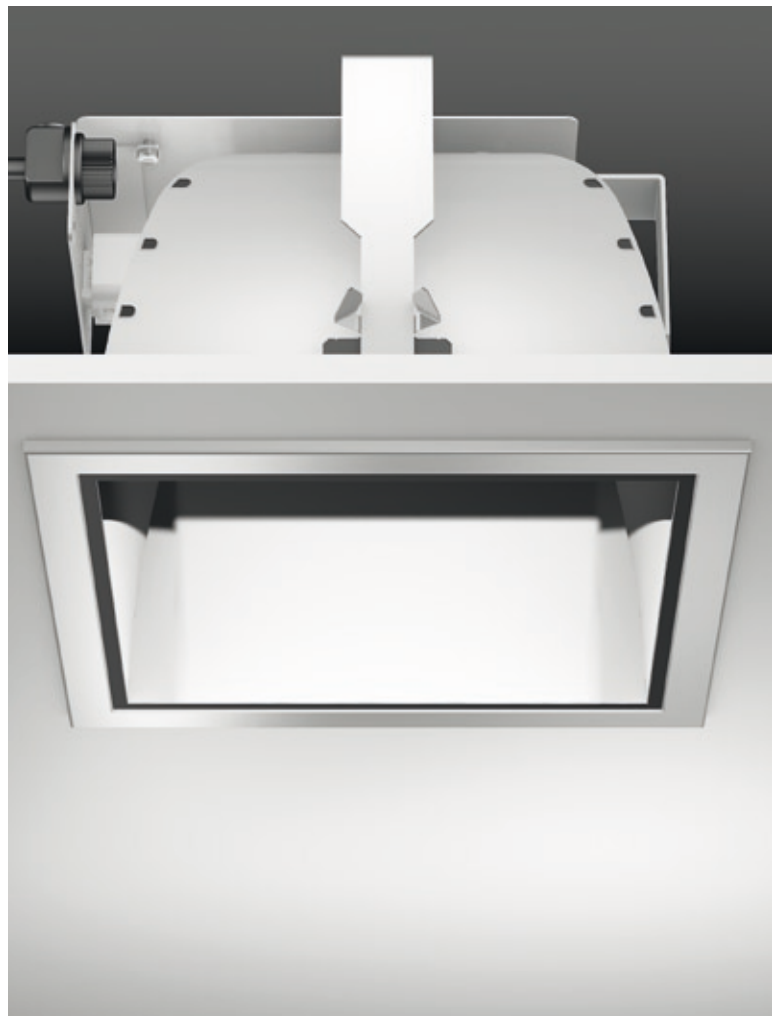


Complete luminaires with Multi EB (26-42 W) with asymmetric light distribution

Ceiling cutout LA 210 x BA 210 mm, HE 120 mm

901149.81X	L 230, B 230, H 5	1 x TC-TEL 26/32/42 W
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## QUARDO® TC 245

Recessed downlights

Type of protection: **IP 23**

Protection class: I

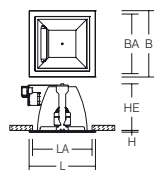
Recessed housing and masking frame: metal, powder-coated. Bracket: metal, galvanised. Reflector: aluminium, highly polished anodised finish. Ceiling mounting by spring system

Electronic ballast in separate ballast box with 5-pole connecting terminal, suitable for through-wiring.

Available colours (X):

2 = white, 4 = silver metallic

Please replace X of the item no. with the requested colour code.



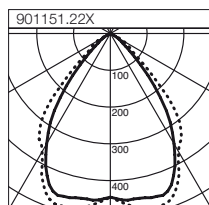
Complete luminaires with Multi EB (26-42 W)

Ceiling cutout LA 245 x BA 245 mm, HE 180 mm

901151.22X

L 265, B 265, H 5

2 x TC-TEL 26/32/42 W



A selection of decorative design glasses and anti-glare screens for QUARDO® TC.







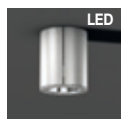
# Surface mounted downlights



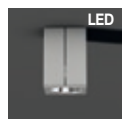
138



139



140



141



## ANDHO®

Surface mounted downlights

Type of protection: **IP 23, IP 44**

Protection class: I

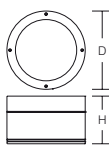
Housing: extruded aluminium, powder-coated; bezel ring and ceiling fitting: die-cast aluminium, powder-coated; ceiling fitting with bayonet fixing; reflector: aluminium, highly polished anodised finish.

EB incorporated; 5-pole double terminal for through-wiring.

Available colours (X):

2 = white, 4 = silver metallic

Please replace X of the item no. with the requested colour code.



### Complete luminaires

#### Type of protection IP 23

931102.83X.79 .Q D 230, H 140 2 x TC-TEL 26 W

#### with Multi EB (26-32 W)

931106.83X.79 .Q D 230, H 278 2 x TC-TEL 26/32 W

#### Type of protection IP 44

931122.77X.79 D 230, H 310 1 x HIT-CE 70 W/47°

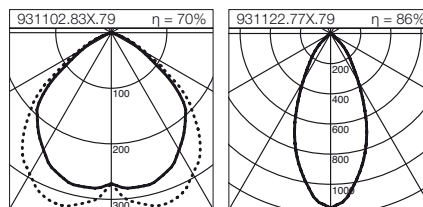
### Accessories

981678.00X Suspension cable (2m) with 5-pole power supply cable (IP 23)  
981679.00X Bezel ring with safety glass, matt

Andho TC Flat



Further luminaires of this series, see:  
Outdoor lighting |  
Ceiling luminaires





## CYL BASIC

Surface mounted downlights

Type of protection: IP 20

Protection class: I

Base: metal, chrome-plated. Cylinder: plastic, opal. Mirror reflector: aluminium, highly polished anodised finish.

Available colours: 44 = chrome, smooth finish

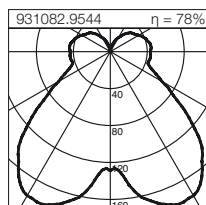


### Surface mounted downlights

931082.9544	D 205, H 265	2 x TC-D 26 W
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Further luminaires of this series, see:

Indoor lighting | Wall luminaires, Pendant luminaires



.79 = With EB | .Q = Quick service (stock articles)

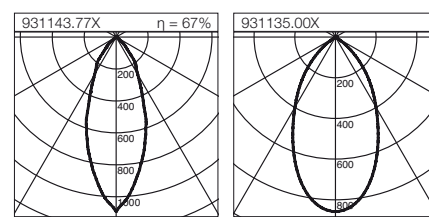
Specifications subject to alteration. Other options and accessories can be found in the current product selection guide or in the Internet under [www.rzb-lighting.com](http://www.rzb-lighting.com)





## REFINED REDUCTION

The litmus test for whether or not a product is refined is the extent to which (a) all details are carefully thought through and (b) the product has been fine tuned for maximum comfort, convenience, and practicality. Industrial designer Hartmut S. Engel has fulfilled all these requirements in our HELEDON luminaires, which are supremely minimalistic and efficient.



## HELEDON® ROUND

Surface mounted downlights

Type of protection: IP 20  
Protection class: I

LED

Housing: aluminium, acts as a cooling element; base: sheet steel, powder-coated. Magnetically attached die-cast aluminium masking frame with aluminium reflector, highly polished anodised finish.

QT/HIT versions: EB incorporated.

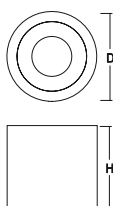
LED versions: Can be dimmed using conventional trailing edge dimmers

**Modular design – the LED module needs to be ordered separately for each luminaire.**

Available colours (X):

2 = white, 4 = silver metallic

Please replace X of the item no. with the requested colour code.



## Surface mounted downlights

931149.07X	D 153, H 180	1 x QT12 (axial) 60 W/40° GY6,35
931143.77X	D 153, H 180	1 x HIT-TC-CE 35 W/40° GU6,5
931135.00X	D 153, H 180	1 x LED/57°

## Modules

## LED modules Fortimo Twistable 1100 lm

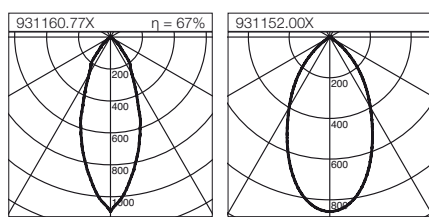
10-3054	Fortimo TDLM 1100 18 W/840 230 V
10-3055	Fortimo TDLM 1100 20 W/827 230 V
10-3056	Fortimo TDLM 1100 20 W/830 230 V



Further luminaires of this series, see:  
Indoor lighting |  
Recessed downlights



Left: LED option  
Right: HIT option



## HELEDON® SQUARE

Surface mounted downlights

Type of protection: IP 20  
Protection class: I

**LED**

Housing: aluminium, acts as a cooling element; base: sheet steel, powder-coated. Magnetically attached die-cast aluminium masking frame with aluminium reflector, highly polished anodised finish.

QT/HIT versions: EB incorporated.

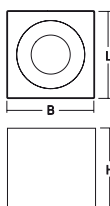
LED versions: Can be dimmed using conventional trailing edge dimmers

**Modular design – the LED module needs to be ordered separately for each luminaire.**

Available colours (X):

2 = white, 4 = silver metallic

Please replace X of the item no. with the requested colour code.



### Surface mounted downlights

931166.07X	L 135, B 135, H 180	1 x QT12 (axial) 60 W/40° GY6,35
931160.77X	L 135, B 135, H 180	1 x HIT-TC-CE 35 W/40° GU6,5
931152.00X	L 135, B 135, H 180	1 x LED/57°

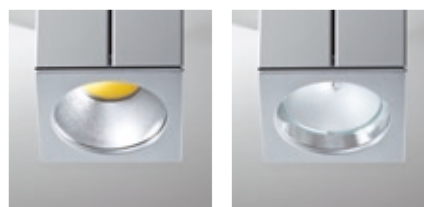
### Modules

#### LED modules Fortimo Twistable 1100 lm

10-3054	Fortimo TDLM 1100 18 W/840 230 V
10-3055	Fortimo TDLM 1100 20 W/827 230 V
10-3056	Fortimo TDLM 1100 20 W/830 230 V

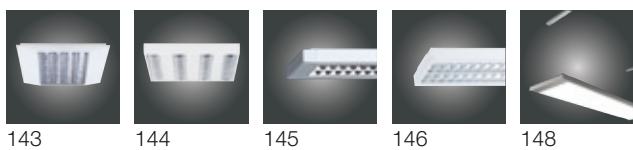


Further luminaires of this series, see:  
Indoor lighting |  
Recessed downlights



Left: LED option  
Right: HIT option

# Modular and linear luminaires, surface mounted and pendant luminaires









# SONIS A FLAT

Ceiling luminaires

Type of protection: IP 20  
Protection class: I

Housing: metal, white, powder-coated;  
parabolic mirror louvre: high grade aluminium,  
matt or highly polished aluminium. Suitable  
for computer screens in accordance with  
EN 12464-1 thanks to the product's limited  
luminance amounting to < 200 cd/m².

Available colours: 2 = white



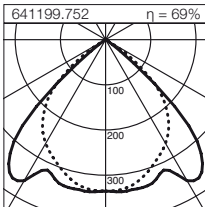
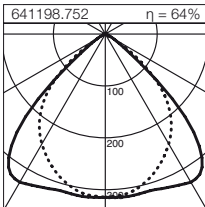
## Ceiling luminaires

### Louvre: aluminium, matt

641198.752	L 615, B 615, H 58	4 x T16 (T5)	14 W
641198.752.76	L 615, B 615, H 58	4 x T16 (T5)	14 W
641198.752.78	L 615, B 615, H 58	4 x T16 (T5)	14 W

### Louvre: parabolic mirror

641199.752	L 615, B 615, H 58	4 x T16 (T5)	14 W
641199.752.76	L 615, B 615, H 58	4 x T16 (T5)	14 W
641199.752.78	L 615, B 615, H 58	4 x T16 (T5)	14 W





## SONIS A SQUARE

Ceiling luminaires

Type of protection: IP 20  
Protection class: I

Housing: metal, white, powder-coated; louvre options: white aluminium, matt parabolic mirror, or highly polished high grade aluminium. Suitable for computer screens in accordance with EN 12464-1 thanks to the product's limited luminance amounting to  $< 200 \text{ cd/m}^2$  with parabolic mirror louvre.

Available colours: 2 = white



### Ceiling luminaires

Louvre: white				
641266.752	L 600, B 600, H 58	3 x T16 (T5)	14 W	
641267.752	L 600, B 600, H 58	4 x T16 (T5)	14 W	
Louvre: parabolic mirror, matt				
641268.752	L 600, B 600, H 58	3 x T16 (T5)	14 W	
641269.752	L 600, B 600, H 58	4 x T16 (T5)	14 W	
Louvre: parabolic mirror, glossy				
641270.752	L 600, B 600, H 58	3 x T16 (T5)	14 W	
641271.752	L 600, B 600, H 58	4 x T16 (T5)	14 W	

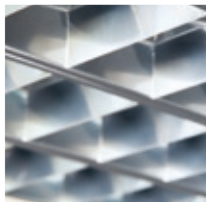
white



matt



Parabolic mirror, glossy





# SONIS A SOFT

Ceiling luminaires, Pendant luminaires

Type of protection: IP 20  
Protection class: I

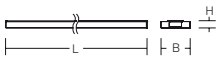
Housing: metal, white, powder-coated;  
parabolic mirror louvre: high grade aluminium,  
highly polished; available either for direct  
lighting or indirect lighting (uplight). Suitable  
for computer screens in accordance with  
EN 12464-1 thanks to the product's limited  
luminance amounting to < 200 cd/m². With  
electronic multi-watt ballast.

Can be converted into a suspended luminaire,  
via accessories.

Please order mounting elements separately.

Available colours (X): 2 = white, 9 = grey

Please replace X of the item no. with the  
requested colour code.



## Ceiling luminaires, Pendant luminaire with accessories

### Light emission: downwards

641192.75X	L 1245, B 175, H 40	2 x T16 (T5)	28/54 W
641193.75X	L 1545, B 175, H 40	2 x T16 (T5)	35/49 W
641194.75X	L 1545, B 175, H 40	2 x T16 (T5)	80 W

### Light emission: upwards, Light emission: downwards

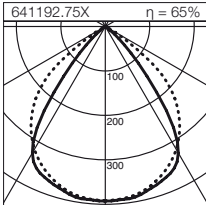
641195.75X	L 1245, B 175, H 40	2 x T16 (T5)	28/54 W
641196.75X	L 1545, B 175, H 40	2 x T16 (T5)	35/49 W
641197.75X	L 1545, B 175, H 40	2 x T16 (T5)	80 W

### Accessories

981790.010	Cable suspension with cone, 2 m, grey, for pendant outting
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Sonis A Soft with sus-  
pension cable (available  
as an accessory)





## SONIS A T5

Ceiling luminaires, Pendant luminaires

Type of protection: IP 20

Protection class: I

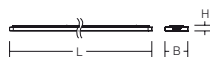
Housing: metal, white or silver metallic, powder-coated; parabolic mirror louvre: high grade aluminium, matt or highly polished aluminium. Suitable for computer screens in accordance with EN 12464-1 thanks to the product's limited luminance amounting to  $< 200 \text{ cd/m}^2$ . With electronic multi-watt ballast.

Can be converted into a suspended luminaire, via accessories.

Please order mounting elements separately.

Available colours (X): 2 = white, 9 = grey

Please replace X of the item no. with the requested colour code.



### Ceiling luminaires, Pendant luminaire with accessories

#### Louvre: parabolic mirror, matt

641182.75X	L 1195, B 146, H 58	1 x T16 (T5)	28/54 W
641184.75X	L 1195, B 231, H 58	2 x T16 (T5)	28/54 W
641183.75X	L 1495, B 146, H 58	1 x T16 (T5)	35/49/80 W
641185.75X	L 1495, B 231, H 58	2 x T16 (T5)	35/49 W
641186.75X	L 1495, B 231, H 58	2 x T16 (T5)	80 W

#### Louvre: parabolic mirror, glossy

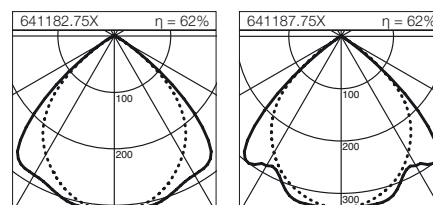
641187.75X	L 1195, B 146, H 58	1 x T16 (T5)	28/54 W
641189.75X	L 1195, B 231, H 58	2 x T16 (T5)	28/54 W
641188.75X	L 1495, B 146, H 58	1 x T16 (T5)	35/49/80 W
641190.75X	L 1495, B 231, H 58	2 x T16 (T5)	35/49 W
641191.75X	L 1495, B 231, H 58	2 x T16 (T5)	80 W

### Accessories

981790.000	Cable suspension with cone, 2 m, grey, for pendant
981791.000	for continuous linear mounting, wiring kit for luminaire length 1195 mm
981792.000	for continuous linear mounting, wiring kit for luminaire length 1495 mm



Sonis A T5 with suspension cable (available as an accessory)







## AN OUTSTANDING PERFORMER

An outstanding performer is an individual who displays great potential and oftentimes above average abilities. Such individuals are exceptionally talented, set high standards for themselves, are eager to do their best, have the ability to motivate an entire team, and are instrumental in optimizing their company's efficiency.

Two characteristics make the PLANADO an indispensable workhorse on every single floor of an office building: maximum energy savings thanks to high tech light control, plus optimal user comfort thanks to an innovative refraction element that renders the light completely glare-free. And the fact that the PLANADO, with its only 26 millimeter high housing, displays an amazingly low profile and is extremely lovely to look at.



## PLANADO®

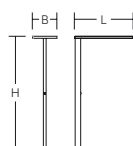
Pendant and floor luminaires

Type of protection: IP 20  
Protection class: I

**Pendant luminaires:** Powder-coated sheet steel housing, transparent plastic covers with inner prisms, with 2-point wire suspension, cable length 3 m, can be steplessly shortened, highly anodised aluminium reflector. Luminaire equipment incorporated

**Floor luminaires:** Powder-coated extruded aluminium post, powder-coated sheet steel baseplate and housing, transparent plastic covers with inner prisms, highly anodised aluminium reflector. In-built electronic ballast.

Available colours: 4 = silver metallic

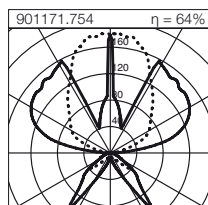


### Pendant luminaires

901171.754	L 1575, B 445, H 37	2 x T16 (T5)	35/49/80 W
901171.754.76	L 1575, B 445, H 37	2 x T16 (T5)	35/49/80 W
901171.754.78	L 1575, B 445, H 37	2 x T16 (T5)	35/49/80 W

### Floor luminaires

901172.754	L 1075, B 445, H 2050	4 x T16 (T5)	21/39 W
<b>Version with high quality light and movement sensor</b>			
901248.754	L 1075, B 445, H 2050	4 x T16 (T5)	21/39 W



# Recessed projectors









# RONDY

Recessed projectors

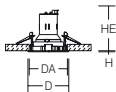
Type of protection: IP 20  
Protection class: I

Housing and recessed ring: aluminium, powder-coated; luminaire housing rotation range: +/- 180°; swivel range: +/-35°; spring system allows for installation without tools, Control gears in separate box. The gearbox is connected to the luminaire via a plug connection system, Safety glass, transparent, partially UV-absorbent, heat resistant plastic ring; reflector: faceted aluminium.

**Modular design: reflector unit (consisting of safety glass cover, heat resistant plastic ring and reflector) as well as control gear need to be ordered separately.**

Available colours (X): 2 = white, 3 = black, 4 = silver coloured

Please replace X of the item no. with the requested colour code.



<b>Recessed projector</b>		
suitable for HIT-TC-CE 35 W, 50 W, and 70 W (G8,5 socket), the wattage is determined by the ballast used		
Ceiling cutout DA 114 mm, HE 140 mm		
<b>without reflector</b>		
911135.26X	D 120, H 3	1 x HIT-TC-CE

<b>Modules</b>		
<b>Reflector unit for Rondy must be ordered separately</b>		
981862.000	D 80, H 59 mm	Reflector 14°
981862.010	D 80, H 62 mm	Reflector 27°
981862.020	D 80, H 64 mm	Reflector 41°
<b>Ballasts with Wieland plug connection system</b>		
981575.000	EB for 1 x 35 W HIT-CE, HIT-TC-CE	G8,5 / G12
981826.000	EB for 1 x 50 W HIT-CE, HIT-TC-CE	G8,5 / G12





## VORTEX

Recessed projectors

Type of protection: IP 20  
Protection class: III,  
Protection class II in combination  
with converter 981827.002

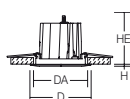
Recessed housing: metal, powder-coated.  
Control gear in separate converter box.  
Swivel range:  $\pm 15^\circ$ .

LED included.

**Modular design: the converter needs to be ordered separately for each recessed projector.**

Available colours: 2 = white

**LED**



### Recessed projector

Ceiling cutout DA 80 mm, HE 90 mm

911122.002

D 90, H 3

1 x LED 8 W 2800 K/24°

### Modules

#### Converter

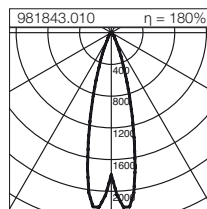
**dimmable 1-10 V, suitable for up to two Vortex recessed projectors**

981827.002



.79 = With EB | .Q = Quick service (stock articles)

Specifications subject to alteration. Other options and accessories can be found in the current product selection guide or in the Internet under [www.rzb-lighting.com](http://www.rzb-lighting.com)



Further luminaires  
of this series, see:  
Indoor lighting |  
Surface mounted  
projectors



PURA SPOT R Mini, Midi and Maxi at a glance



## PURA SPOT R MINI

Recessed projectors

Type of protection: IP 20

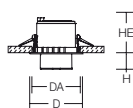
Protection class: I

Housing: die-cast aluminium, powder-coated, inner luminaire cover: metal, powder-coated; horizontal rotation range: 356°, vertical swivel range: 65°, installation without tools thanks to spring fastening system; Control gears in separate box, The gearbox is connected to the luminaire via a plug connection system, Safety glass, transparent, partially UV-absorbent, heat resistant plastic ring; reflector: faceted aluminium.

**Modular design: Reflector unit (consisting of safety glass cover, heat resistant plastic ring and reflector) as well as control gear must be ordered separately.**

Available colours (X): 2 = white, 3 = black, 4 = silver coloured

Please replace X of the item no. with the requested colour code.



### Recessed projector

suitable for HIT-TC-CE 20 W (GU6,5 socket)  
with one lamp, ceiling cutout DA 130 mm, HE 100 mm  
without reflector

911125.26X D 140, H 41 1 x HIT-TC-CE

with two lamps, ceiling cutout LA 270 x BA 130 mm, HE 100 mm  
without reflector

911130.26X L 280, B 140, H 41 2 x HIT-TC-CE

### Modules

Reflector unit for Pura Spot R and S Mini

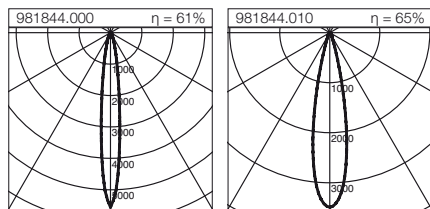
must always be ordered separately

981843.000	D 80, H 50 mm	Reflector: 14°
981843.010	D 80, H 53 mm	Reflector: 28°
981843.020	D 80, H 60 mm	Reflector: 41°

Ballasts with Wieland plug connection system

981627.010	EB for 1 x 20 W HIT-TC-CE	GU6,5 / G8,5
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PURA SPOT R Midi double spot option.



## PURA SPOT R MIDI

Recessed projectors

Type of protection: IP 20

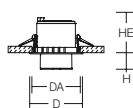
Protection class: I

Housing: die-cast aluminium, powder-coated, inner luminaire cover: metal, powder-coated; horizontal rotation range: 356°, vertical swivel range: 65°, installation without tools thanks to spring fastening system; Control gears in separate box, The gearbox is connected to the luminaire via a plug connection system, Safety glass, transparent, partially UV-absorbent, heat resistant plastic ring; reflector: faceted aluminium.

**Modular design: Reflector unit (consisting of safety glass cover, heat resistant plastic ring and reflector) as well as control gear must be ordered separately.**

Available colours (X): 2 = white, 3 = black, 4 = silver coloured

Please replace X of the item no. with the requested colour code.



### Recessed projector

suitable for HIT-TC-CE 35 W, 50 W and 70 W (G8,5 socket)  
the wattage is determined by the ballast used

with one lamp, ceiling cutout DA 145 mm, HE 140 mm  
without reflector

911126.26X D 155, H 46 1 x HIT-TC-CE

with two lamps, ceiling cutout LA 300 x BA 145 mm, HE 140 mm  
without reflector

911131.26X L 310, B 155, H 46 2 x HIT-TC-CE

### Modules

**Reflector unit for Pura Spot R and S Midi  
must always be ordered separately**

981844.000	D 93, H 59 mm	Reflector: 12°
981844.010	D 93, H 61 mm	Reflector: 23°
981844.020	D 93, H 65 mm	Reflector: 44°
981844.030	D 93, H 68 mm	Reflector: 62°

### Ballasts with Wieland plug connection system

981575.000	EB for 1 x 35 W HIT-CE, HIT-TC-CE	G8,5 / G12
981576.000	EB for 2 x 35 W HIT-CE, HIT-TC-CE	G8,5 / G12
981826.000	EB for 1 x 50 W HIT-CE, HIT-TC-CE	G8,5 / G12
981573.000	EB for 1 x 70 W HIT-CE, HIT-TC-CE	G8,5 / G12
981574.000	EB for 2 x 70 W HIT-CE, HIT-TC-CE	G8,5 / G12



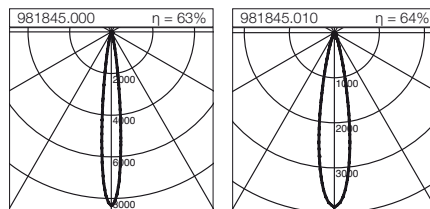
Further luminaires of this series, see:

Indoor lighting | Surface mounted projectors

.79 = With EB | .Q = Quick service (stock articles)

Specifications subject to alteration. Other options and accessories can be found in the current product selection guide or in the Internet under [www.rzb-lighting.com](http://www.rzb-lighting.com)





Further luminaires  
of this series, see:

Indoor lighting |  
Surface mounted  
projectors

PURA SPOT R Maxi double spot option.



## PURA SPOT R MAXI

Recessed projectors

Type of protection: IP 20

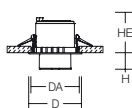
Protection class: I

Housing: die-cast aluminium, powder-coated, inner luminaire cover: metal, powder-coated; horizontal rotation range: 356°, vertical swivel range: 65°, installation without tools thanks to spring fastening system; Control gears in separate box, The gearbox is connected to the luminaire via a plug connection system, Safety glass, transparent, partially UV-absorbent, heat resistant plastic ring; reflector: faceted aluminium.

**Modular design: Reflector unit (consisting of safety glass cover, heat resistant plastic ring and reflector) as well as control gear must be ordered separately.**

Available colours (X): 2 = white, 3 = black, 4 = silver coloured

Please replace X of the item no. with the requested colour code.



### Recessed projector

suitable for HIT-CE 35 W, 50 W and 70 W (G12 socket), the wattage is determined by the ballast used

with one lamp, ceiling cutout DA 170 mm, HE 140 mm  
without reflector

911127.77X D 180, H 59 1 x HIT-CE

with two lamps, ceiling cutout LA 350 x BA 170 mm, HE 140 mm  
without reflector

911132.77X L 360, B 180, H 59 2 x HIT-CE

### Modules

**Reflector unit for Pura Spot R and S Maxi**

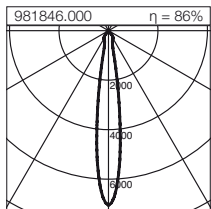
**must always be ordered separately**

981845.000	D 116, H 63 mm	Reflector: 12,5°
981845.010	D 116, H 61 mm	Reflector: 20°
981845.020	D 116, H 67 mm	Reflector: 55°

**Ballasts with Wieland plug connection system**

981575.000	EB for 1 x 35 W HIT-CE, HIT-TC-CE	G8,5 / G12
981576.000	EB for 2 x 35 W HIT-CE, HIT-TC-CE	G8,5 / G12
981826.000	EB for 1 x 50 W HIT-CE, HIT-TC-CE	G8,5 / G12
981573.000	EB for 1 x 70 W HIT-CE, HIT-TC-CE	G8,5 / G12
981574.000	EB for 2 x 70 W HIT-CE, HIT-TC-CE	G8,5 / G12





PURA SPOT R Maxi LED double spot option.

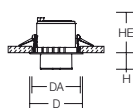


## PURA SPOT R MAXI LED

Recessed projectors

Type of protection: IP 20  
Protection class: II

**LED**



Housing: die-cast aluminium, powder-coated, inner luminaire cover: metal, powder-coated; horizontal rotation range: 356°, vertical swivel range: 65°, installation without tools thanks to spring fastening system; Control gears in separate box, The gearbox is connected to the luminaire via a plug connection system, heat resistant plastic ring; reflector: faceted aluminium. LED module incorporated.

**Modular design: Reflector unit (consisting of safety glass cover, heat resistant plastic ring and reflector) as well as control gear must be ordered separately.**

Available colours (X): 2 = white, 3 = black, 4 = silver coloured

Please replace X of the item no. with the requested colour code.



### Recessed projector

**LED 1100 lm included**  
**with one lamp, ceiling cutout DA 170 mm, HE 210 mm**  
**without reflector**

911128.00X	D 180, H 47	1 x LED 17 W 4000 K
911129.00X	D 180, H 47	1 x LED 18 W 3000 K

**with two lamps, ceiling cutout LA 350 x BA 170 mm, HE 210 mm**  
**without reflector**

911133.00X	L 360, B 180, H 47	2 x LED 17 W 4000 K
911134.00X	L 360, B 180, H 47	2 x LED 18 W 3000 K

### Modules

#### Converter

981842.002 LED Fortimo SLM 800 lm / 1100 lm

#### Reflector unit for Pura Spot R Maxi LED

**must always be ordered separately**

981846.000	D 116, H 66 mm	Reflector: 18°
981846.010	D 116, H 65 mm	Reflector: 32°



HIT option

## RONDOS DS

Recessed projectors

Type of protection: IP 20  
Protection class: I  
Ceiling thickness: 1-21 mm

Recessed ring: sheet steel; bayonet ring and luminaire housing: die-cast aluminium; reflector: aluminium; spring fastening system; rotation range: 356°; swivel range:  $\pm 35^\circ$ ; safety glass: transparent, partially UV absorbing; Wieland ST 18/3 plug connection system included.

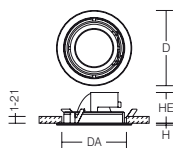
LED option including converter.

**Modular design (HIT version): control gears and reflector unit (consisting of bayonet ring, safety glass and reflector) must be ordered separately.**

Available colours (X):  
2 = white, 4 = silver metallic

Please replace X of the item no. with the requested colour code.

**LED**



### Recessed projector Rondos DS HI

Ceiling cutout DA 180 mm, HE 180 mm  
suitable for HIT-CE 35 W, 50 W and 70 W (G12 cap),  
the wattage is determined by the ballast used

#### without reflector

721689.77X	D 195, H 3	1 x HIT-CE
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### Recessed projector Rondos DS LED

Ceiling cutout DA 180 mm, HE 180 mm  
Luminous flux: 2000 lm, passive cooling

#### without reflector

721686.00X	D 195, H 3	1 x LED 29 W 4000 K
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Luminous flux: 3000 lm, active cooling

#### without reflector

721688.00X	D 195, H 3	1 x LED 38 W 4000 K
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### Modules

#### Reflector unit for Rondos DS HI

must be ordered separately

981886.03X	D 140, H 72 mm	Reflector 15°
981886.04X	D 140, H 72 mm	Reflector 47°
981886.05X	D 140, H 72 mm	Reflector 24°

#### Reflector unit for Rondos DS LED

must be ordered separately

981885.00X	D 140, H 72 mm	Reflector 22°
981885.01X	D 140, H 72 mm	Reflector 38°

#### Electronic ballasts with Wieland plug connection system

981575.000	EB for 1 x 35 W HIT-CE, HIT-TC-CE	G8,5 / G12
981826.000	EB for 1 x 50 W HIT-CE, HIT-TC-CE	G8,5 / G12
981573.000	EB for 1 x 70 W HIT-CE, HIT-TC-CE	G8,5 / G12



# RONDOS

Recessed projectors

Type of protection: IP 20

Protection class: I

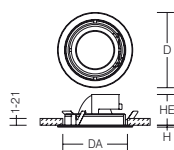
Recessed ring: sheet steel. Bayonet ring, gimbal and lamp housing: aluminium. Safety glass: partially UV-absorbing.

Separate electronic ballast box. Wieland ST18/3 plug connection system included.

Available colours (X):

2 = white, 4 = silver metallic

Please replace X of the item no. with the requested colour code.

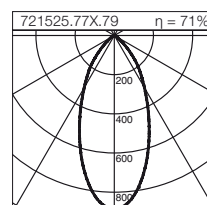


## Recessed projector

Ceiling cutout DA 190 mm

high version: HE 170 mm, gimbals  $\pm 40^\circ$  swivel range

721525.77X.79 .Q	D 221, H 3	1 x HIT-CE 35 W/46°
721472.77X.79 .Q	D 221, H 3	1 x HIT-CE 70 W/47°
721469.77X.79	D 221, H 3	1 x HIT-CE 150 W/24°
721541.72X.79	D 221, H 3	1 x HST-CRI 100 W/25°







## GOLAS® HI 110

Recessed projectors

Type of protection: **IP 23**

Protection class: I

**Modular design: An electronic ballast must always be ordered for each basic luminaire!**

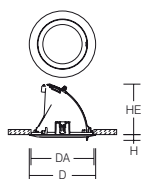
Housing: die-cast aluminium, powder-coated.  
Tension springs for installation without tools.  
Bezel ring: die-cast aluminium, powder-coated, with snap-on fastening and UV filter.  
Reflector: aluminium, highly polished anodised finish, faceted.

EB in separate ballast box. Connecting cable (approx. 400 mm) in flexible corrugated hose with Wieland plug connection, ST 18/3.

Available colours (X):

2 = white, 4 = silver metallic

Please replace X of the item no. with the requested colour code.



### Basic luminaires

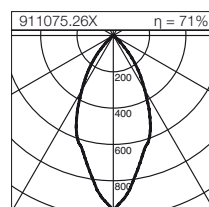
Ceiling cutout DA 110 mm, HE 120 mm  
suitable for HIT-TC-CE 20 W and 35 W (PGJ5 socket),  
the wattage is determined by the ballast used

911075.26X	D 120, H 2	1 x HIT-TC-CE/49° PGJ5
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### Modules

#### Ballasts with Wieland plug connection system

981627.000	EB for 1 x 20 W	HIT-TC-CE	PGJ5
981695.000	EB for 1 x 35 W	HIT-TC-CE	PGJ5





## GOLAS® HI 180

Recessed projectors

Type of protection: **IP 23**

Protection class: I

**Modular design: An electronic ballast must always be ordered for each basic luminaire!**

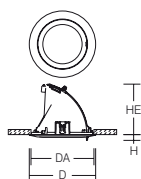
Housing: die-cast aluminium, powder-coated.  
Spring system for installation without tools.  
Bezel ring: die-cast aluminium, powder-coated, with snap-on fastening and UV filter.  
Reflector: aluminium, highly polished anodised finish, faceted.

EB in separate ballast box. Connecting cable (approx. 400 mm) with Wieland plug connection, ST 18/3.

Available colours (X):

2 = white, 4 = silver metallic

Please replace X of the item no. with the requested colour code.



### Basic luminaires

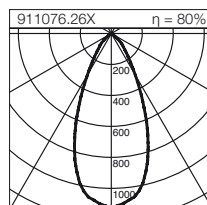
Ceiling cutout DA 180 mm, HE 145 mm  
suitable for HIT-CE 35 W, 50 W, and 70 W (G8,5 cap),  
the wattage is determined by the ballast used

911076.26X D 195, H 3 1 x HIT-TC-CE/46° G8,5

### Modules

#### Ballasts with Wieland plug connection system

981575.000	EB for 1 x 35 W	HIT-CE, HIT-TC-CE	G8,5 / G12
981826.000	EB for 1 x 50 W	HIT-CE, HIT-TC-CE	G8,5 / G12
981573.000	EB for 1 x 70 W	HIT-CE, HIT-TC-CE	G8,5 / G12









## GOLAS® HI 180 C

Recessed projectors

Type of protection: **IP 23**

Protection class: I

**Modular design: An electronic ballast must always be ordered for each basic luminaire!**

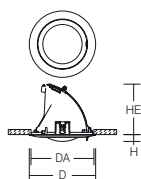
Housing: die-cast aluminium, powder-coated.  
Spring system for installation without tools.  
Bezel ring: die-cast aluminium, powder-coated, with snap-on fastening and curved safety glass. Reflector: aluminium, highly polished anodised finish, faceted.

EB in separate ballast box. Connecting cable (approx. 400 mm) with Wieland plug connection, ST 18/3.

Available colours (X):

2 = white, 4 = silver metallic

Please replace X of the item no. with the requested colour code.



### Basic luminaires

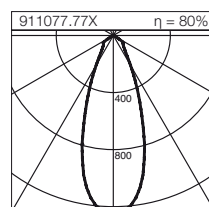
Ceiling cutout DA 180 mm, HE 145 mm  
suitable for HIT-CE 35 W, 50 W, 70 W and 150 W (G12 cap),  
the wattage is determined by the ballast used

911077.77X      D 195, H 16      1 x HIT-CE/39° G12

### Modules

#### Ballasts with Wieland plug connection system

981575.000	EB for 1 x 35 W	HIT-CE, HIT-TC-CE	G8,5 / G12
981826.000	EB for 1 x 50 W	HIT-CE, HIT-TC-CE	G8,5 / G12
981573.000	EB for 1 x 70 W	HIT-CE, HIT-TC-CE	G8,5 / G12
981688.000	EB for 1 x 150 W	HIT-CE, HIT-DE-CE	G12







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ODHEITS  
TRUM  
ERFELD



## CARLEDO®

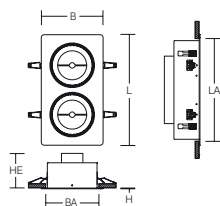
Recessed projectors

Type of protection: IP 20  
Protection class: I

Installation housing: powder-coated metal;  
front plate: powder-coated aluminium.  
Control gear connected via plug-in connector.  
Gimbals swivel range:  $\pm 40^\circ$ . Luminous flux:  
350 lm per LED. Colour temperature: 2850 K.  
LED included.

Available colours: 4 = silver metallic

**LED**



### Recessed projector

#### one lamp

**Ceiling cutout LA 179 x BA 179 mm, HE 120 mm**

2035050505	L 208, B 208, H 3	1 x LED	11 W warm white/21°
2035050605	L 208, B 208, H 3	1 x LED	11 W warm white/6°

#### two lamps

**Ceiling cutout LA 348 x BA 179 mm, HE 120 mm**

2036050505	L 373, B 208, H 3	2 x LED	11 W warm white/21°
2036050605	L 373, B 208, H 3	2 x LED	11 W warm white/6°

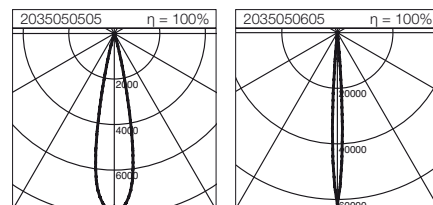
#### three lamps

**Ceiling cutout LA 510 x BA 179 mm, HE 125 mm**

2037050505	L 538, B 208, H 3	3 x LED	11 W warm white/21°
2037050605	L 538, B 208, H 3	3 x LED	11 W warm white/6°



1-, 2- and 3-spot option of CARLEDO.



.79 = With EB | .Q = Quick service (stock articles)

Specifications subject to alteration. Other options and accessories can be found in the current product selection guide or in the Internet under [www.rzb-lighting.com](http://www.rzb-lighting.com)



## MAGCARDO® MINI

Recessed projectors

Type of protection: IP 20

Protection class: I

Ceiling thickness: 10-40 mm

Housing with Kardan box and decorative frame: metal, powder-coated; screen and gimbals: die-cast aluminium, powder-coated; reflector: aluminium; safety glass: transparent, partially UV-absorbing; gimbals swivel range:  $\pm 40^\circ$  each; lamp replacement without tools, with bayonet fixing; decorative frame and Kardan box fastening: magnetic; mounting frame fastening: spring system.

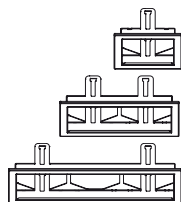
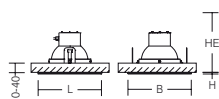
Electronic ballast in separate ballast box; the ballast is connected to the luminaire via a plug connector; springs for recessed ceiling installation are included.

**Modular design: Ballasts and frame sets need to be ordered separately.**

Available colours (X):

2 = white, 4 = silver metallic/black

Please replace X of the item no. with the requested colour code.



**Mini luminaire top with Wieland plug connection system, 1 m connection cable**

HE 80 mm, gimbals: swivel range  $\pm 40^\circ$  each  
suitable for HIT-TC-CE 20 W and 35 W (PGJ5 cap),

the wattage is determined by the ballast used

721501.77X	L 121, B 117, H 94	1 x HIT-TC-CE/24°
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suitable for QR-CB51 20-50 W (GU5,3 cap)

721502.00X	L 122, B 118, H 50	1 x QR-CB51 50 W
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### Modules

**Frame set (decorative frame and mounting frame)**

**one lamp**

981621.00X	L 154, B 154, H 100
------------	---------------------

**two lamps**

981622.00X	L 279, B 154, H 100
------------	---------------------

**three lamps**

981623.00X	L 391, B 154, H 100
------------	---------------------

**Transformers with Wieland plug connection system**

**Transformer for QR-CB51 / QR111 20-100 W**

981587.000	Electronic transformer for 1 x 100 W	QR111, QR-CB51
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**Electronic ballasts with Wieland plug connection system**

981627.000	EB for 1 x 20 W	HIT-TC-CE	PGJ5
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981695.000	EB for 1 x 35 W	HIT-TC-CE	PGJ5
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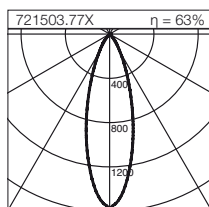




MAGCARDO MIDI  
id entity



MAGCARDO MIDI with  
LED AR111 incl. in-built  
LED converter.



## MAGCARDO® MIDI

Recessed projectors

Type of protection: IP 20  
Protection class: I = HIT, II = LED  
Ceiling thickness: 10-40 mm

Housing with Kardan box and decorative frame: metal, powder-coated; screen and gimbals: die-cast aluminium, powder-coated; reflector: aluminium; safety glass: transparent, partially UV-absorbing; gimbals swivel range:  $\pm 40^\circ$  each; lamp replacement without tools, with bayonet fixing; decorative frame and Kardan box fastening: magnetic; mounting frame fastening: spring system.

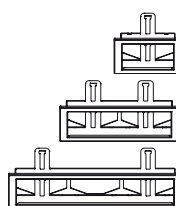
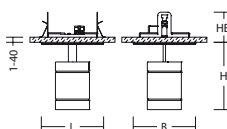
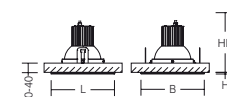
Electronic ballast in separate ballast box; the ballast is connected to the luminaire via a plug connector; springs for recessed ceiling installation are included.

**Modular design: Ballasts and frame sets need to be ordered separately.**

Available colours (X):  
2 = white, 4 = silver metallic/black

Please replace X of the item no. with the requested colour code.

LED



**Midi luminaire top  
with Wieland plug connection system, 1 m connection cable**  
HE 125 mm, gimbals: swivel range  $\pm 40^\circ$  each

incl. transformer for LED AR111 17 W and QR111 100 W  
LED must be ordered separately, Array M 550 (Ref. No. 2051050205)

721616.00X L 145, B 140, H 79 1 x LED AR111 15,5 W/20°  
suitable for HIT-TC-CE 35 W, 50 W, and 70 W (G8,5 cap),  
the wattage is determined by the ballast used

721503.77X L 145, B 140, H 150 1 x HIT-TC-CE/8°

**id entity module with Wieland plug connection system, connection cable 1 m**

HE 100 mm; horizontal rotation range:  $356^\circ$ ; vertical swivel range:  $90^\circ$   
suitable for HIT-TC-CE 35 W, 50 W, and 70 W (G8,5 cap),  
the wattage is determined by the ballast used

**with faceted reflector**

721594.77X L 145, B 140, H 250 1 x HIT-TC-CE/26°

### Modules

**Frame set (decorative frame and mounting frame)**

**one lamp**

981624.00X L 180, B 180, H 100

**two lamps**

981625.00X L 317, B 180, H 100

**three lamps**

981626.00X L 463, B 180, H 100

**Electronic ballasts with Wieland plug connection system**

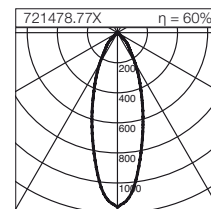
981575.000 EB for 1 x 35 W HIT-CE, HIT-TC-CE G8,5 / G12

981826.000 EB for 1 x 50 W HIT-CE, HIT-TC-CE G8,5 / G12

981573.000 EB for 1 x 70 W HIT-CE, HIT-TC-CE G8,5 / G12







## MAGCARDO® MAXI

Recessed projectors

Type of protection: IP 20

Protection class: I

Ceiling thickness: 10-40 mm

Housing with Kardan box and decorative frame: metal, powder-coated; screen and gimbals: die-cast aluminium, powder-coated; reflector: aluminium; safety glass: transparent, partially UV-absorbing; gimbals swivel range:  $\pm 40^\circ$  each; lamp replacement without tools, with bayonet fixing; decorative frame and Kardan box fastening: magnetic; mounting frame fastening: spring system.

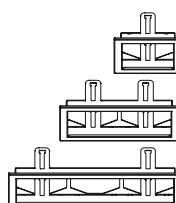
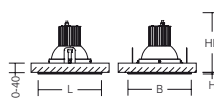
Electronic ballast in separate ballast box; the ballast is connected to the luminaire via a plug connector; springs for recessed ceiling installation are included.

**Modular design: Ballasts and frame sets need to be ordered separately.**

Available colours (X):

2 = white, 4 = silver metallic

Please replace X of the item no. with the requested colour code.



**Maxi luminaire top with Wieland plug connection system, 1 m connection cable**

high version: HE 170 mm, gimbals: swivel range  $\pm 40^\circ$  each  
suitable for HIT-CE 35 W, 50 W, and 70 W (G12 cap),  
the wattage is determined by the ballast used

721478.77X	L 204, B 204, H 175	1 x HIT-CE/34°
721480.00X	L 204, B 204, H 175	1 x QR111

### Modules

#### Frame set (decorative frame and mounting frame)

##### one lamp

981569.002.1	L 242, B 242, H 98	white/white
981569.004	L 242, B 242, H 98	silver metallic/black

##### two lamps

981570.002.1	L 448, B 242, H 98	white/white
981570.004	L 448, B 242, H 98	silver metallic/black

##### three lamps

981571.002.1	L 658, B 242, H 98	white/white
981571.004	L 658, B 242, H 98	silver metallic/black

#### Transformers with Wieland plug connection system

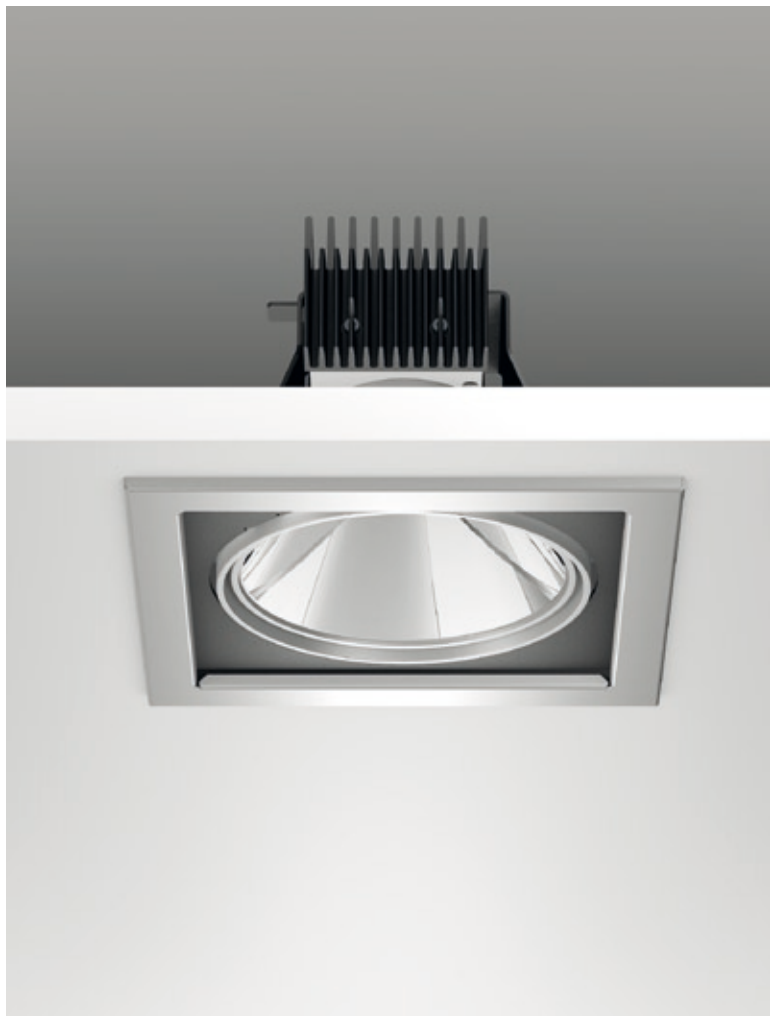
##### Transformer for QR-CB51 / QR111 20-100 W

981587.000	Electronic transformer for 1 x 100 W	QR111, QR-CB51
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##### Electronic ballasts with Wieland plug connection system

981575.000	EB for 1 x 35 W	HIT-CE, HIT-TC-CE	G8,5 / G12
981576.000	EB for 2 x 35 W	HIT-CE, HIT-TC-CE	G8,5 / G12
981573.000	EB for 1 x 70 W	HIT-CE, HIT-TC-CE	G8,5 / G12
981574.000	EB for 2 x 70 W	HIT-CE, HIT-TC-CE	G8,5 / G12
981826.000	EB for 1 x 50 W	HIT-CE, HIT-TC-CE	G8,5 / G12





## MAGCARDO® MAXI LED

Recessed projectors



Type of protection: IP 20  
Protection class: I  
Ceiling thickness: 10-40 mm

Housing with Kardan box and decorative frame: metal, powder-coated. Gimbals: die-cast aluminium, powder-coated. Reflector: aluminium. Fixed or with swivel range of  $\pm 30^\circ$  each. Decorative frame and module element fastening: magnetic. Mounting frame fastening: spring system.

**Modular design: Ballasts and frame sets need to be ordered separately. Plug connection between ballast box and luminaire.**

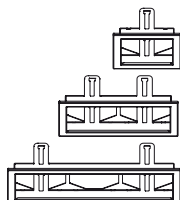
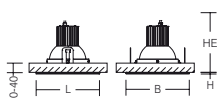
LED included.

Available colours (X):

2 = white, 4 = silver metallic

Please replace X of the item no. with the requested colour code.

LED



**Maxi luminaire top with LED module, connecting cable: 600 mm**

Gimbals: swivel range  $\pm 30^\circ$  each

LED module 2000 lm

721553.00X L 205, B 205, H 172 1 x LED 24 W 3000 K/48°

### Modules

**Ballast for LED module with Wieland plug connection system**

981735.000 for LED module 1100 - 3000 lm Standard

981741.000 for LED module 1100 - 3000 lm Digitally dimmable (DALI)

**Frame set (decorative frame and mounting frame)**

**one lamp**

981745.00X L 242, B 242, H 84

**two lamps**

981746.00X L 448, B 242, H 84

**three lamps**

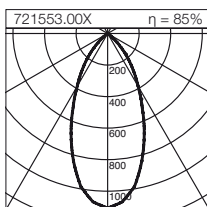
981747.00X L 658, B 242, H 84

### Total luminaire dimensions [mm]:

Single lamp: L 242, B 242, H 6, HE 141 at 1100 lm / HE 173 at 2000 lm

Double lamp: L 448, B 242, H 6, HE 141 at 1100 lm / HE 173 at 2000 lm

Triple lamp: L 658, B 242, H 6, HE 141 at 1100 lm / HE 173 at 2000 lm









# Surface mounted projectors



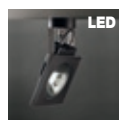
173



174



176



177



178



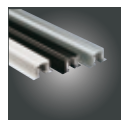
179



182



183



184



185







## ID ENTITY®

Surface mounted projectors

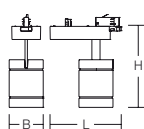
Type of protection: IP 20  
Protection class: I

**LED**

Housing: aluminium, powder-coated. Safety glass: transparent, partially UV-absorbing. Reflector: aluminium, horizontal rotation range: 356°, vertical swivel range: 90°. With multi adaptor for 3-circuit track: 230 V.

**Customer-specific logo/pictograph on request.**

Available colours (X): 2 = white, 31 = anthracite metallic, 4 = silver metallic  
Please replace X of the item no. with the requested colour code.

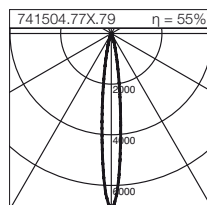


**Surface mounted projector  
with multi adaptor for 3-circuit tracks 230 V  
with faceted reflector**

741687.00X.1	L 210, B 100, H 245	1 x LED 39 W/28° 3000 K/3000 lm
741504.77X.79	L 210, B 100, H 245	1 x HIT-TC-CE 35 W/12°
741506.77X.79	L 210, B 100, H 245	1 x HIT-TC-CE 35 W/43°
741507.77X.79	L 210, B 100, H 245	1 x HIT-TC-CE 70 W/12°
741509.77X.79	L 210, B 100, H 245	1 x HIT-TC-CE 70 W/41°



Any logo or pictogram of the customer's choosing can be integrated into standard luminaires via milling or printing, thus allowing the store operator and shopfitter to communicate brand messages in a robust and aesthetically pleasing manner at the POS.



.79 = With EB | .Q = Quick service (stock articles)

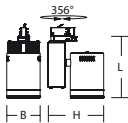
Specifications subject to alteration. Other options and accessories can be found in the current product selection guide or in the Internet under [www.rzb-lighting.com](http://www.rzb-lighting.com)



# CALIDO® EVO

Surface mounted projectors

Type of protection: IP 20  
Protection class: I  
Housing: die-cast aluminium, powder-coated, faceted reflector: aluminium, highly polished anodised finish, Safety glass, transparent, partially UV-absorbent, horizontal rotation range: 356°, vertical swivel range: 180°, lamp replacement without tools, with bayonet fixing, EB incorporated, with multi adaptor for 3-circuit tracks 230 V.  
Available colours (X): 2 = white, 3 = black, 4 = silver metallic  
Please replace X of the item no. with the requested colour code.



Surface mounted projectors			
741672.77X.79	L 167, B 100, H 162	1 x HIT-TC-CE	35 W / 34°
741675.77X.79	L 167, B 100, H 162	1 x HIT-TC-CE	50 W / 34°
741678.77X.79	L 167, B 100, H 162	1 x HIT-TC-CE	70 W / 34°

**LED** LED option on request





MINI







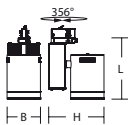
CALIDO®

Surface mounted projectors

Type of protection: IP 20  
Protection class: I

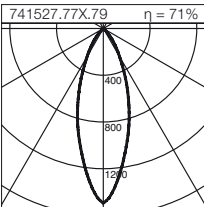
Housing: metal. EB housing: aluminium, faceted reflector, aluminium, highly polished anodised finish, safety glass, transparent, partially UV-absorbent, rotates 356° horizontally and swivels 180° vertically, lamp replacement without tools, with bayonet fixing, EB incorporated, with Multi adaptor for 3-circuit track 230 V.

Available colours (X): 2 = white, 4 = silver coloured, deep black, matt (RAL 9005)  
Please replace X of the item no. with the requested colour code.



Surface mounted projector

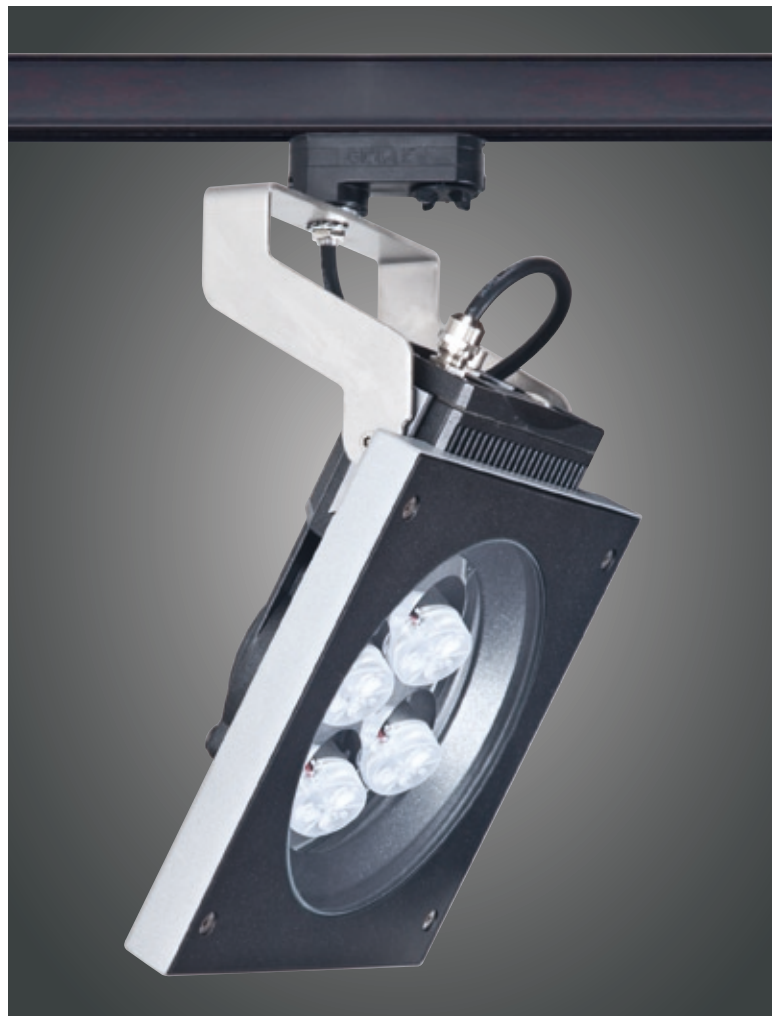
741527.77X.79	L 183, B 98, H 162	1 x HIT-TC-CE 35 W/34°
741530.77X.79	L 183, B 98, H 162	1 x HIT-TC-CE 70 W/34°



## GRAND BOHEMIAN

One of the salient traits of individuals with a strong personality is that they cope skillfully with daily challenges and integrate themselves into their environment in a manner that is fully consistent with and does not brook any compromise with their own personality. And so it is with our SLOPIA luminaires: stylish projectors that meet the highest design standards thanks to their extremely shallow and beautifully shaped spot-light element, while at the same time they impeccably fulfill their intended purpose, which is to provide masterful illumination.

HIT option



## SLOPIA®

Surface mounted projectors

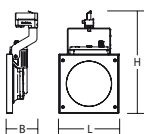
Type of protection: IP 20,  
luminaire body **IP 65**  
Protection class: I

Housing, housing cover, front frame and junction box: die-cast aluminium; projector's horizontal rotation range: 360°; vertical swivel range: 90°; gearbox incorporated; mounting bracket: stainless steel. Safety glass, transparent. Module insert with twin reflector system (for HIT-TC-CE): aluminium, highly polished anodised finish.

Standard Gore™ Protective Vents diaphragm valve for reduction of condensation.

Available colours: 31 = anthracite metallic

**LED**



### Surface mounted projectors with multi adaptor for 3-circuit tracks

#### Asymmetrical light distribution

741602.2631	L 224, B 110, H 360	1 x HIT-TC-CE 20 W
741567.2631	L 224, B 110, H 360	1 x HIT-TC-CE 35 W

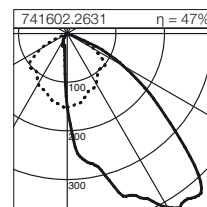
#### Symmetrical light distribution

741600.0031*	L 224, B 110, H 360	4 x LED 3,6 W 5400 K
741601.2631	L 224, B 110, H 360	1 x HIT-TC-CE 20 W
741565.2631	L 224, B 110, H 360	1 x HIT-TC-CE 35 W

\* LEDs included.

Further luminaires of this series, see:

Outdoor lighting | Wall luminaires, Bollards and Outdoor pole luminaires.



reddot design award  
winner 2011



.79 = With EB | .Q = Quick service (stock articles)

Specifications subject to alteration. Other options and accessories can be found in the current product selection guide or in the Internet under [www.rzb-lighting.com](http://www.rzb-lighting.com)



## ARLINE

Surface mounted projectors

Type of protection: IP 20  
Protection class: II

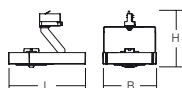
**LED**

Housing: die-cast aluminium, powder-coated,  
projector rotation range: 356° (horizontally);  
gimbals swivel range:  $\pm 30^\circ$  (in any direction);  
luminaire top swivel range: 90° (vertically),  
with multi adaptor for 3-circuit tracks 230 V.

Lamps are not included.

Available colours (X): 2 = white, 3 = black,  
4 = silver metallic

Please replace X of the item no. with the  
requested colour code.



**Surface mounted projector**  
with multi adaptor for 3-circuit tracks 230 V  
741615.00X L 256, B 178, H 178

1 x QR111 100 W /  
LED-AR111 17 W

### LED lamps | Array M lamp

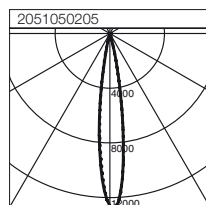
Voltage: 12 V AC/DC, non-dimmable  
Substitute for 50 watt QR111 lamp

#### Array M lamp G53 cap

1150281711	D 111, H 61	2800 K	8°	550 lm	15.5 W
2051050205	D 111, H 61	2800 K	20°	550 lm	15.5 W
2052050205	D 111, H 61	2800 K	45°	550 lm	15.5 W



ARLINE in silver metallic  
and white colour options





PURA SPOT S Mini, Midi and Maxi at a glance



## PURA SPOT S MINI

Surface mounted projectors

Type of protection: IP 20

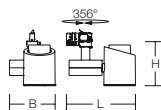
Protection class: I

Housing: die-cast aluminium, powder-coated, horizontal rotation range: 356°, vertical swivel range: 90°, Safety glass, transparent, partially UV-absorbent, heat resistant plastic ring; faceted aluminium reflector, with multi adaptor for 3-circuit tracks 230 V.

**Modular design: reflector unit (consisting of safety glass, heat resistant plastic ring and reflector) must be ordered separately.**

Available colours (X): 2 = white, 3 = black, 4 = silver coloured

Please replace X of the item no. with the requested colour code.



### Surface mounted projector

with multi adaptor for 3-circuit tracks 230 V without reflector

741623.26X.79 L 189, B 133, H 103 1 x HIT-TC-CE 20 W

### Modules

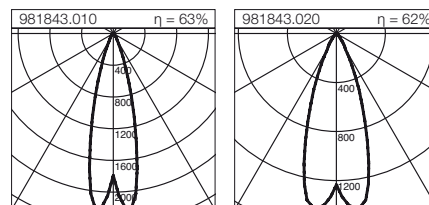
Reflector unit for Pura Spot R and S Mini

must always be ordered separately

981843.000	D 80, H 50 mm	Reflector: 14°
981843.010	D 80, H 53 mm	Reflector: 28°
981843.020	D 80, H 60 mm	Reflector: 41°



Further luminaires of this series, see:  
Indoor lighting | Recessed projectors



.79 = With EB | .Q = Quick service (stock articles)

Specifications subject to alteration. Other options and accessories can be found in the current product selection guide or in the Internet under [www.rzb-lighting.com](http://www.rzb-lighting.com)





# PURA SPOT S MIDL

Surface mounted projectors

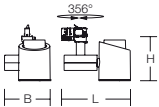
Type of protection: IP 20  
Protection class: I

Housing: die-cast aluminium, powder-coated, horizontal rotation range: 356°, vertical swivel range: 90°, Safety glass, transparent, partially UV-absorbent, heat resistant plastic ring; faceted aluminium reflector, with multi adaptor for 3-circuit tracks 230 V.

**Modular design: reflector unit (consisting of safety glass, heat resistant plastic ring and reflector) must be ordered separately.**

Available colours (X): 2 = white, 3 = black, 4 = silver coloured

Please replace X of the item no. with the requested colour code.

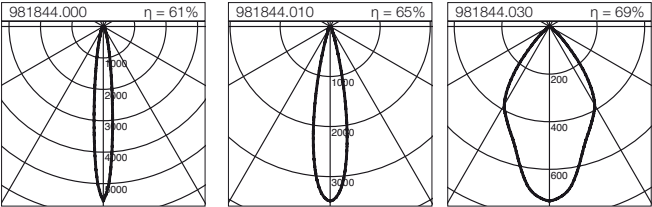


Surface mounted projector			
with multi adaptor for 3-circuit tracks 230 V			
without reflector			
741624.26X.79	L 203, B 134, H 127	1 x HIT-TC-CE	35 W
741625.26X.79	L 203, B 134, H 127	1 x HIT-TC-CE	50 W

Modules		
Reflector unit for Pura Spot R and S Midi		
must always be ordered separately		
981844.000	D 93, H 59 mm	Reflector: 12°
981844.010	D 93, H 61 mm	Reflector: 23°
981844.020	D 93, H 65 mm	Reflector: 44°
981844.030	D 93, H 68 mm	Reflector: 62°



Further luminaires of this series, see:  
Indoor lighting |  
Recessed projectors





## PURA SPOT S MAXI

Surface mounted projectors

Type of protection: IP 20

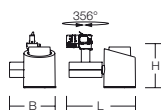
Protection class: I

Housing: die-cast aluminium, powder-coated, horizontal rotation range: 356°, vertical swivel range: 90°, Safety glass, transparent, partially UV-absorbent, heat resistant plastic ring; faceted aluminium reflector, with multi adaptor for 3-circuit tracks 230 V.

**Modular design: reflector unit (consisting of safety glass, heat resistant plastic ring and reflector) must be ordered separately.**

Available colours (X): 2 = white, 3 = black, 4 = silver coloured

Please replace X of the item no. with the requested colour code.



### Surface mounted projector

with multi adaptor for 3-circuit tracks 230 V without reflector

741629.77X.79 L 227, B 146, H 154 1 x HIT-CE 70 W

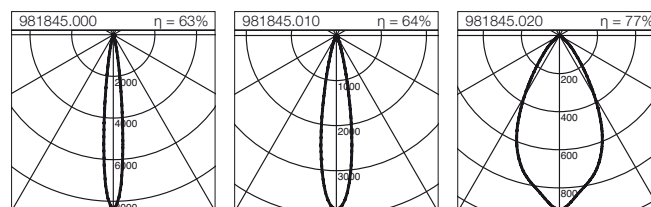
### Modules

**Reflector unit for Pura Spot R and S Maxi must always be ordered separately**

981845.000	D 116, H 63 mm	Reflector: 12,5°
981845.010	D 116, H 61 mm	Reflector: 20°
981845.020	D 116, H 67 mm	Reflector: 55°



Further luminaires of this series, see:  
Indoor lighting |  
Recessed projectors



.79 = With EB | .Q = Quick service (stock articles)

Specifications subject to alteration. Other options and accessories can be found in the current product selection guide or in the Internet under [www.rzb-lighting.com](http://www.rzb-lighting.com)

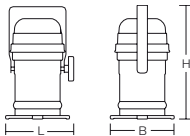


# FOCUS

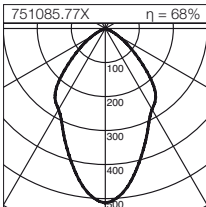
Surface mounted projectors



Type of protection: IP 20  
Protection class: I  
Housing: aluminium, with removable rear part.  
With mounting bracket and front frame with louvre. HIT-lamp with safety glass, partially UV-absorbing. 3-circuit adaptor version: horizontal rotation range: 356°, vertical swivel range: ± 90°. QR111: Integrated CB. Versions with mains plug and connection can be mounted to all cross-beams using the plastic or aluminium semi-clips. For direct ceiling mounting, we recommend luminaires with multi adaptor and point outlet (see Tracks/ Cross-Beams section).  
Available colours (X): 3 = black, 4 = aluminium, polished  
Please replace X of the item no. with the requested colour code.



Surface mounted projector			
with mains plug and 2 m power supply cable			
751114.07X	L 186, B 186, H 380	1 x QR111	100 W
751085.77X	L 186, B 186, H 380	1 x HIT-CE	70 W/70°
751088.77X	L 186, B 186, H 380	1 x HIT-CE	70 W/15°
with multi adaptor for 3-circuit tracks 230 V and for point outlet			
751113.07X	L 186, B 186, H 440	1 x QR111	100 W
751091.77X	L 186, B 186, H 440	1 x HIT-CE	70 W/70°
751092.77X	L 186, B 186, H 440	1 x HIT-CE	70 W/15°





# **TRIADE**

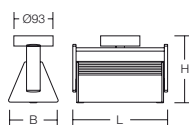
Surface mounted projectors

Type of protection: IP 20, **IP 40** with cover  
Protection class: I

Housing: aluminium, powder-coated.  
Horizontal rotation range: 356°. Vertical swivel range:  $\pm 90^\circ$ . Reflector: aluminium, highly polished anodised finish. Safety glass: transparent, partially UV-absorbing.

Available colours (X): 2 = white,  
31 = anthracite metallic, 4 = silver metallic

Please replace X of the item no. with the requested colour code.



## **Surface mounted projector QT-DE**

Beam angle  $\beta$  symmetrical 100°/90°  
with multi adaptor for 3-circuit tracks 230 V

751019.76X	L 225, B 150, H 195	1 x QT-DE12 230 W
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## **Surface mounted projector TC**

with multi adaptor for 3-circuit tracks 230 V  
Multi adaptor horizontal rotation range: 356°

751071.22X	L 285, B 150, H 195	1 x TC-TEL 26/32/42 W
751011.98X.79	L 334, B 150, H 195	2 x TC-L 18 W
751007.98X.Q	L 620, B 150, H 195	2 x TC-L 55 W

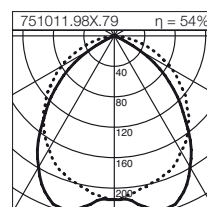
## **Accessories for Triade series projectors**

Parabolic mirror louvre, silver, highly polished anodised finish

981041.004	L 227, B 124	for 1 x TC-TEL 26/32/42 W
981042.004	L 277, B 124	for 2 x TC-L 18 W
981043.004	L 563, B 124	for 2 x TC-L 55 W



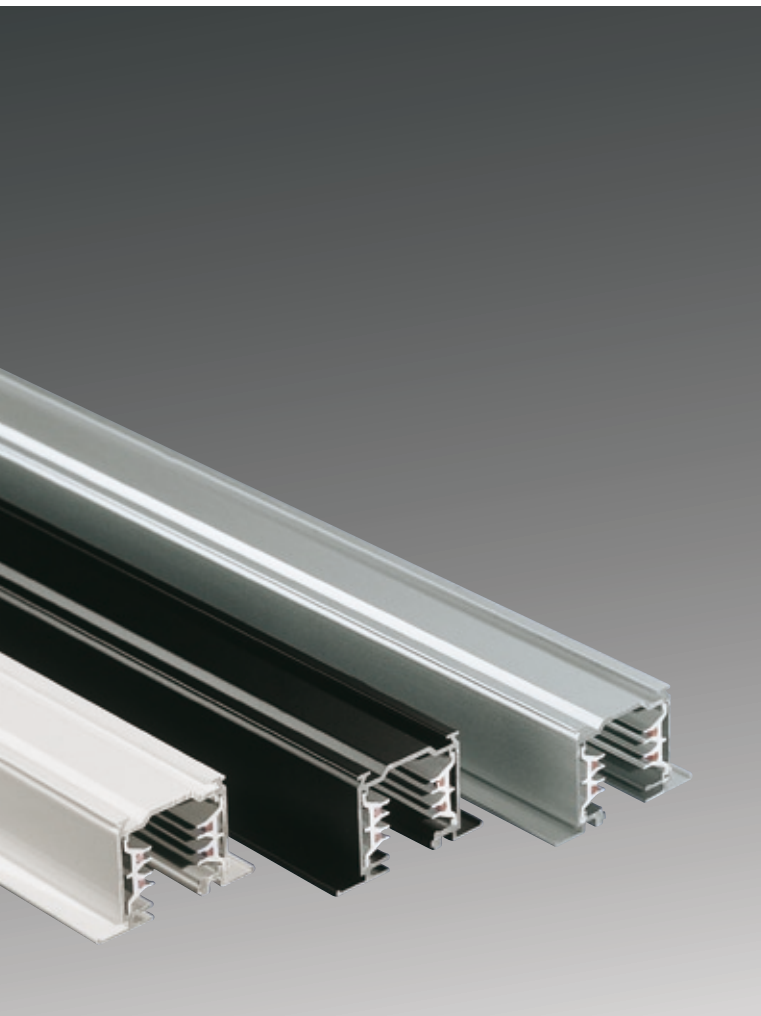
TC version



.79 = With EB | .Q = Quick service (stock articles)

Specifications subject to alteration. Other options and accessories can be found in the current product selection guide or in the Internet under [www.rzb-lighting.com](http://www.rzb-lighting.com)





## 3-CIRCUIT TRACKS

### Tracks

Type of protection: IP 20

Protection class: I

Aluminium extrusion profile, painted.

Tracks can be cut to any required length.

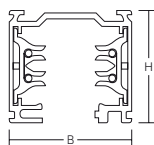
May be used within hand's reach.

Voltage: 250 V~ or

3-circuit current 230/400 V max. 16 A

Available colours (X): 2 = white, 3 = black,  
4 = aluminium, anodised

Please replace X of the item no. with the  
requested colour code.



### Surface mounted tracks

Length 4000 mm, mounting holes at 100, 990, 1990, 2990, 3870 mm

701066.00X L 4000, B 36, H 33

### Recessed tracks (track wings)

Length 4000 mm, mounting holes at 100, 990, 1990, 2990, 3870 mm

701070.00X L 4000, B 53, H 33



A comprehensive  
range of accessories  
for installation can be  
found in our current  
product selection  
guide or in the Inter-  
net under [www.rzb-lighting.com](http://www.rzb-lighting.com)



## TRUSS SYSTEMS

### Trusses

Type of protection: IP 20

Protection class: I

Trusses, fully aluminium, consisting of suspension tube: Ø 50 mm and columns: Ø 12 mm.

Dimensions 2-point truss:

Outside: 227 mm. Axial distance: tube centre: 176 mm, tube: 50 mm.

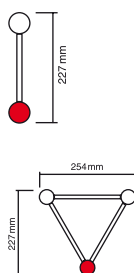
Dimensions 3-point truss:

Outside: 254 mm. Height: 227 mm. Axial distance: tube centre: 204 mm, tube: 50 mm.

Tube connectors, screws and self-locking nuts for mechanical connection included.

Electrical components (feeds and couplings) for trusses with tracks must be ordered separately.

Available colours: aluminium, natural



**X2R/E, straight, with 3-circuit tracks 230 V**

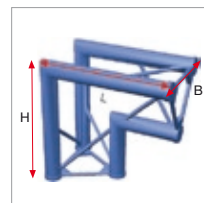
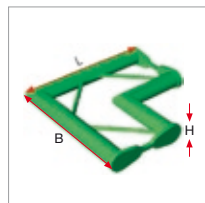
78.54105.00 L 4000, B 50, H 227

**X3R/E, straight, with 3-circuit track 230 V**

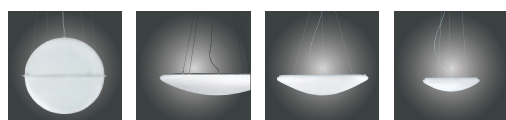
78.54030.00 L 4000, B 254, H 227



A comprehensive range of accessories for installation can be found in our current product selection guide or in the Internet under [www.rzb-lighting.com](http://www.rzb-lighting.com)



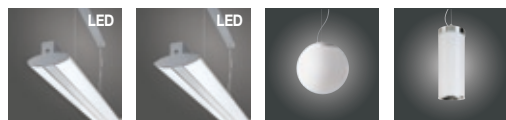
# Pendant luminaires



189 193 196 197



201 205 206 207



208 209 210 211



212 213 214 215



217 218













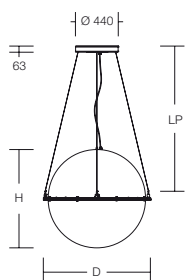
## GLOBOS POLYMERO®

Pendant luminaires

Type of protection: **IP 65**, ceiling canopy IP 20  
Protection class: I

Pendant luminaire, consisting of two hemispheres: PMMA, opal or transparent. The hemispheres are fastened to an aluminium ring with sash lock. 4-point steel cable suspension fastened to the aluminium ring, infinitely height adjustable. Housing for lampholder and luminaire equipment: sheet steel, powder-coated, white. Canopy: metal, Ø 440, h 63 (Type of protection: IP 20).

**Custom solutions on request.**



### Pendant luminaires D 1100 mm

Diffuser, plastic (PMMA), LP 1000 - 4500 mm  
transparent

311449.580.79 D 1100, H 1000 6 x TC-TL1 57 W

upper hemisphere: transparent, lower hemisphere: opal

311553.582.79 D 1100, H 1000 6 x TC-TL1 57 W

opal

311449.582.79 D 1100, H 1000 6 x TC-TL1 57 W

### Pendant luminaires D 1900 mm

Diffuser, plastic (PMMA), LP 2200 - 4500 mm  
transparent

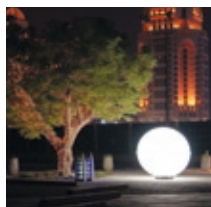
311446.750.78 D 1900, H 1800 12 x T26 (T8) 36 W

upper hemisphere: transparent, lower hemisphere: opal

311457.752.78 D 1900, H 1800 12 x T26 (T8) 36 W  
+ 1 x T16-R 55 W

opal

311446.752.78 D 1900, H 1800 12 x T26 (T8) 36 W  
+ 1 x T16-R 55 W



GLOBOS POLYMERO® as  
special floor luminaire



GLOBOS POLYMERO®  
with transparent and  
partly transparent diffuser













## THE MEGA SERIES OF UNMATCHED DIVERSITY

It takes a beam of light a mere 1.3 seconds to travel from the Earth to the Moon. How can such a powerful phenomenon be controlled and shaped? How can its myriad facets be rendered perceptible? The answer: with a luminaire we call the TENUO, which to all intents and purposes eliminates existing design limitations. Such a luminaire – a veritable celebration of quality and efficiency – is unmatched when it comes to model variety and versatility.



## FLAT POLYMERO® SUPER XXL

Pendant luminaires

Type of protection: **IP 40**

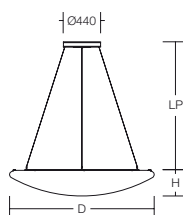
Protection class: I

Base and canopy: metal, powder-coated, white. 4-point steel cable suspension, infinitely height adjustable. Diffuser: plastic (PMMA). Diffuser fastening: sash lock. Canopy: white, Ø 440, H 63.

Version with sequencer is controlled by an electronic dimmer 1-10 V (to be provided on site).

Specific pendant lengths available on request.

Available colours: 2 = white



### Pendant luminaires

Diffuser, plastic (PMMA) D 1700 mm, LP 1500 - 4500 mm  
for colour temperature control white 10 x 2700 K and 24 x 6000 K or  
for single colour light (e.g. T26 34 x 18 W 4200 K)

311312.752.76 D 1700, H 300 34 x T26 (T8) 18 W

311312.752.78 D 1700, H 300 34 x T26 (T8) 18 W

without colour temperature control

311312.752.79 D 1700, H 300 34 x T26 (T8) 18 W

for RGB control 10 x red, 10 x green, 12 x blue  
(for optimal colour rendition we recommend OSRAM lamps)

311311.752.76 D 1700, H 300 32 x T26 (T8) 18 W

311311.752.78 D 1700, H 300 32 x T26 (T8) 18 W

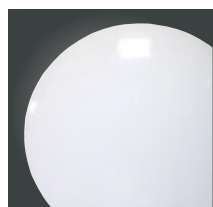
RGB control with sequencer (closed loop)

311311.752\* D 1700, H 300 32 x T26 (T8) 18 W

RGB control with radio control system, incl. remote control

311311.752.73\* D 1700, H 300 32 x T26 (T8) 18 W

\* With EB as standard



Further luminaires  
of this series, see:  
Indoor lighting |  
Ceiling and wall  
luminaires











## FLAT POLYMER® XXL

Pendant luminaires

Type of protection: **IP 40**

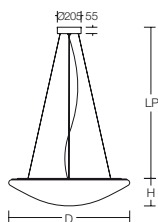
Protection class: I

Base and canopy: metal, powder-coated, white. Canopy: Ø 205, h 55. 3-point steel cable suspension, infinitely height adjustable. Diffuser: plastic (PMMA), opal or plastic (polycarbonate), opal. Diffuser fastening: sash lock, plastic.

Version with sequencer is controlled by an electronic dimmer 1–10 V (to be provided on site).

Specific pendant lengths and diffuser plastic (polycarbonate) available on request.

Available colours: 2 = white



### Pendant luminaires

Diffuser, plastic (PMMA) D 1040 mm, LP 1300 mm  
for colour temperature control white

311220.982 .Q*	D 1040, H 230	4 x TC-L 55 W
311232.982*	D 1040, H 230	6 x TC-L 55 W

for colour temperature control white (4 x 2700 K and 7 x 6000 K)

311223.752.76	D 1040, H 230	11 x T26 (T8) 18 W
311223.752.78	D 1040, H 230	11 x T26 (T8) 18 W

without colour temperature control

311223.752.79	D 1040, H 230	11 x T26 (T8) 18 W
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for RGB control (3 x red, 4 x green, 4 x bleu) for additive colour mixing  
(for optimal colour rendition we recommend OSRAM lamps)

311222.752.76	D 1040, H 230	11 x T26 (T8) 18 W
311222.752.78	D 1040, H 230	11 x T26 (T8) 18 W

RGB control with sequencer (closed loop)

311226.752*	D 1040, H 230	11 x T26 (T8) 18 W
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RGB control with radio control system, incl. remote control

311222.752.73*	D 1040, H 230	11 x T26 (T8) 18 W
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\* With EB as standard



Further luminaires  
of this series, see:  
Indoor lighting |  
Ceiling and wall  
luminaires



## FLAT POLYMERO®

Pendant luminaires

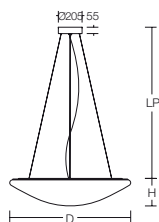
Type of protection: **IP 40**

Protection class: I

Base and canopy: metal, powder-coated, white. 3-point steel cable suspension, infinitely height adjustable. Diffuser: plastic (PMMA) opal. Diffuser fastening: sash lock, plastic. Canopy: Ø 205, h 55. EB incorporated.

Specific pendant lengths and diffuser plastic (polycarbonate) available on request.

Available colours: 2 = white



### Pendant luminaires

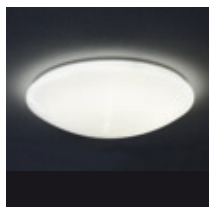
Diffuser, plastic (PMMA), LP 1300 mm

**D 460 mm**

311201.962.1.79	D 460, H 120	2 x TC-DEL 18 W
311202.952.1.79	D 460, H 120	2 x TC-DEL 26 W
311514.002.1	D 460, H 120	1 x T16-R 40 W

**D 620 mm**

311207.962.1.79	D 620, H 160	3 x TC-DEL 18 W
311208.862.1.79	D 620, H 160	2 x TC-F 24/36 W
311209.002.1	D 620, H 160	1 x T16-R 22 W + 40 W



Further luminaires  
of this series, see:  
Indoor lighting |  
Ceiling and wall  
luminaires















## FLAT POLYMERO® KREIS XXL

Pendant luminaires

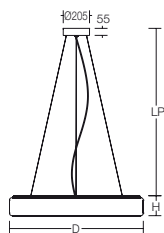
Type of protection: **IP 40**

Protection class: I

Base and canopy: metal, powder-coated, white. 3-point steel cable suspension, infinitely height adjustable. Diffuser: plastic (PMMA) opal, diffuser fastening: sash lock. Canopy: Ø 205, h 55.

Specific pendant lengths and diffuser plastic (polycarbonate) available on request.

Available colours: 2 = white



### Pendant luminaires

Diffuser, plastic (PMMA) D 1040 mm, LP 1300 mm  
for colour temperature control white

311292.982*	D 1040, H 150	4 x TC-L 55 W
311292.982.76	D 1040, H 150	4 x TC-L 55 W
311292.982.78	D 1040, H 150	4 x TC-L 55 W
311328.982*	D 1040, H 150	6 x TC-L 55 W
311328.982.76	D 1040, H 150	6 x TC-L 55 W
311328.982.78	D 1040, H 150	6 x TC-L 55 W

\* With EB as standard



Further luminaires  
of this series, see:  
Indoor lighting |  
Ceiling and wall  
luminaires













## IN THE CIRCLE OF LIGHT

Our DOUALA luminaires appear to float and in so doing capture your attention. They make a seamless transition from satin-finish opal glass to brushed stainless steel and back again. It's hard to decide which is more impressive: the DOUALA's sophisticated hybrid technology, which combines diffuse light with a downlight; or this imposing circle in and of itself, where stainless steel and glass meld impeccably and which is much more than a mere luminaire.



## DOUALA

Pendant luminaires

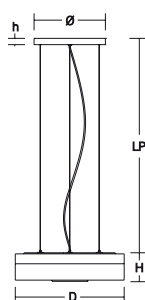
Type of protection: **IP 40**

Protection class: I

Base: brushed stainless steel. Mouth-blown, 3-layer opal glass, satin finish. Fastening: patent-pending spring system. 3-point steel cable suspension, adjustable to 1200 mm or customised lengths on request.

LED module included.

Available colours: 0 = stainless steel, brushed



### Pendant luminaires

#### Diameter D 300 mm

311562.000	D 300, H 95	LED 30 W 3000 K / 2100 lm
311562.000.1	D 300, H 95	LED 30 W 4000 K / 2100 lm

#### Diameter D 400 mm

311567.000.1 **	D 400, H 102	LED 45 W 3000 K / 3500 lm
311567.000.2 **	D 400, H 102	LED 45 W 4000 K / 3500 lm
311521.000 *	D 400, H 102	1 x T16-R 22 W + 40 W

#### with recessed downlight

311522.000 *	D 400, H 102	1 x T16-R 22 W + 40 W + 1 x LED 9 W 3000 K
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\* Dimmable versions are available upon request

\*\* Version with LED 75 W/6000 lm in preparation

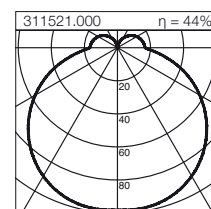


Further luminaires of this series, see:

Indoor lighting | Recessed ceiling and wall luminaires,  
Ceiling and wall luminaires



reddot design award  
winner 2010



.79 = With EB | .Q = Quick service (stock articles)

Specifications subject to alteration. Other options and accessories can be found in the current product selection guide or in the Internet under [www.rzb-lighting.com](http://www.rzb-lighting.com)



The DOUALA KRISTALL is a crystal-clear, luminous and appealing luminaire that is also a stylish design element that pays homage to one of the most harmonious forms in nature: the circle.



## DOUALA KRISTALL

Pendant luminaires

Type of protection: **IP 40**

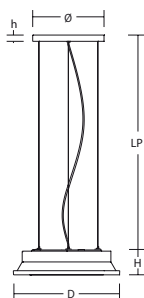
Protection class: I

**LED**

Base: brushed stainless steel. Crystal glass: transparent, partially frosted inside. Fastening: patent-pending spring system. 3-point steel cable suspension, adjustable to 1200 mm or customised lengths on request.

LED module included.

Available colours: 0 = stainless steel, brushed

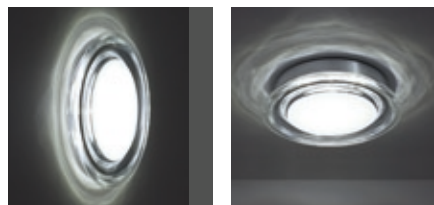


### Pendant luminaires

311532.000	D 350, H 95	LED 30 W 4000 K / 2100 lm
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Further luminaires of this series, see:

Indoor lighting | Recessed ceiling and wall luminaires,  
Ceiling and wall luminaires





## DOUALA WHITE

Pendant luminaires

Type of protection: **IP 40**

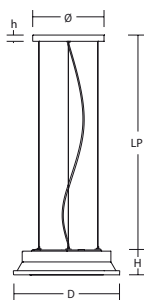
Protection class: I

**LED**

Base: brushed stainless steel. Mouth-blown, 3-layer opal glass, satin finish. Fastening: patent-pending spring system. 3-point steel cable suspension, adjustable to 1200 mm or customised lengths on request.

LED module included.

Available colours: 0 = stainless steel, brushed



### Pendant luminaires

#### Diameter D 350 mm

311534.000	D 350, H 95	LED 30 W 3000 K / 2100 lm
311534.000.1	D 350, H 95	LED 30 W 4000 K / 2100 lm

#### Diameter D 460 mm

311538.000 **	D 460, H 105	LED 45 W 3000 K / 3500 lm
311538.000.1 **	D 460, H 105	LED 45 W 4000 K / 3500 lm
311536.000 *	D 460, H 105	1 x T16-R 22 W + 1 x T16-R 55 W

\* Dimmable versions are available upon request

\*\* Version with LED 75 W/6000 lm in preparation

Further luminaires of this series, see:

Indoor lighting | Recessed ceiling and wall luminaires,  
Ceiling and wall luminaires



.79 = With EB | .Q = Quick service (stock articles)

Specifications subject to alteration. Other options and accessories can be found in the current product selection guide or in the Internet under [www.rzb-lighting.com](http://www.rzb-lighting.com)





## WELL-CONSIDERED UNDERSTATEMENT

Not overbearing, but no wallflower either. Subtle and yet present. Minimal, and yet refined. Such superb aesthetic qualities shouldn't be wasted by occurring outside of our field of view. But in fact our LAVANO luminaires are both beautiful and unobtrusive, and lend an ideally elegant accent to the decors of spaces where high illuminance and exceptionally ergonomic lighting are key. All this is made possible by a pair of adjacent diffusers that direct the light in two segments and thus generate a particularly bright and direct flashing light element.



## LAVANO®

Pendant luminaires

Type of protection: IP 40  
Protection class: I

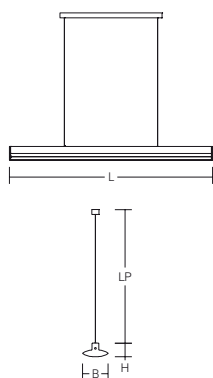
**LED**

Modular design; luminaire base and end caps: anodised stainless steel, brushed; diffuser: plastic, opal, allows for brilliant glittering light along the lines of the ellipse. Steel suspension cable can be adjusted to a maximum length of 1500 mm.

Available colour for decorative board: aluminium, brushed (.1)

**LED boards included**

Available colours: 0 = stainless steel, brushed

**Pendant luminaires with LED****Length L 1200 mm**

451125.000.1	L 1200, B 109, H 80	2 x LED 41 W 2700 K
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**Pendant luminaires for T16-D seamless****Length L 1200 mm**

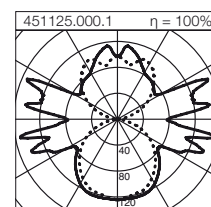
451126.750.1	L 1200, B 109, H 80	2 x T16 (T5) 28/54 W
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Further luminaires of this series, see:  
Indoor lighting | Ceiling and wall luminaires



reddot design award  
winner 2010





## LAVANO® WING

Pendant luminaires

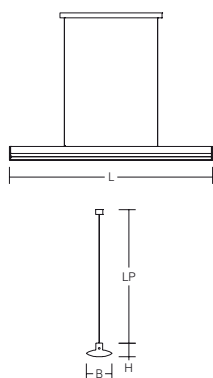
Type of protection: IP 40  
Protection class: I

**LED**

Modular design; luminaire base and end caps: anodised stainless steel, brushed; diffuser (tapering at the sides): plastic (PMMA), opal, allows for brilliant glittering light. Steel suspension cable can be adjusted to a maximum length of 1500 mm.

**LED board included.**

Available colours: 0 = stainless steel, brushed



### Pendant luminaires with LED

#### Length L 1200 mm

451075.000.1	L 1200, B 150, H 80	2 x LED 41 W 2700 K
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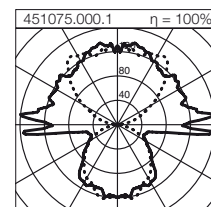
### Pendant luminaires for T16-D seamless

#### Length L 1200 mm

451082.750.1	L 1200, B 150, H 80	2 x T16 (T5) 28/54 W
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Further luminaires  
of this series, see:  
Indoor lighting |  
Ceiling and wall  
luminaires



.79 = With EB | .Q = Quick service (stock articles)

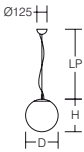
Specifications subject to alteration. Other options and accessories can be found in the current product selection guide or in the Internet under [www.rzb-lighting.com](http://www.rzb-lighting.com)



# BASIC BALL

Pendant luminaires

Type of protection: **IP 40**  
Protection class: I  
Base: metal, powder-coated, white. Canopy: plastic, white. Power supply cable: white.  
Cable: steel. Sphere: opal glass, mouth-blown, satin finish, or plastic, shockproof, opal, satin finish.  
Specific pendant lengths available on request.  
Available colours: 2 = white



Pendant luminaires		
<b>Glass sphere</b>		
<b>D 400 mm, LP 1500 mm</b>		
311016.812	D 400, H 400	1 x TC-TEL 26/32/42 W
<b>D 500 mm, LP 1500 mm</b>		
311261.812	D 500, H 500	2 x TC-TEL 26/32 W
<b>D 600 mm, LP 1500 mm</b>		
311540.582	D 600, H 600	2 x TC-TEL 57 W
<b>Plastic sphere</b>		
<b>D 400 mm, LP 1500 mm</b>		
311055.812 .Q	D 400, H 400	1 x TC-TEL 26/32/42 W
<b>D 500 mm, LP 1500 mm</b>		
311293.812 .Q	D 500, H 500	2 x TC-TEL 26/32 W
<b>D 630 mm, LP 1500 mm</b>		
311542.582	D 630, H 630	2 x TC-TEL 57 W



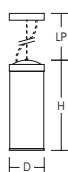
## CYL BASIC

Pendant luminaires

Type of protection: IP 20

Protection class: I

Base and canopy: metal, chrome-plated; canopy Ø 205 mm, h 40 mm incl. mounting plate with connecting terminal and mounting elements for suspension cable; plastic cylinder: transparent, with integrated antiglare tube, opal or plastic cylinder: opal; mirror reflector.



**Modular design: The suspension cable must be ordered separately.**

Specific pendant lengths available on request.

Available colours: 44 = chrome, smooth finish

Further luminaires of this series, see:

Indoor lighting | Wall luminaires,

Indoor lighting | Surface mounted downlights



**Pendant luminaires for cable suspension, quick cable adjustment**

**Cylinder: plastic, transparent, with integrated anti-glare tube, opal**

931093.9844	D 205, H 540	2 x TC-L 36 W
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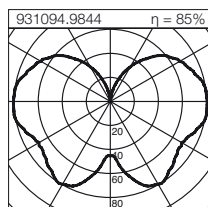
**Cylinder: plastic, opal**

931094.9844	D 205, H 540	2 x TC-L 36 W
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### Accessories

**Cable suspension**

981229.000	LP 2000
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## DUO OPAL

Pendant luminaires

Type of protection: IP 20

Protection class: I

Base: plastic. Canopy: plastic, white. With power supply cable and steel cable. Opal glass: mouth-blown, silk finish. Reflector: aluminium, highly polished anodised finish.

Specific pendant lengths available on request.

Available colours (X):

2 = white, 4 = silver metallic

Please replace X of the item no. with the requested colour code.



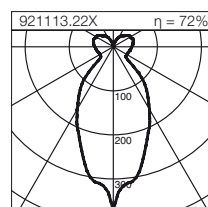
Pendant luminaires, Luminaire weight < 5 kg

Glass closed, D 315 mm, LP 1080 mm

921113.22X

D 315, H 320

1 x TC-TEL 26/32/42 W





## FESTIVAL HALL

Pendant luminaires

Type of protection: IP 21

Protection class: I

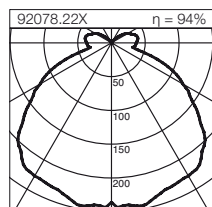
Base: die-cast aluminium and sheet steel, powder-coated. Refractor: plastic, transparent, prismatic outside. Second M 20 cable screw fitting available at additional cost. Order cover and suspension system separately! Luminaires for ceiling installation available on request.

**Modular design: The suspension cable must be ordered separately!**

Available colours (X):

2 = white, 4 = silver metallic

Please replace X of the item no. with the requested colour code.



FESTIVAL HALL series  
with opal glass diffuser



**Pendant luminaires, luminaire weight < 5 kg**

**Refractor: plastic, transparent D 315 mm**

92078.22X	D 315, H 375	1 x TC-TEL 26/32/42 W
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Versions with coloured refractors are available upon request

**Pendant luminaires, luminaire weight > 5 kg**

**Refractor: plastic, transparent D 410 mm**

921212.22X	D 410, H 450	2 x TC-TEL 42 W
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**Refractor: plastic, transparent D 570 mm**

921208.22X .Q	D 570, H 545	4 x TC-TEL 42 W
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92075.73X .Q	D 570, H 655	1 x HIE-P/w, HSE 400 W
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**Suspension cable with cylindrical canopy**

Canopy (Ø 150 mm, h 35 mm): metal, powder-coated. Steel cable (Ø 1,5 mm), incl. connecting socket, mounting material, cable hanger and 3- or 5-pole power supply cable.

Specific pendant lengths available on request

**3-pole power supply cable, without safety cable**

981007.00X	LP 2000 mm
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**with additional safety cable (Ø 1.5 mm) for luminaires > 5 kg**

981015.00X.1	LP 2000 mm
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## SHOPPING MALL MIDI

Pendant luminaires

Type of protection: IP 21

Protection class: I

Base: die-cast aluminium and sheet steel, powder-coated. Reflector: aluminium, highly polished anodised finish. Second M 20 cable screw fitting available at additional cost. Luminaire for ceiling installation available on request.

**Modular design: The suspension cable must be ordered seperately!**

Available colours: 4 = silver metallic



**Pendant luminaires, Luminaire weight < 5 kg**

**Reflector: D 315 mm**

921259.734	D 315, H 400	1 x HIE-P/w, HSE 70 W
921263.734	D 315, H 400	1 x HIE-P/w 100 W
921223.224 .Q	D 315, H 400	1 x TC-TEL 26/32/42 W

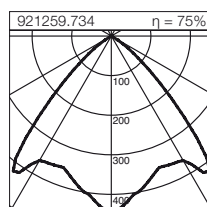
**Suspension cable with cylindrical canopy**

Canopy (Ø 150 mm, h 35 mm): metal, powder-coated. Steel cable (Ø 1,5 mm), incl. connecting socket, mounting material, cable hanger and 3- or 5-pole power supply cable.

Specific pendant lengths available on request

**3-pole power supply cable, without safety cable**

981007.00X LP 2000 mm





## SHOPPING MALL

Pendant luminaires

Type of protection:

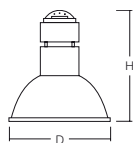
**IP 23** without cover, **IP 54** with cover

Protection class: I

Base: metal, powder-coated. Reflector: aluminium, highly polished anodised finish. Second M 20 cable screw fitting available at additional cost.

**Modular design: The suspension cable must be ordered seperately!**

Available colours: 4 = silver metallic



**Pendant luminaires, Luminaire weight > 5 kg**

**Reflector: aluminium D 490 mm, wide beam**

921096.734	D 490, H 680	1 x HIE-P/w, HSE 250 W
921098.734	D 490, H 680	1 x HIE-P/w, HSE 400 W

Versions with narrow beam reflector are available upon request

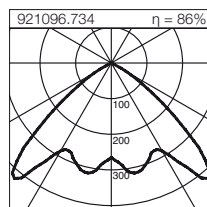
**Suspension cable with cylindrical canopy**

Canopy (Ø 150 mm, h 35 mm): metal, powder-coated. Steel cable (Ø 1,5 mm), incl. connecting socket, mounting material, cable hanger and 3- or 5-pole power supply cable.

Specific pendant lengths available on request

**with additional safety cable (Ø 1.5 mm) for luminaires > 5 kg**

981015.00X.1	LP 2000 mm
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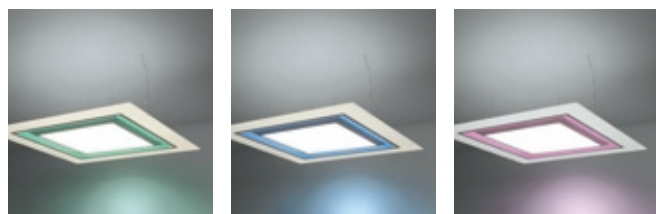


reddot design award  
best of the best 2010



## LIGHTING AESTHETICS FOR A FEELING OF WELL BEING

Imagine how it would be if you could fill a room with natural daylight regardless of the position of the sun. Simulating this delicious outdoor feeling using artificial light creates a tremendous feeling of well being. And imagine how it would be if you had at your disposal a whole series of luminaires whose simplicity, accessories and versatility allowed you to position the lights just about anywhere you want in a given room. Well, this lighting solution already exists. It's called the ECONE.



## ECONE® HYBRID

Pendant luminaires

Type of protection: IP 20

Protection class: I

Housing: sheet steel, powder-coated; diffuser: plastic (PMMA), opal; additional light frame with RGB LED or with warm white fluorescent lamp; control gear incorporated; steel cable with canopy, adjustable up to 3 m.

Available colours: 2 = white

Further luminaires of this series, see:

Indoor lighting | Recessed ceiling and wall luminaires,  
Ceiling and wall luminaires



.79 = With EB | .Q = Quick service (stock articles)

Specifications subject to alteration. Other options and accessories can be found in the current product selection guide or in the Internet under [www.rzb-lighting.com](http://www.rzb-lighting.com)



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### Pendant luminaires, light frame: RGB

#### DALI / DMX control system

901256.982	L 845, B 845, H 115	4 x TC-L 26 W + 120 x LED 0,2 W RGB
901263.982	L 845, B 845, H 115	4 x TC-L 40 W + 120 x LED 0,2 W RGB

#### DALI / EIB control system

901258.982	L 845, B 845, H 115	4 x TC-L 26 W + 120 x LED 0,2 W RGB
901264.982	L 845, B 845, H 115	4 x TC-L 40 W + 120 x LED 0,2 W RGB

#### DALI / Radio control system

901256.982.73*	L 845, B 845, H 115	4 x TC-L 26 W + 120 x LED 0,2 W RGB
901263.982.73*	L 845, B 845, H 115	4 x TC-L 40 W + 120 x LED 0,2 W RGB

### Pendant luminaires, light frame: white

#### DALI / DALI control system

901267.982.76	L 845, B 845, H 115	4 x TC-L 26 W + 4 x T16 (T5) 14/24 W
901268.982.76	L 845, B 845, H 115	4 x TC-L 40 W + 4 x T16 (T5) 14/24 W

\* Colour sequence can be adjusted via remote control (remote control must be ordered separately).

#### Accessories

981894.000	Decorative cover made of acrylic plastic L 1000, B 1000, H 6
981644.009	Remote control (hand-held transmitter)



# FLATLINER

Pendant luminaires, Ceiling luminaires

Type of protection: **IP 40**

Protection class: I

Base and canopy: metal, powder-coated, white; 3-point steel cable suspension, steplessly adjustable; transparent connecting cable. Lampshades can be mounted without tools.

Lampshade standard colour: 66.8003.01 white

Standard colour top cover: 66.8003.01 white

**Further colours (see illus.) are available at the same price.**

**Please specify special colours of the lamp shade and the top cover separately. Other lampshade dimensions are available upon request.**

**Modular design: The lampshades need to be ordered separately for each luminaire.**

Available colours: 2 = white



## Basic luminaire for lampshade attachment

### Flatliner 700

#### Ceiling mounting

311551.862.1 D 620, H 160 2 x TC-F 24/36 W

#### Pendant mounting

#### LP 100 - 1300 mm

311548.862.1 D 620, H 160 2 x TC-F 24/36 W

## Modules

### Chintz lampshades

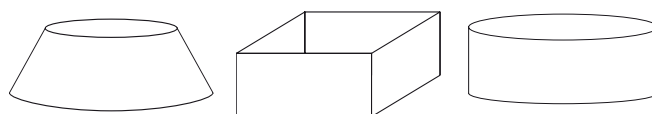
#### Flatliner 700

981868.002 D 700 mm, H 250 mm

981871.002 L 700 mm, B 700 mm, H 250 mm

981874.002 D (at the top) 670 mm, D (at the bottom) 810 mm, H 250 mm

Shapes: truncated cone (apex pointing upwards), cuboid, cylinder



## Chintz lampshades

### Colour chart

W06630

Chintz colour chart for 53 different patterns



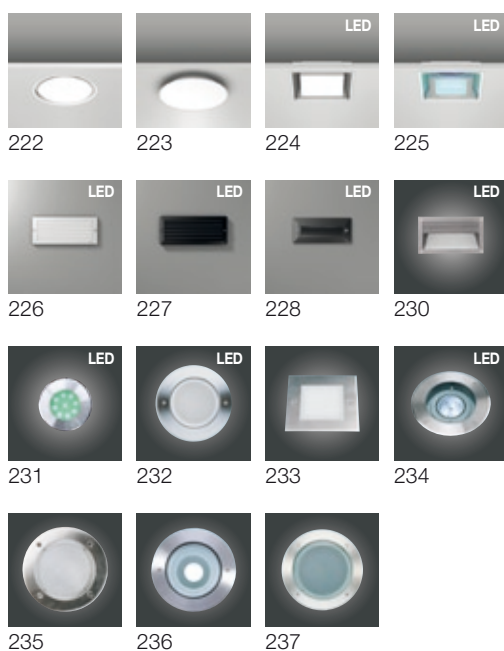


#### Chintz pattern colour options:

66.8003.01	white	
66.8003.02	cream	
66.8003.03	sunny yellow	
66.8003.04	mint green	
66.8003.07	light brown	
66.8003.08	beige	
66.8003.09	burgundy	
66.8003.11	off-white	
66.8003.12	dark beige	
66.8003.14	dark blue	
66.8003.16	salmon cream	
66.8003.17	rose	
66.8003.18	light grey	
66.8003.19	brick-red	
66.8003.20	black	
66.8003.21	open white	
66.8003.22	vanilla beige	
66.8003.23	open white	
66.8003.24	blue	
66.8003.25	light purple	
66.8003.26	salmon	
66.8003.27	violet	
66.8003.28	dark purple	
66.8003.29	fuchsia	
66.8003.30	yellow	
66.8003.31	light yellow	
66.8003.32	canary	
66.8003.33	mustard	
66.8003.35	aqua	
66.8003.36	dark aqua	
66.8003.37	light blue	
66.8003.42	dark green	
66.8003.44	lime green	
66.8003.47	green	
66.8003.48	apple green	
66.8003.50	olive	
66.8003.54	dark blue	
66.8003.64	orange	
66.8003.65	light orange	
66.8003.66	old pink	
66.8003.77	dark brown	
66.8003.81	grey	
66.8003.84	light beige	
66.8003.85	yellowish beige	
66.8003.86	sandbeige	
66.8003.87	dark beige	
66.8003.88	terracotta	
66.8003.90	red	
66.8003.91	dark red	
66.8003.92	scarlet	
66.8003.93	brick-red	
66.8003.94	dark terracotta	
66.8003.95	christmas red	



# Recessed luminaires









## THE INCREDIBLE LIGHTNESS OF BEING

The MONDANA, which was designed by Harmut S. Engel, combines the gentle direct light of the ultra-thin matt diffuser with very intelligently designed reflections – thus creating a playful lightness of light and form in a weightless, almost sensual dance.



## MONDANA®-E

Recessed ceiling and wall luminaires

Type of protection: **IP 65**

Protection class: I

Protection class II upon request

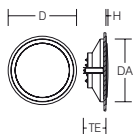
UGR index: < 19

Ceiling thickness: 10-30 mm

Base: plastic (polycarbonate), microtexture finish; diffuser: hand-blown opal glass, satin finish, or plastic (polyethylene), opal, satin finish. Diffuser fastening: threaded fitting. Housing for recessed wall and ceiling installation: aluminium, powder-coated.

Standard Gore™ Protective Vents diaphragm valve for reduction of condensation.

Available colours: 2 = white



## Recessed ceiling and wall luminaires

**Glass: opal, satin finish D 280 mm, recess opening DA 325 mm, TE 120 mm**  
551029.922.12\* D 352, H 2 1 x TC-DEL 10 W

**Diffuser: plastic D 280 mm, recess opening DA 325 mm, TE 120 mm**

551030.922.12\* D 352, H 2 1 x TC-DEL 10 W

**Diffuser: plastic D 440 mm, recess opening DA 505 mm, TE 120 mm**

551032.862.12\* D 530, H 2 1 x TC-F 24 W

551065.002.12\* D 530, H 2 1 x T16-R 22 W

**with movement sensor**

551065.002.12.19\* D 530, H 2 1 x T16-R 22 W

**Diffuser: plastic D 550 mm, recess opening DA 625 mm, TE 140 mm**

551066.802.12 D 650, H 2 1 x T16-R 22 W + 40 W

551067.002.12\* D 650, H 2 1 x T16-R 55 W

**with movement sensor**

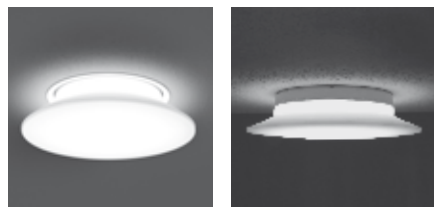
551067.002.12.19\* D 650, H 2 1 x T16-R 55 W

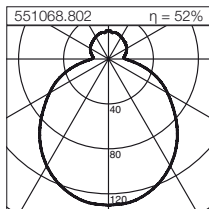
\* With EB as standard

Recessed housings for concrete walls, ceilings and facades are available for all recessed and semi-recessed MONDANA options.



Further luminaires of this series, see:  
Outdoor lighting | Ceiling and wall luminaires





product  
design  
award  
2010



reddot design award  
honourable mention 2009



Designpreis  
Deutschland  
2011  
NOMINIERT



## MONDANA®-HE

Semi-recessed ceiling and wall luminaires



Type of protection: **IP 65**

Protection class: I

Protection class II upon request

UGR index: < 19

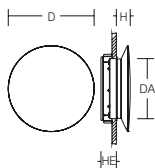
Ceiling thickness: 10-30 mm

Base: plastic (polycarbonate), microtexture finish; diffuser: hand-blown opal glass, satin finish, or plastic (polyethylene), opal, satin finish. Diffuser fastening: threaded fitting.

Semi-recessed housing for wall and ceiling installation: aluminium, powder-coated.

Standard Gore™ Protective Vents diaphragm valve for reduction of condensation.

Available colours: 2 = white



### Semi-recessed ceiling and wall luminaires

**Opal glass, satin finished D 280 mm, recess opening DA 185 mm, TE 90 mm**

551047.922.79 D 280, H 68 1 x TC-DEL 10 W

**Opal glass, satin finished D 390 mm, recess opening DA 310 mm, TE 96 mm**

551060.862.79 D 390, H 57 1 x TC-F 24 W

551073.002\* D 390, H 57 1 x T16-R 22 W

**Opal glass, satin finished D 500 mm, recess opening DA 390 mm, TE 100 mm**

551071.802 D 500, H 78 1 x T16-R 22 W + 40 W

551072.002\* D 500, H 78 1 x T16-R 55 W

**Diffuser: plastic D 280 mm, recess opening DA 185 mm, TE 90 mm**

551050.922.79 D 280, H 70 1 x TC-DEL 10 W

**Diffuser: plastic D 440 mm, recess opening DA 310 mm, TE 96 mm**

551054.862.79 D 440, H 65 1 x TC-F 24 W

551070.002\* D 440, H 65 1 x T16-R 22 W

**with movement sensor**

551070.002.19 D 440, H 65 1 x T16-R 22 W

**Diffuser: plastic D 550 mm, recess opening DA 390 mm, TE 100 mm**

551068.802 D 550, H 85 1 x T16-R 22 W + 40 W

551069.002\* D 550, H 85 1 x T16-R 55 W

**with movement sensor**

551069.002.19 D 550, H 85 1 x T16-R 55 W

\* With EB as standard

Recessed housings for concrete walls, ceilings and facades are available for all recessed and semi-recessed MONDANA options.



Further luminaires  
of this series, see:  
Outdoor lighting |  
Ceiling and  
wall luminaires

.79 = With EB | .Q = Quick service (stock articles)

Specifications subject to alteration. Other options and accessories can be found in the current product selection guide or in the Internet under [www.rzb-lighting.com](http://www.rzb-lighting.com)

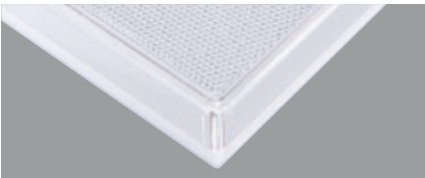




Front side: opal



Front side: transparent, prismatic inside



# QUADRANA®

Recessed ceiling and wall luminaires

Type of protection: **IP 65**

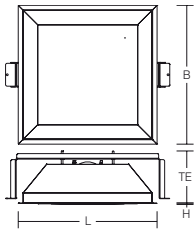
Protection class: I

Ceiling thickness: 10-30 mm

Base: die-cast aluminium, powder-coated;  
diffuser: plastic (PMMA) two-piece, opal  
or transparent, prismatic inside. Diffuser  
fastening: toggles. Recessed housing  
for installation in cavity walls and ceilings:  
metal, powder-coated, white.

Standard Gore™ Protective Vents diaphragm  
valve for reduction of condensation.

Available colours: 2 = white



## Recessed ceiling and wall luminaires

**Recess opening 390 x 390 mm, TE 130 mm**

**Diffuser: plastic, opal, front side opal**

311482.842.12.79	L 420, B 420, H 2	1 x TC-TEL	18 W
311493.842.12.79*	L 420, B 420, H 2	2 x TC-TEL	18 W

**Diffuser: plastic, opal, front side: transparent, prismatic inside**

311496.842.12.79	L 420, B 420, H 2	1 x TC-TEL	18 W
311499.842.12.79*	L 420, B 420, H 2	2 x TC-TEL	18 W

\* External EB

## Accessories

**Moulded housing for installation in concrete**

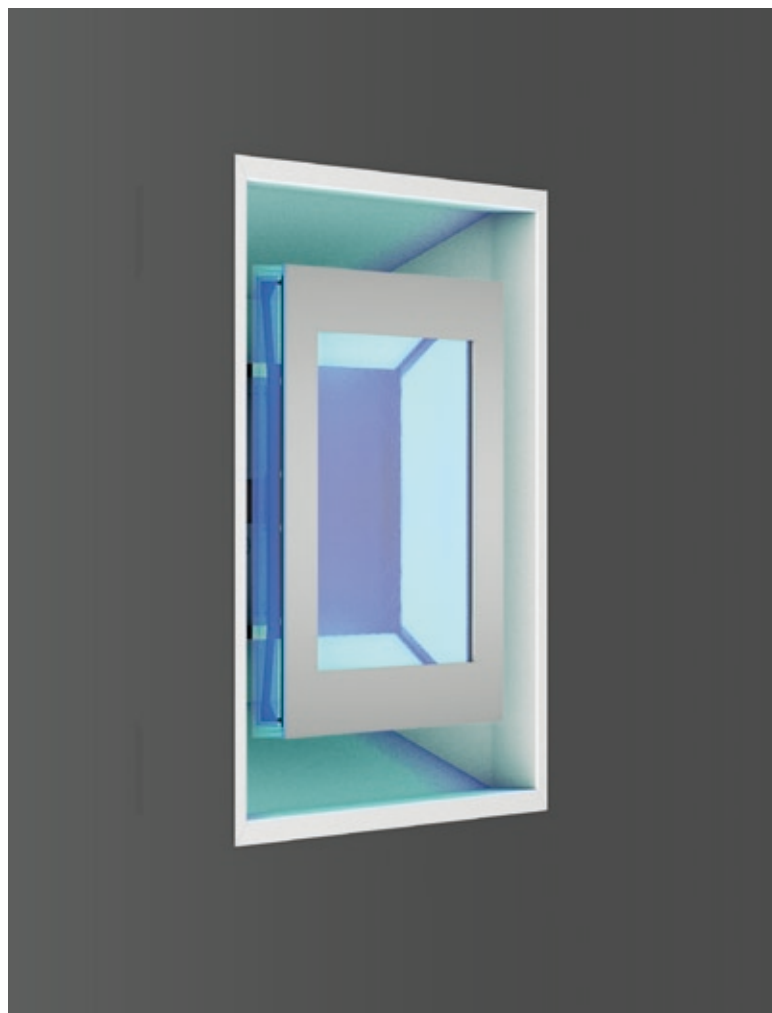
981638.002	L 439, B 439, H 140
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Further luminaires  
of this series, see:  
Outdoor lighting |  
Ceiling and  
wall luminaires

LIGHT SQUARED, GRACE RAISED TO THE POWER OF TWO

Hartmut S. Engel, the chief designer for our QUADRANA line, has a sure feel for minimal design and new forms of expression; and thus it's no surprise that the QUADRANA is a masterpiece of lighting aesthetics, whose captivating interplay of direct and indirect light makes the QUADRANA both an object and experience. Grace is a quality which, when translated into a geometric form, surely resembles this completed square of light.



## QUADRANA® LIGHT SPACE

Recessed ceiling and wall luminaires

Type of protection: **IP 65**

Protection class: I

Ceiling thickness: 10-30 mm

Base: die-cast aluminium, powder-coated; diffuser: plastic (PMMA), two-piece. Front frame: stainless steel, brushed, or white. Diffuser fastening: toggles. Recessed housing for installation in cavity walls and ceilings. With 16 LED and electronic constant power supply.

Standard Gore™ Protective Vents diaphragm valve for reduction of condensation.

Available LED colour:

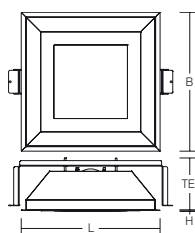
blue - Front frame: stainless steel, brushed

white - Front frame: stainless steel, white

LED included.

Available colours: 2 = white

**LED**



### Recessed ceiling and wall luminaires

Recess opening 390 x 390 mm, TE 130 mm

Diffuser: plastic, opal, front side: transparent

311484.002.12	L 420, B 420, H 2	16 x LED 1,2 W blue
311511.002.12	L 420, B 420, H 2	16 x LED 1,2 W 5400 K

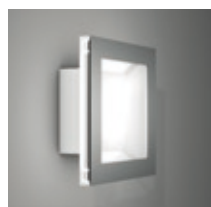
Diffuser: plastic, opal, front side: transparent, prismatic inside

311498.002.12	L 420, B 420, H 2	16 x LED 1,2 W blue
311512.002.12	L 420, B 420, H 2	16 x LED 1,2 W 5400 K

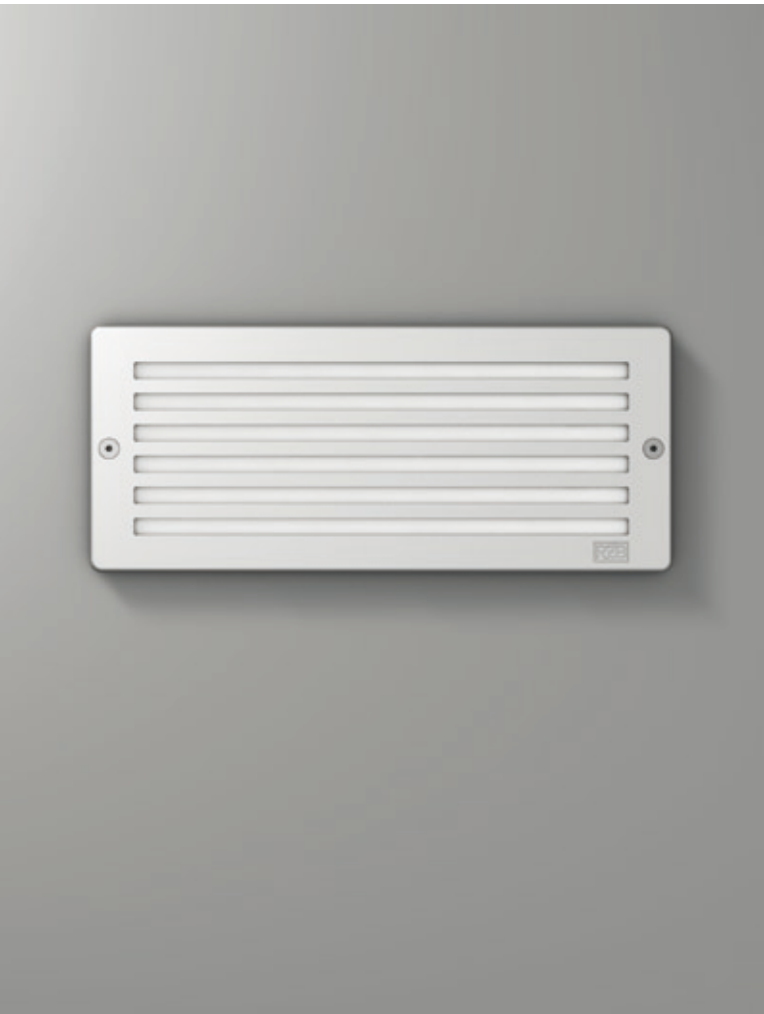
### Accessories

Moulded housing for installation in concrete

981638.002	L 439, B 439, H 140
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Further luminaires of this series, see:  
Outdoor lighting |  
Ceiling and wall luminaires



Non-directional light output

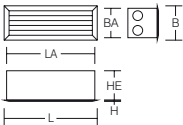


# ALU-DRUCKGUSS

Recessed wall and step luminaires

Type of protection: **IP 66**  
Protection class: I  
Housing: die-cast aluminium, powder-coated. Lamellar cover or frame: stainless steel, blasted. Cover: plastic, opal, shockproof.  
Available colours: 0 = stainless steel

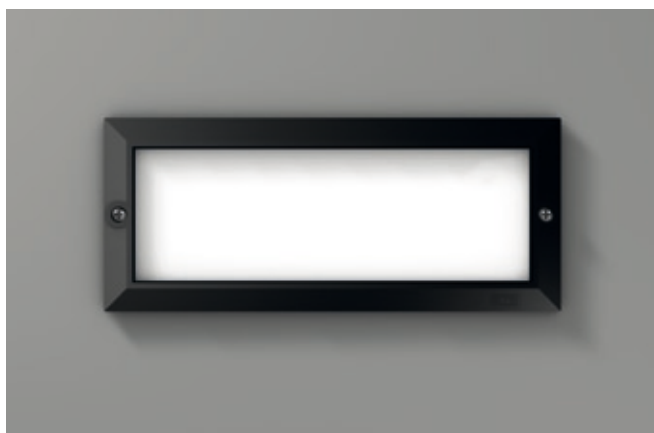
**LED**



Recessed wall and step luminaires with lamellar cover			
Recess opening LA 228 x BA 85 mm, TE 70 mm			
64247.000*	L 236, B 100, H 5	1 x LED	3,6 W 5400 K
64254.910.79	L 236, B 100, H 5	1 x TC-EL	9 W
Recessed wall and step luminaires			
Recess opening LA 228 x BA 85 mm, TE 70 mm			
64255.910.79	L 236, B 100, H 5	1 x TC-EL	9 W

\* Lamps and luminaire equipment included

Non-directional light output



## ALU-DRUCKGUSS

Recessed wall and step luminaires

Type of protection: **IP 66**

Protection class: I

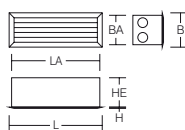
Housing and lamellar cover or frame:  
die-cast aluminium, powder-coated; plastic  
panel: opal or transparent, shockproof.

LED included.

Available colours (X): 2 = white, 3 = black

Please replace X of the item no. with the  
requested colour code.

**LED**



**Recessed wall and step luminaires with lamellar cover**

**Recess opening LA 228 x BA 85 mm, TE 70 mm**

**Cover: plastic, opal**

64238.00X*	L 236, B 100, H 5	1 x LED 3,6 W 5400 K
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**Cover: plastic, transparent**

64230.00X.Q	L 236, B 100, H 5	1 x E14 <sup>®</sup> 15 W
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64230.91X.79	L 236, B 100, H 5	1 x TC-EL 9 W
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**Recessed wall and step luminaires**

**Recess opening LA 228 x BA 85 mm, TE 70 mm**

**Cover: plastic, opal**

64232.91X.79	L 236, B 100, H 5	1 x TC-EL 9 W
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\* Lamps and luminaire equipment included





## RECESSED LED STEP LUMINAIRE

Recessed wall and step luminaires for installation in concrete steps

Type of protection: **IP 66**

Protection class: I with transformer, III without transformer

Housing: sheet steel, galvanised. Cover: polycarbonate, transparent. Lamellar cover: die-cast zinc, powder-coated.

The luminaire housing is used as the moulded housing. During installation, the LED module must be removed from the luminaire housing. Two cable inlets with sleeves for M32 armoured cable (outer sleeve Ø: 24.5 mm, inner Ø: 21 mm).

LED module with electronic transformer (connected load: 10 W). The max. connected load of the transformer may not be exceeded!

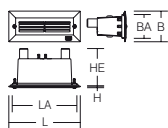
Prepared for through-wiring.

LED included.

Available colours (X): 31 = anthracite metallic, 4 = silver metallic

Please replace X of the item no. with the requested colour code.

**LED**



**Recessed wall and step luminaires, for installation in concrete walls and steps**

**Recess opening LA 190 x BA 70 mm, TE 110 mm with control gear**

641091.00X\* L 210, B 90, H 5 1 x LED 3 W 5000 K

\* Electronic transformer as standard

Versions for recessed installation in cavity walls available on request









BRICK®

Recessed wall luminaires

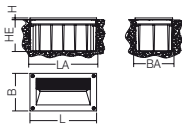
Type of protection: **IP 65**  
Protection class: I

Base: die-cast aluminium. Diffuser: glass, transparent, temperature resistant.  
Reflector: aluminium. Cover frame: plastic.

Available colours (X): 31 = anthracite metallic, 4 = silver metallic

Please replace X of the item no. with the requested colour code.

LED



Recessed wall luminaires

Recess opening LA 136 x BA 136 mm, TE 54 mm

581595.00X L 126, B 126, H 6 1 x LED 4 W 6300 K

Recess opening LA 245 x BA 133 mm, TE 93 mm

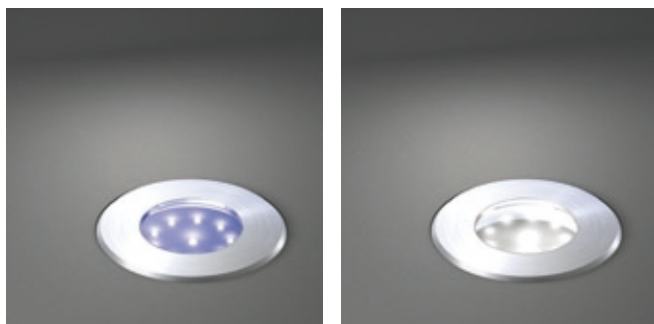
581581.96X L 235, B 133, H 6 1 x TC-D 18 W

581582.95X L 235, B 133, H 6 1 x TC-D 26 W

581594.00X L 235, B 133, H 6 2 x LED 4 W 6300 K

## A DREAM OF A LUMINAIRE

Our TERRA luminaire self confidently plays with ground structures or transforms trees into moulded sculptures and allows shadows and silhouettes to dance or illuminates outdoor pathways – in short, a highly efficient linear lighting element that lights the way safely and efficiently, since the TERRA is installed flush with the ground.



## TERRA STAINLESS STEEL 60

Recessed ground luminaires

Type of protection: **IP 67**

Protection class: III

Maximum static impact: 2000 kg

Housing: stainless steel, two-piece, bolted.

Safety glass: frosted outside. Cable screw

fitting: M16 stainless steel. Power supply

cable: 2-pole, rubber, L approx. 300 mm.

Static load: max. 2000 kg with appropriate

base. External 24 V control gear must be

ordered separately. Can be installed with

using the installation sleeve or on-site

HT tube (DN 50).

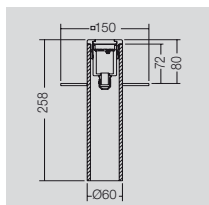
**LED**



**Ensure drainage beneath the installation housing!**

Available colours: 0 = stainless steel

from left to right: Luminaire with recessed mounting sleeve, secondary circuit: max. 10 m. Installation in paved surfaces via mounting sleeve. Picture of an installation. Full view



### Recessed ground luminaires

#### TE 100 mm

641136.000	D 60, H 1	1 x LED 1,2 W yellow Tg 40°C
641137.000	D 60, H 1	1 x LED 1,2 W white Tg 40°C
641138.000	D 60, H 1	1 x LED 1,2 W blue Tg 40°C
641139.000	D 60, H 1	1 x LED 1,2 W red Tg 40°C
641140.000	D 60, H 1	1 x LED 1,2 W green Tg 40°C

### Accessories

#### Control gear

09-6260.002 Control gear (1.2-20 W), ta = 45°C, IP 20

#### Installation sleeve

981548.000







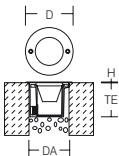
# TERRA STAINLESS STEEL 120

Recessed ground luminaires



Type of protection: **IP 67**  
Protection class: I  
Maximum static impact: 2000 kg  
Housing: die-cast aluminium, powder-coated with installation housing: plastic. Bezel ring: stainless steel. Safety glass: frosted inside.  
Reflector: aluminium (except LED-version).  
Static load: max. 2000 kg. Cable screw fitting: M16 with rubber power supply cable.

**LED**



**Ensure drainage beneath the installation housing!**

Available colours: 0 = stainless steel

## Recessed ground luminaires

### Recess opening DA 110 mm

#### TE 100 mm

581480.000	D 120, H 1	1 x TC-FSE 13 W	Tg 35°C
		+ 1 x LED 1,5 W	

#### TE 155 mm

581472.000*	D 120, H 1	1 x LED 4 W 6300 K	Tg 55°C
581472.150	D 120, H 1	1 x QT14 40 W	Tg 155°C

\* Lamps and gears included





## TERRA STAINLESS STEEL Q 125

Recessed ground luminaires



Type of protection: **IP 67**

Protection class: I

Maximum static impact: 2000 kg

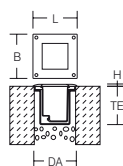
Housing: die-cast aluminium, powder-coated with installation housing: plastic. Cover frame: stainless steel. Safety glass: frosted inside.

Reflector: aluminium (except LED-version).

Static load: max. 2000 kg. Cable screw fitting: M16 with rubber power supply cable.

**Ensure drainage beneath the installation housing!**

Available colours: 0 = stainless steel



### Recessed ground luminaires

Recess opening DA 120 x 120 mm, TE 125 mm

swivel range  $\pm 15^\circ$

581486.090*	L 125, B 125, H 1	1 x QPAR16 35 W	Tg 155°C
581485.150	L 125, B 125, H 1	1 x QT14 40 W	Tg 155°C
581488.000	L 125, B 125, H 1	1 x TC-FSE 13 W	Tg 35°C

\* Alternative LED lamps from various manufacturers are available **for all reflector lamps**.



# TERRA STAINLESS STEEL 163

Recessed ground luminaires

Type of protection: **IP 67**

Protection class: I

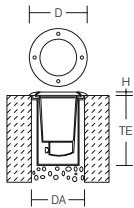
Maximum static impact: 2000 kg

Housing: die-cast aluminium, powder-coated with plastic installation housing. Cover frame: stainless steel. Cover: safety glass, satin finish. Static load: max. 2000 kg. Luminaire connection: 1 x M16 and 1 x blind plug.

**Ensure drainage beneath the installation housing!**

Available colours: 0 = stainless steel

**LED**



**Recessed ground luminaires**

**Recess opening DA 150 mm, TE 230 mm  
swivel range  $\pm 30^\circ$**

581523.090*	D 163, H 1	1 x QPAR16 40 W	Tg 170°C
581524.000**	D 163, H 1	3 x LED 3 W white/ $\beta$ 34°/35°	Tg 35°C

\* Alternative LED lamps from various manufacturers are available **for all reflector lamps**.  
\*\* Lamps and gears included



## TERRA ALU

Recessed ground luminaires

Type of protection: **IP 67**

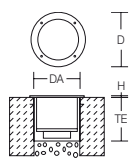
Protection class: I

Maximum static impact: 1000 kg

Housing: die-cast aluminium, powder-coated with installation housing. Cover frame: stainless steel. Safety glass: grooved, frosted inside. Luminaire connection: 1 x PG13.5 and 1 x blind plug.

**Ensure drainage beneath the installation housing!**

Available colours: 0 = stainless steel



### Recessed ground luminaires

#### Recess opening DA 196 mm, TE 120 mm

58139.004	D 210, H 3	1 x E14® 40 W	Tg 90°C
58139.924 .Q	D 210, H 3	1 x TC-D 10 W	Tg 50°C







# TERRA STAINLESS STEEL 220

Recessed ground luminaires

Type of protection: **IP 67**

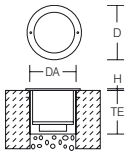
Protection class: I

Maximum static impact: 3500 kg

Housing: die-cast aluminium, powder-coated with installation housing. Cover frame: stainless steel. Safety glass: transparent or frosted inside. Static load: max. 3500 kg. Luminaire connection: 1 x PG13.5 and 1 x blind plug.

**Ensure drainage beneath the installation housing!**

Available colours: 0 = stainless steel



## Recessed ground luminaires

Recess opening DA 196 mm

Glass, transparent

**TE 300 mm**

581256.840	D 220, H 3	1 x TC-T 18 W/β 116°	Tg 60°C
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**TE 350 mm**

581259.730	D 220, H 3	1 x HIE, HSE 70 W/β 90°	Tg 130°C
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581257.830	D 220, H 3	1 x TC-T 26 W/β 116°	Tg 70°C
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Glass, frosted inside

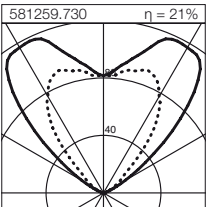
**TE 300 mm**

581262.840	D 220, H 3	1 x TC-T 18 W/β 114°	Tg 60°C
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**TE 350 mm**

581264.730	D 220, H 3	1 x HIE, HSE 70 W/β 100°	Tg 130°C
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581263.830	D 220, H 3	1 x TC-T 26 W/β 114°	Tg 70°C
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## TERRA STAINLESS STEEL 275

Recessed ground luminaires

Type of protection: **IP 67**

Protection class: I

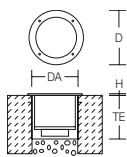
Maximum static impact: 2000 kg

Housing: die-cast aluminium, powder-coated with installation housing. Safety glass: frosted inside. Reflector: symmetric or asymmetric.

Cover ring: stainless steel. Static load: max. 2000 kg. Luminaire connection: 1 x PG13.5 and 1 x blind plug.

**Ensure drainage beneath the installation housing!**

Available colours: 0 = stainless steel



**Recessed ground luminaires**

**Reflector: symmetric**

**Recess opening DA 257 mm, TE 350 mm**

581254.770 .Q D 275, H 3 1 x HIT-CE 70 W/β 45°

Tg 110°C



**Recessed ground luminaires**

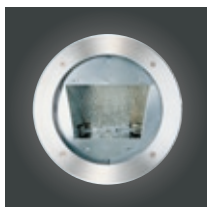
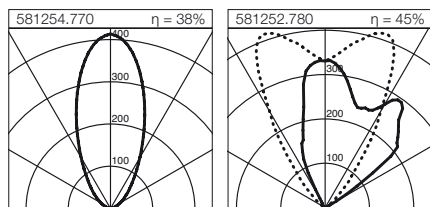
**Reflector: asymmetric**

**Recess opening DA 257 mm, TE 350 mm**

581252.780 .Q D 275, H 3 1 x HIT-DE 70 W/β 51°/14°/33°/33° Tg 110°C



TERRA STAINLESS  
STEEL 275 with  
asymmetric reflector.



.79 = With EB | .Q = Quick service (stock articles)

Specifications subject to alteration. Other options and accessories can be found in the current product selection guide or in the Internet under [www.rzb-lighting.com](http://www.rzb-lighting.com)

# Ceiling luminaires



240



241



242



243



244



245







BOX-SHAPED ART

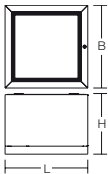
The term “art” normally refers to creative works produced by individuals with a particular vision that they wish to express – a vision that in some cases can be confusing. But our highly versatile LIGHT CASE luminaire is anything but confusing, thanks to the clear statement it makes – namely that when it comes to form and design, art encompasses all possible concepts, dimensions and architectural styles.



LIGHT CASE

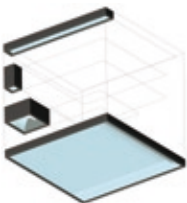
Ceiling luminaires

Type of protection: **IP 54**  
Protection class: I  
Housing: sheet steel, powder-coated.  
Removable frame: aluminium, powder-coated. Safety glass: transparent. Hinges: stainless steel. Two cable inlets for through-wiring, cable diameter 7-10 mm. In-built ballast.  
Ball impact protected in accordance with DIN 18032.  
Available colours: 3 = black

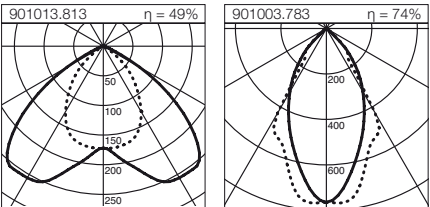


Ceiling luminaires			
L 230 x B 230 mm			
Height H 150 mm			
901013.813*	L 230, B 230, H 150	1 x TC-TEL	26/32 W
L 300 x B 300 mm			
Height H 150 mm			
901007.863.79	L 300, B 300, H 150	1 x TC-F	36 W
Height H 220 mm			
901008.733	L 300, B 300, H 220	1 x HIE	100 W
901009.733	L 300, B 300, H 220	1 x HIE	150 W
901003.783	L 300, B 300, H 220	1 x HIT-DE, HIT-DE-CE	150 W
901003.783.24	L 300, B 300, H 220	1 x HIT-DE, HIT-DE-CE	150 W
		+ 1 x QT32 (matt)	100 W

\* With EB as standard



Modular system with different optical systems





# LIGHT CASE

Ceiling luminaires

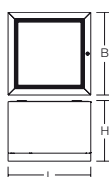
Type of protection: **IP 54**

Protection class: I

Housing: sheet steel, powder-coated.  
Removable frame: aluminium, powder-coated. Safety glass: transparent. Hinges: stainless steel. Two cable inlets for through-wiring, cable diameter 7-10 mm. In-built ballast.

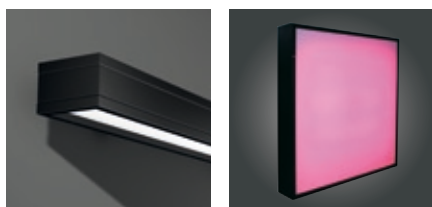
Ball impact protected in accordance with DIN 18032.

Available colours: 3 = black

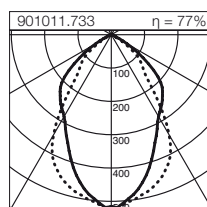


## Ceiling luminaires

901011.733	L 500, B 500, H 280	1 x HIE, HIT, HSE, HST 250 W
901012.733	L 500, B 500, H 280	1 x HIE, HIT, HSE, HST 400 W

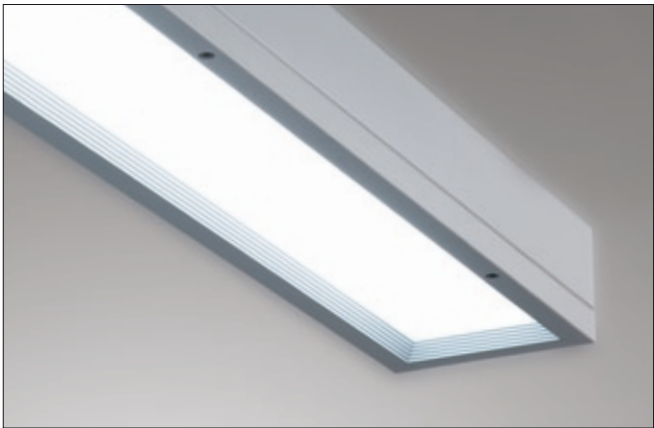


Further luminaires of this series, see:  
Outdoor lighting |  
Outdoor pole luminaires,  
Wall luminaires



.79 = With EB | .Q = Quick service (stock articles)

Specifications subject to alteration. Other options and accessories can be found in the current product selection guide or in the Internet under [www.rzb-lighting.com](http://www.rzb-lighting.com)



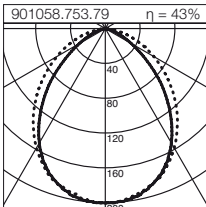
# LIGHT CASE

Ceiling luminaires

Type of protection: **IP 54**  
Protection class: I  
Housing: sheet steel, powder-coated.  
Removable frame: aluminium, powder-coated.  
Safety glass: frosted. Hinges: stainless steel.  
Two cable inlets for through-wiring, cable diameter 7-10 mm. In-built ballast. Ball impact protected in accordance with DIN 18032.  
Available colours: 3 = black



Ceiling luminaires				
901058.753.79	L 1280, B 185, H 110	1 x T26 (T8)	36 W	
901057.753.79	L 1580, B 185, H 110	1 x T26 (T8)	58 W	



Left: with aluminium mirror louvre

Right: with plastic mirror louvre



## LIGHT CASE WITH LOUVRE

Ceiling luminaires

Type of protection: **IP 54**

Protection class: I

Housing: sheet steel, powder-coated.

Removable frame: aluminium, powder-coated.

Safety glass: transparent. Darklight

mirror louvres: plastic or mirror louvres:

aluminium, silver, highly polished anodised

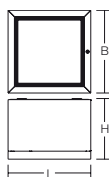
finish. Hinges: stainless steel. Two cable inlets

for through-wiring, cable diameter 7-10 mm.

In-built ballast. Ball impact protected in

accordance with DIN 18032.

Available colours: 3 = black



### Ceiling luminaires with plastic mirror louvre

901023.983.79	L 500, B 500, H 130	2 x TC-L 36 W
901014.983.79	L 500, B 500, H 130	3 x TC-L 36 W

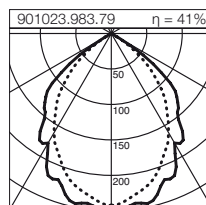


### Ceiling luminaires with aluminium mirror louvre

901054.983.79	L 500, B 500, H 130	3 x TC-L 36 W
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Further luminaires of  
this series, see:  
Outdoor lighting |  
Outdoor pole luminaires,  
Wall luminaires



.79 = With EB | .Q = Quick service (stock articles)

Specifications subject to alteration. Other options and accessories can be found in the current product selection guide or in the Internet under [www.rzb-lighting.com](http://www.rzb-lighting.com)





# ANDHO® TC FLAT

Surface mounted downlights

Type of protection: **IP 44, IP 65**

Protection class: I

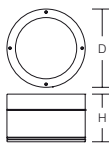
Housing: extruded aluminium, powder-coated; cover ring and ceiling base: die-cast aluminium, powder-coated, with bayonet fixing; cover ring with transparent safety glass; reflector: aluminium, highly polished anodised finish.

EB incorporated; 5-pole double terminal for through-wiring.

Available colours (X):

2 = white, 4 = silver metallic

Please replace X of the item no. with the requested colour code.



## Complete luminaires

### Protection type IP 44

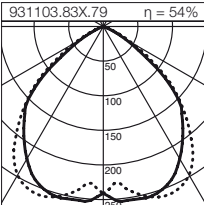
931103.84X.79	D 230, H 146	2 x TC-TEL	18 W
931103.83X.79 .Q	D 230, H 146	2 x TC-TEL	26 W

### Protection type IP 65

931104.84X.79	D 230, H 148	2 x TC-TEL	18 W
931104.83X.79 .Q	D 230, H 148	2 x TC-TEL	26 W



Further luminaires  
of this series, see:  
Indoor lighting |  
Surface mounted  
downlights





## ANDHO® TC

Surface mounted downlights

Type of protection: **IP 44, IP 65**

Protection class: I

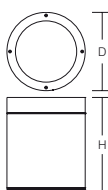
Housing: extruded aluminium, powder-coated; cover ring and ceiling base: die-cast aluminium, powder-coated, with bayonet fixing; cover ring with transparent safety glass; reflector: aluminium, highly polished anodised finish.

EB incorporated; 5-pole double terminal for through-wiring.

Available colours (X):

2 = white, 4 = silver metallic

Please replace X of the item no. with the requested colour code.



### Complete luminaires

#### Protection type IP 44

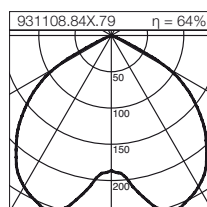
931108.84X.79	D 230, H 291	2 x TC-TEL 18 W
931108.83X.79 .Q	D 230, H 291	2 x TC-TEL 26/32 W

#### Protection type IP 65

931110.84X.79	D 230, H 292	2 x TC-TEL 18 W
931110.83X.79 .Q	D 230, H 292	2 x TC-TEL 26/32 W



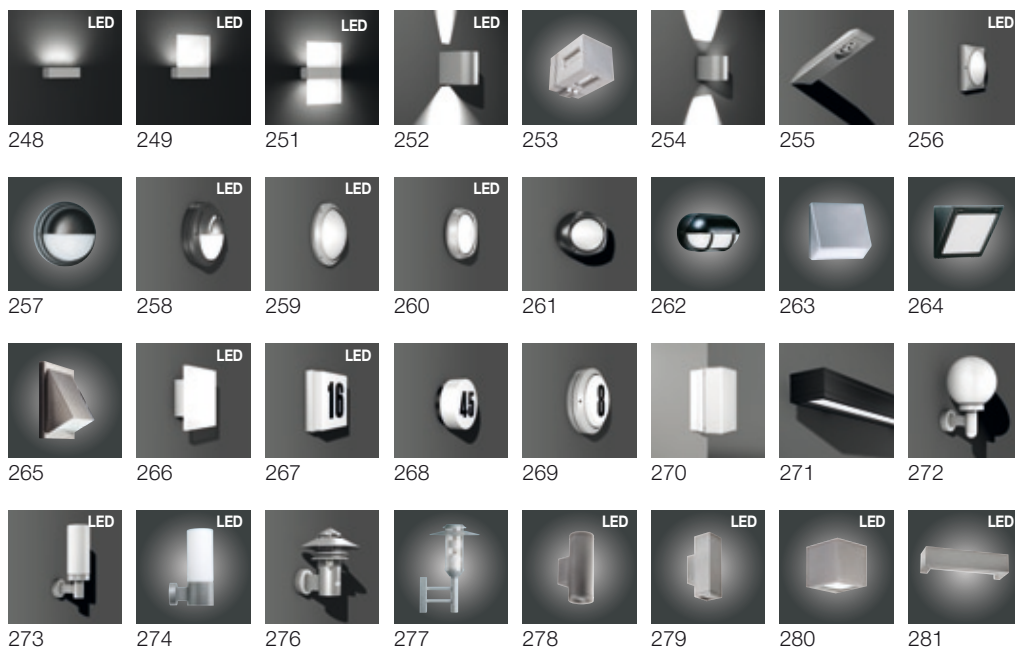
Further luminaires  
of this series, see:  
Indoor lighting |  
Surface mounted  
downlights



.79 = With EB | .Q = Quick service (stock articles)

Specifications subject to alteration. Other options and accessories can be found in the current product selection guide or in the Internet under [www.rzb-lighting.com](http://www.rzb-lighting.com)

# Wall luminaires











Concealed light exit for the performance of house numbers or info signs.



## PLANIA® LIGHT PROFILE

Wall luminaires

Type of protection: **IP 65**

Protection class: I

Base: aluminium extrusion profile. End caps: plastic. Light emission: on one or both sides.

LED included.

Available LED colours:  
white (6500 K), warm white (3050 K)

Other colours available on request:  
blue, green, cyan, royal blue, red, amber

Available colours (X):  
2 = white, 4 = silver metallic

Please replace X of the item no. with the requested colour code.

Series Plania is also available as Mono and Twin option.

Wall extension: stainless steel/aluminium. For light profiles with L 750 mm and L 970 mm two wall extensions are needed. For light profiles with L 250 mm and L 350 mm only one wall extension is needed.

Available colour: 31 = anthracite metallic

**LED**



### Plania® light profile

#### L 250 mm

##### Light emission on one side

631198.00X	L 250, B 92, H 70	3 x LED 1,1 W 6500 K
631254.00X	L 250, B 92, H 70	3 x LED 1,1 W 3050 K

##### Light emission on two sides

631221.00X	L 250, B 92, H 70	6 x LED 1,1 W 6500 K
631256.00X	L 250, B 92, H 70	6 x LED 1,1 W 3050 K

#### L 350 mm

##### Light emission on one side

631200.00X	L 350, B 92, H 70	4 x LED 1,1 W 6500 K
631258.00X	L 350, B 92, H 70	4 x LED 1,1 W 3050 K

##### Light emission on two sides

631223.00X	L 350, B 92, H 70	8 x LED 1,1 W 6500 K
631260.00X	L 350, B 92, H 70	8 x LED 1,1 W 3050 K

#### L 750 mm

##### Light emission on one side

631217.00X	L 750, B 92, H 70	12 x LED 1,1 W 6500 K
631262.00X	L 750, B 92, H 70	12 x LED 1,1 W 3050 K

#### L 970 mm

##### Light emission on one side

631264.00X	L 970, B 90, H 69	16 x LED 1 W 3050 K
631219.00X	L 970, B 90, H 70	16 x LED 1 W 6500 K

### Accessories

#### Wall extension

##### can be tilted and adjusted in length

981737.0031	Swivel range: 20°/45°	Extension: 170-250 mm
-------------	-----------------------	-----------------------

##### can be tilted

981736.0031	Swivel range: 20°/45°
-------------	-----------------------



PLANIA Mono with lettering is suited for use as house number luminaire.



## PLANIA® MONO

Wall luminaires

Type of protection: **IP 65**

Protection class: I

Base: aluminium extrusion profile. End caps: plastic. Light projection surface: plastic (PMMA), satin finish, one-sided.

Light emission: on both sides.

LED included.

Available LED colours:

white (6500 K), warm white (3050 K)

Other colours available on request:

blue, green, cyan, royal blue, red, amber

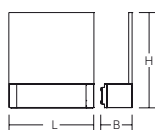
**.1 = Plania® Display (incl. inscription on the display panel) Please indicate inscription when ordering.**

Available colours (X):

2 = white, 4 = silver metallic

Please replace X of the item no. with the requested colour code.

**LED**



### Plania® Mono

#### Light emission on two sides

##### L 250 mm

631160.00X	L 250, B 92, H 280	4 x LED	1,1 W 6500 K
631160.00X.1	L 250, B 92, H 280	4 x LED	1,1 W 6500 K
631266.00X	L 250, B 92, H 280	4 x LED	1,1 W 3050 K
631266.00X.1	L 250, B 92, H 280	4 x LED	1,1 W 3050 K

##### L 350 mm

631161.00X	L 350, B 92, H 380	8 x LED	1,1 W 6500 K
631161.00X.1	L 350, B 92, H 380	8 x LED	1,1 W 6500 K
631268.00X	L 350, B 92, H 380	8 x LED	1,1 W 3050 K
631268.00X.1	L 350, B 92, H 380	8 x LED	1,1 W 3050 K



#### Light emission on one side

##### L 750 mm

631168.00X	L 750, B 92, H 280	18 x LED	1,1 W 6500 K
631270.00X	L 750, B 93, H 281	18 x LED	1,1 W 3050 K

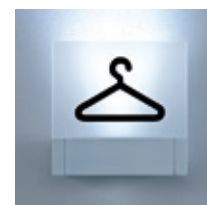
##### L 970 mm

631169.00X	L 970, B 92, H 280	24 x LED	1,1 W 6500 K
631272.00X	L 970, B 92, H 280	24 x LED	1,1 W 3050 K

Other lengths and dimensions are available upon request.



Series Plania is also available as light profile and Twin option.



.79 = With EB | .Q = Quick service (stock articles)

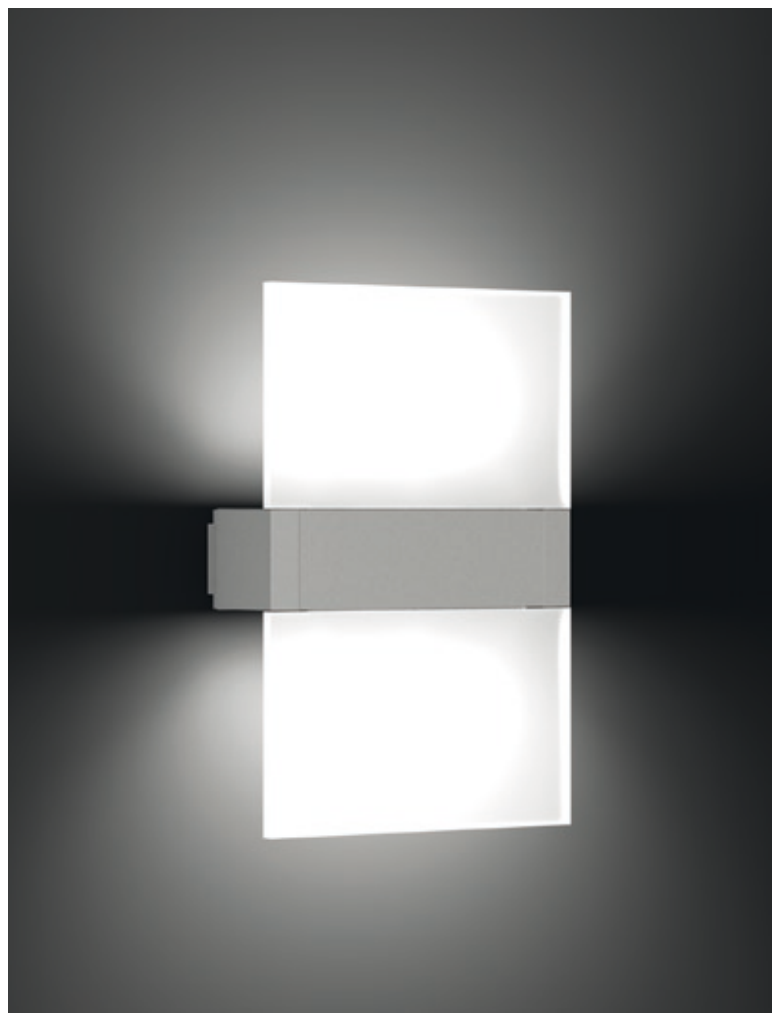
Specifications subject to alteration. Other options and accessories can be found in the current product selection guide or in the Internet under [www.rzb-lighting.com](http://www.rzb-lighting.com)





## A CHAMELEON ENDOWED WITH COMMUNICATION SKILLS

Our PLANIA luminaires are incredibly beautiful, while also providing a communication platform. These luminaires create an exquisite interplay between direct and indirect light and in so doing provide both light and information; plus they are the perfect fit for just about any application. PLANIA luminaires can be used for background or decorative lighting, or can be integrated into an existing building or decor as an additional design element. Designed by Hartmut S. Engel, the PLANIA establishes a connection between the effect and added value of illumination that is in a class all its own.



## PLANIA® TWIN

Wall luminaires

Type of protection: **IP 65**

Protection class: I

Base: aluminium extrusion profile. End caps: plastic, grey. Light projection surface: plastic (PMMA), satin finish. Light emission: on both sides.

LED included.

Available LED colours:  
daylight white (6500 K), warm white (3050 K)

Other colours available on request:  
blue, green, cyan, royal blue, red, amber

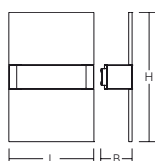
**.1 = Plania® Display (incl. inscription on the display panel) Please indicate inscription when ordering.**

Available colours (X):

2 = white, 4 = silver metallic

Please replace X of the item no. with the requested colour code.

**LED**



### Plania® Twin

Light emission on two sides

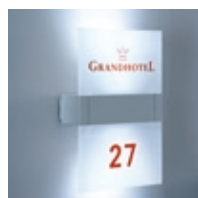
#### L 250 mm

631162.00X	L 250, B 92, H 380	6 x LED 1,1 W 6500 K
631274.00X	L 250, B 92, H 380	6 x LED 1,1 W 3050 K

#### L 350 mm

631163.00X	L 350, B 92, H 490	12 x LED 1,1 W 6500 K
631276.00X	L 350, B 92, H 490	12 x LED 1,1 W 3050 K

Other lengths and dimensions are available upon request.



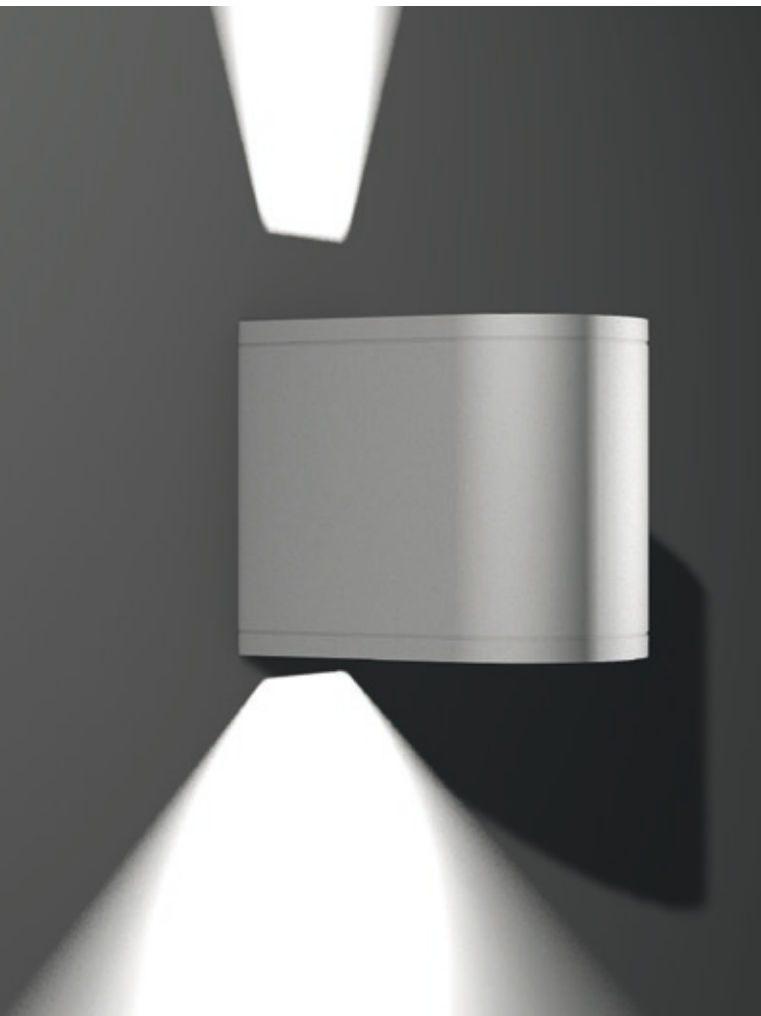
For lettering add .1 to the article number and specify the desired inscription

Series Plania is also available as light profile and Mono version.

.79 = With EB | .Q = Quick service (stock articles)

Specifications subject to alteration. Other options and accessories can be found in the current product selection guide or in the Internet under [www.rzb-lighting.com](http://www.rzb-lighting.com)





## NADELSPOT

Contour luminaires

Type of protection: **IP 44**

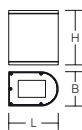
Protection class: I

Base: sheet steel, galvanised. Housing: aluminium, powder-coated. End caps: stainless steel. Safety glass: transparent.

LED included.

Available colours: 4 = silver metallic

**LED**



### LED Nadelspot

#### Up Spot 20°/Down Spot 20°

631181.004.1\* L 147, B 102, H 220 2 x LED 5 W day light

631186.004.1\* L 147, B 102, H 220 2 x LED 5 W blue

#### Up + Down 25°, with identical colour sequence

631153.004.2.73 L 147, B 102, H 220 2 x LED 3 W RGB

### Nadelspot

#### Up + Down

631122.094.1\*\* L 147, B 102, H 160 2 x QPAR16 35 W

#### Up Flood 60°/Down Flood 60°

631140.764.1 L 147, B 102, H 160 1 x QT-DE12 60 W

#### Up Flood 50°/Down Flood 50°

631189.774.1\*\*\* L 147, B 102, H 220 1 x HIT-TC-CE 35 W

#### Up Spot 8°/Down Flood 50°

631151.774.1\*\*\*/\* L 147, B 102, H 220 1 x HIT-TC-CE 35 W

#### Up Spot 8°/Down Spot 8°

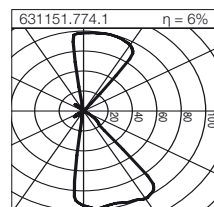
631159.774.1\*\*\* L 147, B 102, H 220 1 x HIT-TC-CE 35 W

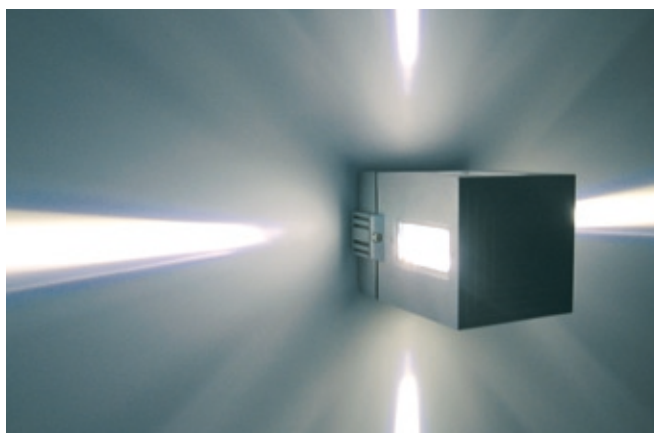
\* Lamp swivel range: 10°

\*\* Operation with aluminium reflector lamp, do not use cool beam lamps

\*\*\* With EB as standard

\*\*\*\* Can also be used as an Up Flood 50°/Down Spot 8° by rotating the housing 180°





## ALU-CUBE

Contour luminaires

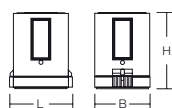
Type of protection: **IP 65**

Protection class: I

Base: die-cast aluminium, powder-coated.

Glass lenses: transparent.

Available colours: 4 = silver metallic



### Ground and wall luminaires

#### Light emission on one side Flood 40°

581372.774 L 170, B 150, H 230 1 x HIT-CE 35 W

#### Light emission on two sides Flood 40°

581375.774 L 170, B 150, H 230 1 x HIT-CE 35 W

#### Light emission on four sides Flood 40°

581378.774 L 170, B 150, H 230 1 x HIT-CE 35 W

#### Light emission on one side Spot 4°

581382.774 L 170, B 150, H 230 1 x HIT-CE 35 W

#### Light emission on two sides 1 x Spot 4° / 1 x Flood 40°

581380.774 L 170, B 150, H 230 1 x HIT-CE 35 W

#### Light emission on two sides Spot 4°

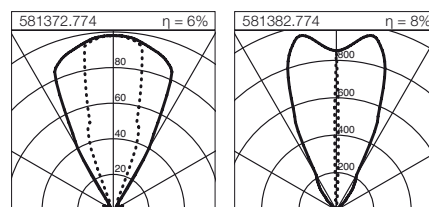
581384.774 L 170, B 150, H 230 1 x HIT-CE 35 W

#### Light emission on four sides Spot 4°

581386.774 L 170, B 150, H 230 1 x HIT-CE 35 W

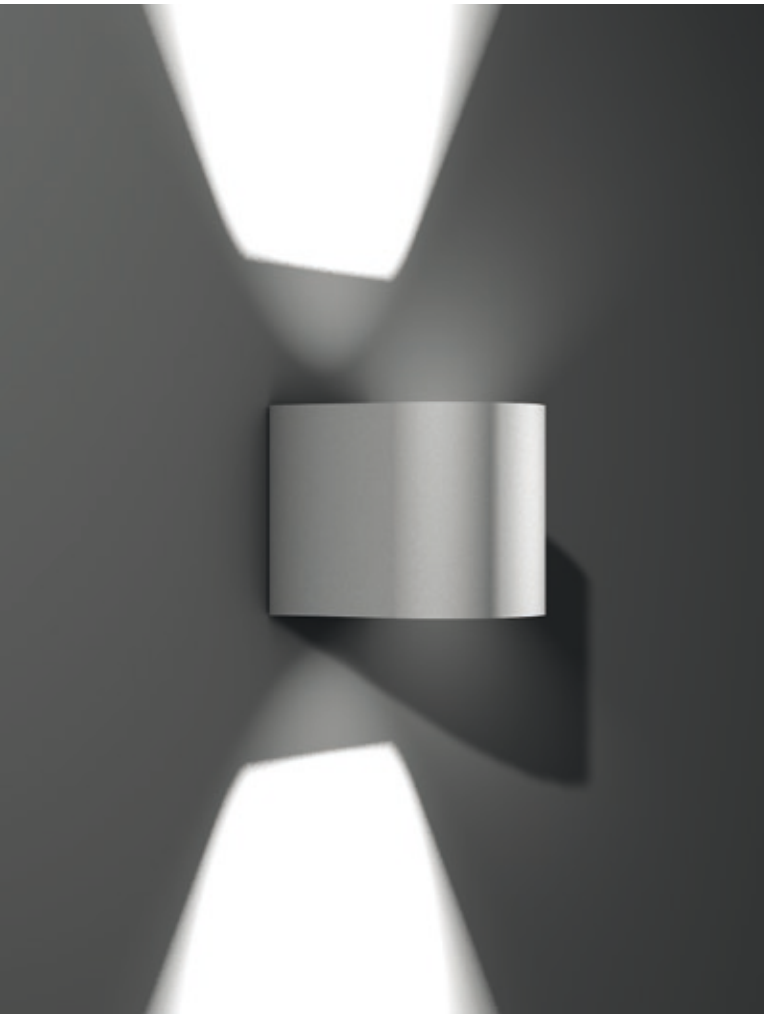


Option with opal glass covers



.79 = With EB | .Q = Quick service (stock articles)

Specifications subject to alteration. Other options and accessories can be found in the current product selection guide or in the Internet under [www.rzb-lighting.com](http://www.rzb-lighting.com)



# NADELSPOT MINI

Wall luminaires

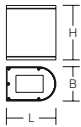
Type of protection: **IP 65**  
Protection class: I



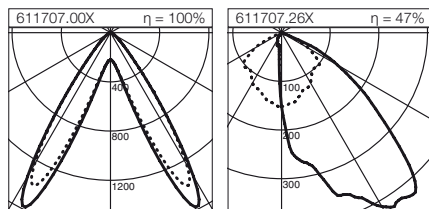
Base: die-cast aluminium. Diffuser: glass, transparent, temperature resistant.

Available colours (X): 31 = anthracite metallic, 4 = silver metallic

Please replace X of the item no. with the requested colour code.



Wall luminaires			
<b>Light emission on one side, Flood</b>			
581596.00X	L 126, B 96, H 96	1 x LED	4 W 6300 K
<b>Light emission on two sides, Flood/Flood</b>			
581598.00X	L 126, B 96, H 96	2 x LED	4 W 6300 K
<b>Light emission on two sides, Spot/Flood</b>			
581597.00X	L 126, B 96, H 96	2 x LED	4 W 6300 K



## SLOPIA®

Wall luminaires

Type of protection: **IP 65**

Protection class: I = HIT, II = LED

Housing: aluminium, powder-coated.

Wall bracket: stainless steel. Safety glass: transparent. LED module elements each comprising 4 LED modules, rotation range: 360°. Luminaire tilted 10° or 30°.

Standard Gore™ Protective Vents diaphragm valve for reduction of condensation.

LED included.

Available LED colours:

daylight white (5400 K) β 20°

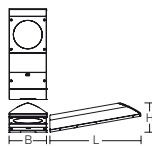
Other colours available on request:

red β 16°, yellow β 16°, green β 16°, blue β 16°

Available colours (X): 31 = anthracite metallic, 4 = silver metallic

Please replace X of the item no. with the requested colour code.

**LED**



### Wall luminaires

#### Swivel range: 10°, horizontal

611707.00X	L 535, B 220, H 172	4 x LED 3,6 W 5400 K
611707.26X	L 535, B 220, H 172	1 x HIT-TC-CE 20 W

#### Swivel range: 30°, horizontal

611708.00X	L 470, B 220, H 300	4 x LED 3,6 W 5400 K
611708.26X	L 470, B 220, H 300	1 x HIT-TC-CE 20 W

Further luminaires of this series, see:

Outdoor lighting | Spotlights, Bollards, Outdoor pole luminaires





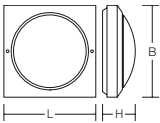


# QUATTRO EXTRA FLAT

Wall luminaires

Type of protection: **IP 54**  
Protection class: I  
Base: die-cast aluminium, powder-coated.  
Diffuser: glass, opal, satin finish, or plastic (polycarbonate), opal.  
LED included.  
Available colours (X): 2 = white,  
31 = anthracite metallic, 4 = silver metallic  
Please replace X of the item no. with the requested colour code.

**LED**



Wall luminaires			
Glass			
581540.00X	L 270, B 270, H 100	3 x LED 4 W 6300 K	
581334.96X.79	L 270, B 270, H 100	1 x TC-DEL 18 W	
581335.95X.79	L 270, B 270, H 100	1 x TC-DEL 26 W	
Plastic (polycarbonate)			
581541.00X	L 270, B 270, H 100	3 x LED 4 W 6300 K	
581337.96X.79	L 270, B 270, H 100	1 x TC-DEL 18 W	
581338.95X.79	L 270, B 270, H 100	1 x TC-DEL 26 W	



QUATTRO EXTRA FLAT,  
anti-glare version



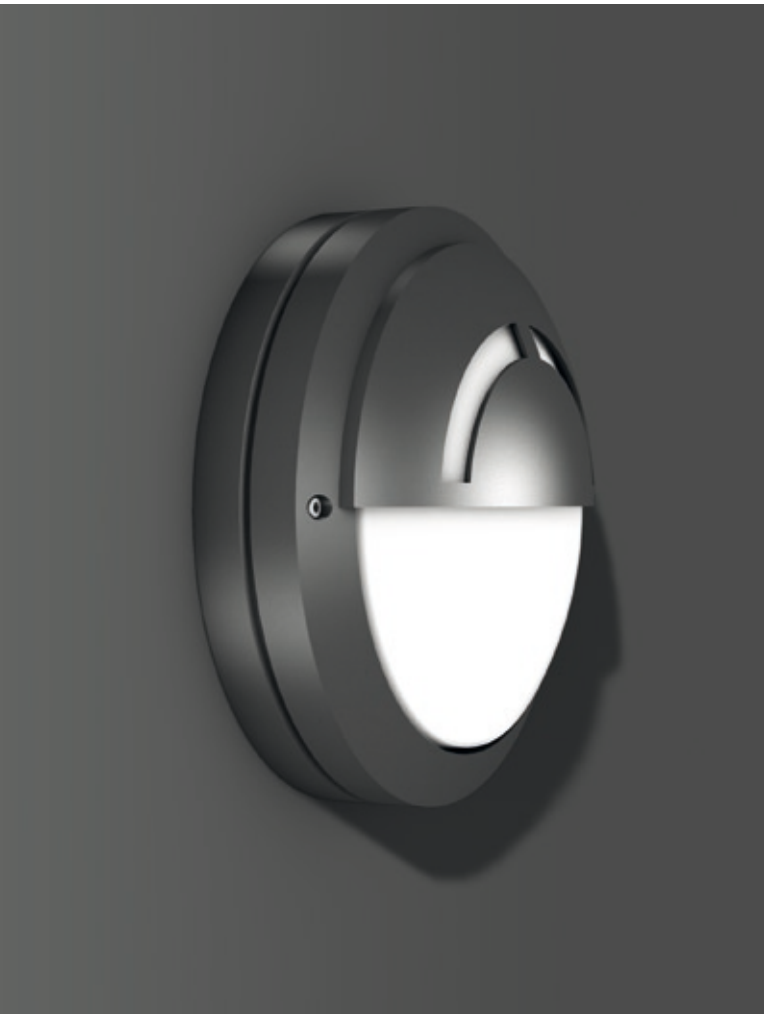
# ALU-RUND

Wall luminaires

Type of protection: **IP 54**  
Protection class: I  
Base: die-cast aluminium, powder-coated.  
Glass: frosted inside.  
Available colours (X): 2 = white, 3 = black  
Please replace X of the item no. with the requested colour code.



Wall luminaires, anti-glare		
<b>D 195 mm</b>		
58121.00X .Q	D 195, H 100	1 x E27® 60 W
<b>D 255 mm</b>		
58123.00X	D 255, H 140	1 x E27® 100 W
58123.96X	D 255, H 140	1 x TC-D 18 W



# ROUNDED® EXTRA FLAT

Wall luminaires

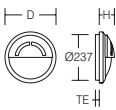


Type of protection: **IP 54**  
Protection class: I

Base: die-cast aluminium, powder-coated.  
Diffuser: glass, opal, mouth-blown, satin finish, or plastic (polycarbonate), opal.  
LED included.

Available colours (X): 2 = white,  
31 = anthracite metallic, 4 = silver metallic

Please replace X of the item no. with the requested colour code.



## Semirecessed luminaires, antiglare

Recess depth TE 22 mm

### Glass

581536.00X	D 270, H 80	3 x LED 4 W 6300 K
581057.96X.79	D 270, H 80	1 x TC-DEL 18 W
581058.95X.79	D 270, H 80	1 x TC-DEL 26 W

### Plastic (polycarbonate)

581537.00X	D 270, H 80	3 x LED 4 W 6300 K
581053.96X.79	D 270, H 80	1 x TC-DEL 18 W
581054.95X.79	D 270, H 80	1 x TC-DEL 26 W

## Wall luminaires, anti-glare

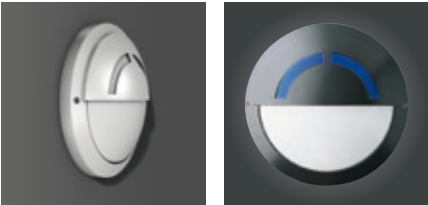
### Glass

581538.00X	D 270, H 110	3 x LED 4 W 6300 K
581065.96X.79	D 270, H 110	1 x TC-DEL 18 W
581066.95X.79	D 270, H 110	1 x TC-DEL 26 W

### Plastic (polycarbonate)

581539.00X	D 270, H 110	3 x LED 4 W 6300 K
581061.96X.79	D 270, H 110	1 x TC-DEL 18 W
581062.95X.79	D 270, H 110	1 x TC-DEL 26 W

Left side: ROUNDED® EXTRA FLAT semi-recessed option,  
Right side: ROUNDED® with coloured deco element





## ROUNDED® MAXI

Wall luminaires

Type of protection:

**IP 54** glass, **IP 55** plastic

Protection class: I

Base: die-cast aluminium, powder-coated.

Diffuser: glass, opal, mouth-blown, satin finish, or plastic (polycarbonate), opal.

LED included.

Available colours (X): 2 = white,

31 = anthracite metallic, 4 = silver metallic

Please replace X of the item no. with the requested colour code.

**LED**



### Wall luminaires

#### Glass

581585.00X	D 400, H 130	7 x LED 4 W 6300 K
581365.95X.79	D 400, H 130	2 x TC-DEL 26 W

#### Plastic (polycarbonate)

581586.00X	D 400, H 130	7 x LED 4 W 6300 K
581388.95X.79 .Q	D 400, H 130	2 x TC-DEL 26 W

### Wall luminaires with protective guard

#### Glass

581587.00X	D 400, H 140	7 x LED 4 W 6300 K
581368.95X.79	D 400, H 140	2 x TC-DEL 26 W

#### Plastic (polycarbonate)

581588.00X	D 400, H 140	7 x LED 4 W 6300 K
581391.95X.79	D 400, H 140	2 x TC-DEL 26 W



ROUNDED® MAXI with protective cage

.79 = With EB | .Q = Quick service (stock articles)

Specifications subject to alteration. Other options and accessories can be found in the current product selection guide or in the Internet under [www.rzb-lighting.com](http://www.rzb-lighting.com)





# QUAD

Wall luminaires

Type of protection:  
**IP 54** glass, **IP 55** plastic  
Protection class: I

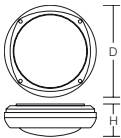
Base: die-cast aluminium, powder-coated.  
Diffuser: glass, opal, mouth-blown,  
satin finish, or plastic (polycarbonate), opal.

LED included.

Available colours (X): 2 = white,  
31 = anthracite metallic, 4 = silver metallic

Please replace X of the item no. with the  
requested colour code.

LED



Wall luminaires			
Glass			
Diameter D 270 mm			
581564.00X	D 270, H 95	3 x LED	4 W 6300 K
581301.96X.79	D 270, H 95	1 x TC-DEL	18 W
581275.95X.79	D 270, H 95	1 x TC-DEL	26 W
Diameter D 400 mm			
581583.00X	D 400, H 130	7 x LED	4 W 6300 K
581274.95X.79	D 400, H 130	2 x TC-DEL	26 W
Plastic (polycarbonate)			
Diameter D 270 mm			
581565.00X	D 270, H 95	3 x LED	4 W 6300 K
581307.96X.79	D 270, H 95	1 x TC-DEL	18 W
581310.95X.79	D 270, H 95	1 x TC-DEL	26 W
Diameter D 400 mm			
581584.00X	D 400, H 130	7 x LED	4 W 6300 K
581296.95X.79	D 400, H 130	2 x TC-DEL	26 W



# QUAD OVAL

Wall luminaires

Type of protection: **IP 54**  
Protection class: I

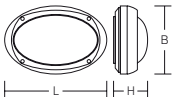
Base: die-cast aluminium, powder-coated. Glass: frosted inside, or diffuser: plastic (polycarbonate), opal.

LED included.

Available colours (X): 2 = white,  
31 = anthracite metallic, 4 = silver metallic

Please replace X of the item no. with the requested colour code.

**LED**



## Wall luminaires

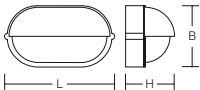
Glass			
581589.00X	L 300, B 200, H 95	3 x LED 4 W 6300 K	
581271.95X	L 300, B 200, H 95	1 x TC-D 26 W	
581281.96X.79	L 300, B 200, H 95	1 x TC-DEL 18 W	
Plastic (polycarbonate)			
581590.00X	L 300, B 200, H 95	3 x LED 4 W 6300 K	
581290.95X	L 300, B 200, H 95	1 x TC-D 26 W	
581287.96X.79	L 300, B 200, H 95	1 x TC-DEL 18 W	



# ALU-LUX OVAL

Wall luminaires

Type of protection: **IP 54**  
Protection class: I  
Base: die-cast aluminium, powder-coated.  
Glass: frosted inside.  
Available colours (X): 2 = white, 3 = black  
Please replace X of the item no. with the requested colour code.



Wall luminaires, anti-glare		
58138.96X	L 270, B 160, H 130	1 x TC-D 18 W
50031.96X.179	L 270, B 160, H 130	1 x TC-DEL 18 W



ALU-LUX OVAL option  
without protective cage



## WALL HEAD

Wall luminaires

Type of protection: **IP 44**

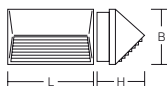
Protection class: I = TC-Lp, II = E27

Base: plastic, black. Opal glass: mouth-blown, partially painted. Glass fastening: spring system.

Available colours (X):

3 = black, 4 = silver metallic

Please replace X of the item no. with the requested colour code.



### Wall luminaires

#### L 225 x B 125 x H 100 mm

201010.00X	L 225, B 125, H 100	1 x E27® 40 W
201011.96X.79	L 225, B 125, H 100	1 x TC-DEL 18 W

#### L 235 x B 235 x H 140 mm

201012.00X	L 235, B 235, H 140	1 x E27® 100 W
201013.96X.79	L 235, B 235, H 140	1 x TC-DEL 18 W

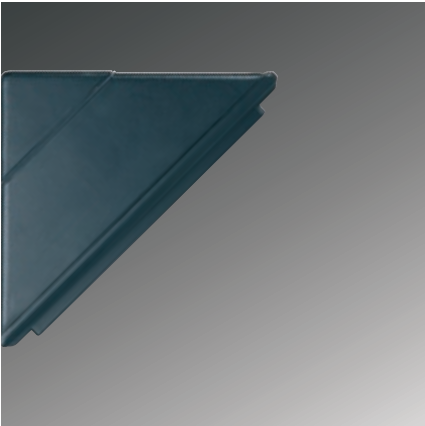


WALL HEAD low option





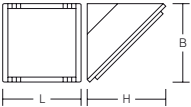
CENTRAL PARK, lateral view



# CENTRAL PARK

Wall luminaires

Type of protection: **IP 54**  
Protection class: I  
Base: die-cast aluminium, powder-coated.  
Opal glass: satin finish.  
Available colours (X): 2 = white, 3 = black,  
4 = silver metallic  
Please replace X of the item no. with the  
requested colour code.



Wall luminaires			
58311.00X	L 230, B 230, H 230	1 x E27®	100 W
58311.71X	L 230, B 230, H 230	1 x HME	50 W
58311.86X.79	L 230, B 230, H 230	1 x TC-F	36 W

Wall luminaires with guard			
58310.00X	L 230, B 230, H 230	1 x E27®	100 W
58310.71X	L 230, B 230, H 230	1 x HME	50 W
58310.86X.79	L 230, B 230, H 230	1 x TC-F	36 W



Further luminaires of this  
series, see:  
Outdoor lighting |  
Bollards



Central Park wall lumi-  
naires with guard

TRIGON EDELSTAHL low option



## TRIGON STAINLESS STEEL

Wall luminaires

Type of protection: **IP 44**

Protection class: I = TC-Lp, II = E27

Base: plastic, black. Opal glass: mouth-blown, textured. Decorative element: stainless steel, matt finish. Glass fastening: spring system.



**Inscriptions for Trigon stainless steel series:**  
**Please do not forget to specify when ordering!**

The required numbers and letters will be punched out of a blue self-adhesive foil and attached to a stainless steel or white inscription plate, depending on the ordered article. We recommend white inscription plates for greater viewing distances.

Available colours: 0 = stainless steel

TRIGON STAINLESS STEEL  
with individual inscription



### Wall luminaires

#### Glass 225 x 125 mm

312050.000 .Q	L 320, B 230, H 120	1 x E27® 60 W
312073.960.79	L 320, B 230, H 120	1 x TC-DEL 18 W

#### Glass 235 x 235 mm

312052.000	L 325, B 355, H 160	1 x E27® 100 W
312053.830	L 325, B 355, H 160	1 x TC-T 26 W
312054.810	L 325, B 355, H 160	1 x TC-TEL 32 W

#### Glass 225 x 125 mm, stainless steel inscription plate: 250 x 100 mm

312055.000	L 320, B 320, H 120	1 x E27® 60 W
312074.960.79	L 320, B 320, H 120	1 x TC-DEL 18 W

#### Glass 225 x 125 mm, white inscription plate: 250 x 100 mm

312079.000	L 320, B 320, H 120	1 x E27® 60 W
312080.960.79	L 320, B 320, H 120	1 x TC-DEL 18 W

#### Glass 235 x 235 mm, stainless steel inscription plate: 265 x 100 mm

312057.000	L 325, B 450, H 160	1 x E27® 100 W
312058.830	L 325, B 450, H 160	1 x TC-T 26 W
312059.810	L 325, B 450, H 160	1 x TC-TEL 32 W

#### Glass 235 x 235 mm, white inscription plate: 265 x 100 mm

312081.000	L 325, B 450, H 160	1 x E27® 100 W
312082.830	L 325, B 450, H 160	1 x TC-T 26 W
312083.810	L 325, B 450, H 160	1 x TC-TEL 32 W



Quadrana Öko incl. individual inscription



## QUADRANA® ÖKO

House number luminaires

Type of protection: **IP 65**

Protection class: I

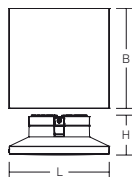
**LED**

Base: die-cast aluminium, powder-coated.

Diffuser: plastic opal (PMMA), two-piece.

Front frame: stainless steel, brushed or white.

Diffuser fastening: toggles. Wide beam LEDs included.



Standard Gore™ Protective Vents diaphragm valve for reduction of condensation

**.25 = incl. daylight sensor**

**.1 = incl. inscription on display panel.**

Please indicate inscription when ordering!

Available colours (X):

2 = white, 4 = silver metallic

Please replace X of the item no. with the requested colour code.



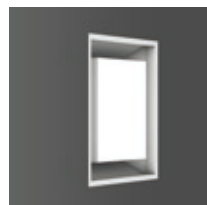
### Ceiling and wall luminaires

Diffuser: plastic, opal. Front: opal

311524.00X.1.25/**	L 300, B 300, H 115	1 x LED 4 W 6300 K
311524.00X.25**	L 300, B 300, H 115	1 x LED 4 W 6300 K
311524.00X.1.25/**	L 300, B 300, H 115	1 x LED 4 W 6300 K
311524.00X.25**	L 300, B 300, H 115	1 x LED 4 W 6300 K

\* .1 = incl. inscription on display panel. Please indicate inscription when ordering!

\*\* .25 = incl. daylight sensor



Further luminaires of this series, see:

Outdoor lighting |  
Recessed luminaires,  
Ceiling- and wall lumi-  
naires



## THE ULTIMATE ULTRA-FLAT HOUSE NUMBER LUMINAIRE

House number luminaires



Type of protection: **IP 44**

Protection class: I

Base: plastic. Diffuser: plastic, opal, satin finish. Diffuser fastening: spring system.

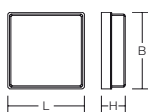
LED included.

**Please place a separate order for your lettering!**

Available colours (X): 2 = white, 3 = black, 4 = silver metallic

Please replace X of the item no. with the requested colour code.

**LED**



### Wall luminaires

#### with daylight sensor

221040.00X.25\* L 226, B 226, H 70 1 x LED 3,6 W 5000 K

221040.91X.25\* L 226, B 226, H 70 1 x TC 9 W

#### without daylight sensor

221040.91X.Q L 226, B 226, H 70 1 x TC 9 W

\* Non-adjustable daylight sensor:

ON: approx. 5 Lux | OFF: approx. 40 Lux

Ultra flat house number luminaire incl. adhesive negative film



Further luminaires of this series, see:

Indoor lighting | Ceiling- and wall luminaires

.79 = With EB | .Q = Quick service (stock articles)

Specifications subject to alteration. Other options and accessories can be found in the current product selection guide or in the Internet under [www.rzb-lighting.com](http://www.rzb-lighting.com)





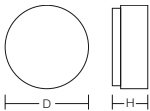
# KREIS WITH DAYLIGHT SENSOR

House number luminaires

Type of protection: **IP 44**  
Protection class: I  
Base: plastic. Opal glass: mouth-blown, satin finish. Glass fastening: spring system.

**Please place a separate order for your lettering!**

Available colours: 3 = black



Wall luminaires with daylight sensor		
<b>Glass D 230 mm</b>		
20101.913.25*	D 230, H 110	1 x TC 7 W
<b>Glass D 280 mm</b>		
20171.913.25*	D 280, H 120	1 x TC 9 W

\* Adjustable daylight sensor:  
ON: Adjustable from approx. 5 - 40 Lux | OFF: Adjustable from approx. 40 - 120 Lux



Further luminaires of this series, see:  
Indoor lighting |  
Ceiling and wall luminaires



## ROUNDED® EXTRA FLAT WITH DAYLIGHT SENSOR

House number luminaires



Type of protection: **IP 54**

Protection class: I

Base: die-cast aluminium, powder-coated.

Diffuser: opal glass, mouth-blown, satin finish  
or plastic (polycarbonate): opal.

LED included.

**Please place a separate order for your lettering!**

Available colours (X): 2 = white,

31 = anthracite metallic, 4 = silver metallic

Please replace X of the item no. with the requested colour code.

**LED**



### Wall luminaires with daylight sensor

#### Glass

581567.00X.25\* D 270, H 80 1 x LED 4 W 6300 K

581214.91X.25\* D 270, H 80 1 x TC-D 10 W

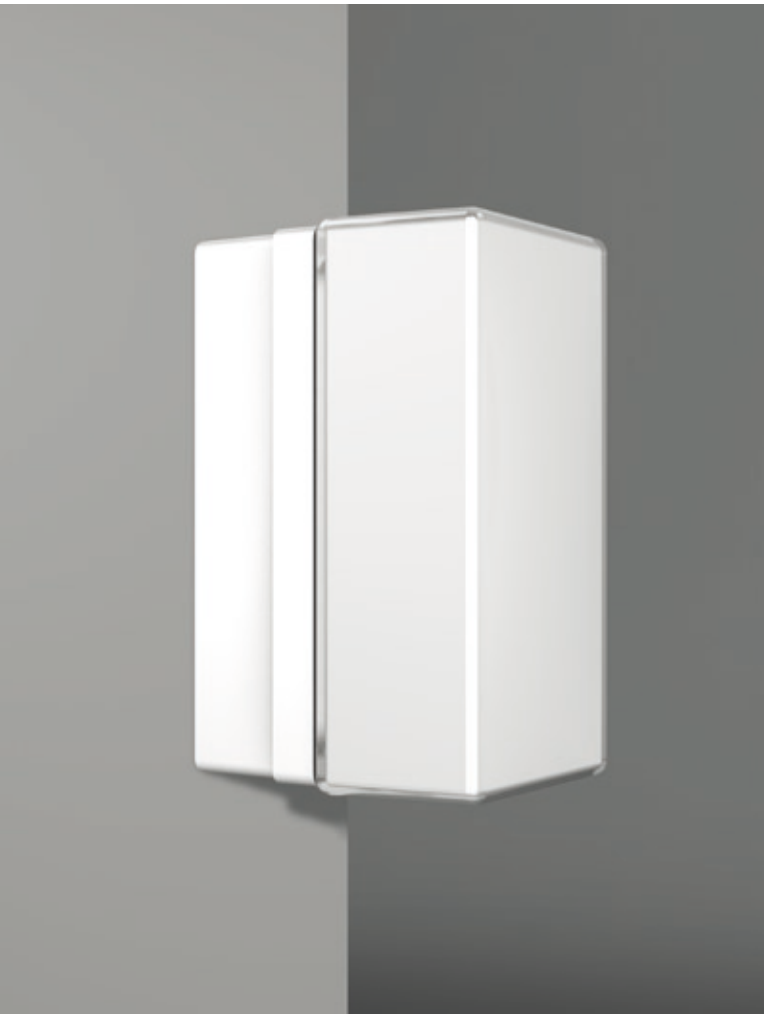
#### Plastic (polycarbonate)

581568.00X.25\* D 270, H 80 1 x LED 4 W 6300 K

581169.91X.25\* D 270, H 80 1 x TC-D 10 W

\* Non-adjustable daylight sensor:

ON: approx. 5 Lux | OFF: approx. 40 Lux



# RECHTECK

Wall luminaires

Type of protection: **IP 44**  
Protection class: I = TC-Lp, II = E27  
Base: plastic, for corner mounting. Opal glass: mouth-blown, satin finish or silk finish.  
Glass fastening: spring system.  
Available colours (X): 2 = white, 3 = black  
Please replace X of the item no. with the requested colour code.



Wall luminaires			
Glass L 120 x B 95 mm			
Opal glass, satin finished			
21136.00X .Q	L 120, B 95, H 220	1 x E27® 60 W	
21136.92X	L 120, B 95, H 220	1 x TC-D 13 W	
Glass, opal, silk finish			
20136.00X	L 120, B 95, H 220	1 x E27® 60 W	
20136.92X	L 120, B 95, H 220	1 x TC-D 13 W	



Further luminaires of this series, see:  
Indoor lighting |  
Ceiling and wall luminaires



# LIGHT CASE WALL EXTENSION

Wall luminaires

Type of protection: **IP 54**

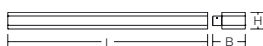
Protection class: I

Housing: sheet steel, powder-coated. Removable frame: aluminium, powder-coated.

Safety glass: frosted. Uplight and downlight.

Hinges: stainless steel. Two cable inlets for through-wiring, cable diameter 1-9 mm. Wall bracket: stainless steel. In-built ballast.

Available colours: 3 = black



## Wall extension up/down

901029.753.79	L 1280, B 260, H 130	1 x T26 (T8)	36 W
901030.753.79	L 1580, B 260, H 130	1 x T26 (T8)	58 W

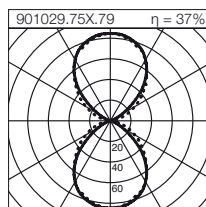
## Wall extension down

901059.753.79	L 1280, B 260, H 105	1 x T26 (T8)	36 W
901060.753.79	L 1580, B 260, H 105	1 x T26 (T8)	58 W



Further luminaires of this series, see:

Outdoor lighting |  
Outdoor pole luminaires,  
Ceiling luminaires



.79 = With EB | .Q = Quick service (stock articles)

Specifications subject to alteration. Other options and accessories can be found in the current product selection guide or in the Internet under [www.rzb-lighting.com](http://www.rzb-lighting.com)

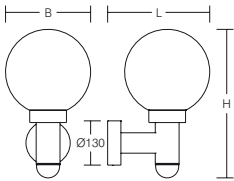




# KUGEL OPAL

Wall luminaires

Type of protection: **IP 54**  
Protection class: I  
Base: die-cast aluminium, powder-coated.  
Opal glass: mouth blown, satin finish. Glass fastening: bayonet system.  
Available colours (X): 2 = white, 31 = anthracite metallic, 4 = silver metallic  
Please replace X of the item no. with the requested colour code.



Wall luminaires with movement sensor				
<b>Glass sphere D 250 mm</b>				
621026.00X.19	L 300, B 250, H 435	1 x E27®	100 W	
<b>Glass sphere D 300 mm</b>				
621029.00X.19	L 325, B 300, H 480	1 x E27®	100 W	



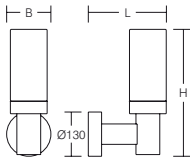
Further luminaires of this series, see:  
Outdoor lighting |  
Bollards, Outdoor pole luminaires



# CIRCLE CYL

Wall luminaires

Type of protection: **IP 54**  
Protection class: I  
Base: die-cast aluminium, powder-coated.  
Opal glass: mouth blown, grooved, silk finish.  
Glass fastening: bayonet system.  
Available colours (X): 31 = anthracite metallic,  
4 = silver metallic  
Please replace X of the item no. with the  
requested colour code.



Wall luminaires			
Glass D 112 mm, H 210 mm			
621057.00X	L 230, B 130, H 370	1 x E27®	100 W
621059.96X.79	L 230, B 130, H 370	1 x TC-DEL	18 W
Glass D 154 mm, H 330 mm			
621060.00X	L 250, B 154, H 490	1 x E27®	150 W
621061.98X.79	L 250, B 154, H 490	1 x TC-L	24 W



Further luminaires  
of this series, see:  
Outdoor lighting |  
Bollards



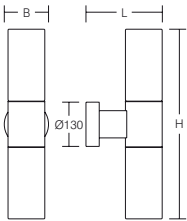
Wall luminaires double sided



# MEGA

Wall luminaires

Type of protection: **IP 54**  
Protection class: I  
Base: die-cast aluminium, powder-coated.  
Diffuser: glass, mouth-blown, opal, satin finish. Glass cylinder fastening: bayonet system.  
Available colours (X): 31 = anthracite metallic, 4 = silver metallic  
Please replace X of the item no. with the requested colour code.



Wall luminaires single sided			
Diffuser: glass, opal, satin finish D 108 mm, H 210 mm			
621015.00X	L 225, B 130, H 345	1 x E27®	60 W
621016.96X.79	L 225, B 130, H 345	1 x TC-DEL	18 W

Wall luminaires double sided			
Diffuser: glass, opal, satin finish D 108 mm, H 210 mm			
621005.00X	L 225, B 108, H 535	2 x E27®	60 W
621006.96X.79	L 225, B 108, H 535	2 x TC-DEL	18 W
Diffuser: glass, opal, satin finish D 150 mm, H 330 mm			
621009.98X.79	L 265, B 150, H 800	2 x TC-L	24 W



Further luminaires  
of this series, see:  
Outdoor lighting |  
Bollards



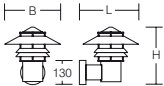




# SCANDIA MIDI

Wall luminaires

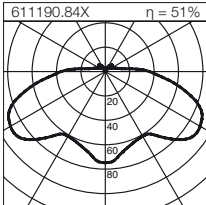
Type of protection: **IP 44**  
Protection class: I  
Base: aluminium, powder-coated. Glass: mouth-blown, opal, satin finish, or transparent. Lamella: plastic, powder-coated.  
Available colours (X): 2 = white, 31 = anthracite metallic, 4 = silver metallic  
Please replace X of the item no. with the requested colour code.



Wall luminaires			
Glass, transparent			
611189.00X	L 320, B 300, H 310	1 x E27®	100 W
611190.84X	L 320, B 300, H 310	1 x TC-T	18 W
Opal glass, satin finished			
611187.00X	L 320, B 300, H 310	1 x E27®	100 W
611188.84X	L 320, B 300, H 310	1 x TC-T	18 W
Wall luminaires with movement sensor			
Glass, transparent			
611528.00X.19	L 320, B 300, H 335	1 x E27®	100 W
Opal glass, satin finished			
611527.00X.19	L 320, B 300, H 335	1 x E27®	100 W



SCANDIA MIDI is also available as bollard version



Option with anti-glare lamella



## ALU-SCANDIA

Wall luminaires

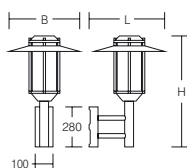
Type of protection: **IP 44**

Protection class: I

Base: aluminium. Wall bracket: stainless steel, powder-coated. Cylinder: plastic, transparent. Antiglare protection: metal.

Available colours (X): 2 = white, 31 = anthracite metallic, 4 = silver metallic

Please replace X of the item no. with the requested colour code.

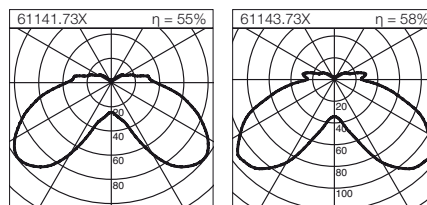


### Wall luminaires

61141.73X	L 478, B 400, H 693	1 x HIE, HSE 70 W
<b>with anti-glare lamella</b>		
61143.73X	L 478, B 400, H 694	1 x HIE, HSE 70 W

Further luminaires of this series, see:

Outdoor lighting | Bollards, Outdoor pole luminaires



.79 = With EB | .Q = Quick service (stock articles)

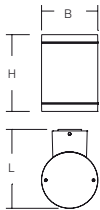
Specifications subject to alteration. Other options and accessories can be found in the current product selection guide or in the Internet under [www.rzb-lighting.com](http://www.rzb-lighting.com)



CYL

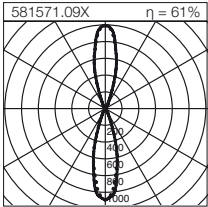
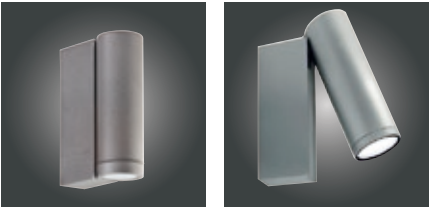
Wall luminaires

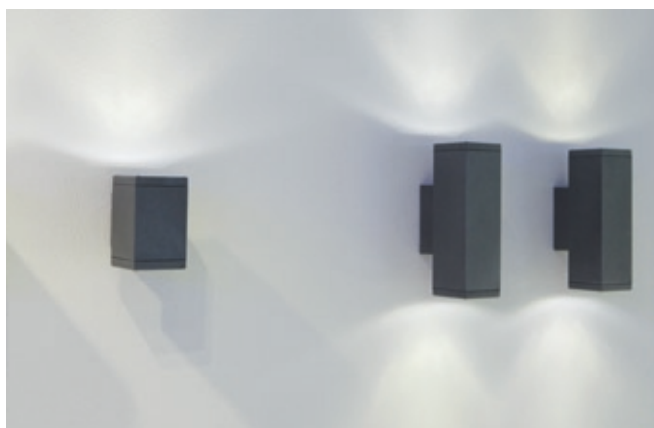
Type of protection: **IP 65**  
Protection class: I  
Base: aluminium and die-cast aluminium.  
Diffuser: transparent glass, temperature resistant.  
Available colours (X): 31 = anthracite metallic, 4 = silver metallic  
Please replace X of the item no. with the requested colour code.



Wall luminaires			
Light emission on one side			
581570.00X	L 127, B 93, H 124	1 x LED 4 W 6300 K	
581570.09X	L 127, B 93, H 124	1 x QPAR16 50 W	
Light emission on two sides			
581571.00X	L 140, B 93, H 255	2 x LED 4 W 6300 K	
581571.09X	L 140, B 93, H 255	2 x QPAR16 50 W	
Swivel-mounted 0° to 90°			
Light emission on one side			
581575.09X	L 140, B 66, H 200	1 x QPAR16 50 W	

CYL VARIO swivel-mounted 0° to 90°





## TECHNO

Wall luminaires

Type of protection: **IP 65**

Protection class: I

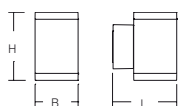
Base: aluminium and die-cast aluminium.

Diffuser: transparent glass, temperature resistant.

Available colours (X): 31 = anthracite metallic,  
4 = silver metallic

Please replace X of the item no. with the  
requested colour code.

**LED**



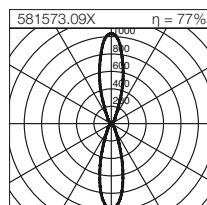
### Wall luminaires

#### Light emission on one side

581572.00X	L 119, B 80, H 124	1 x LED 4 W 6300 K
581572.09X	L 119, B 80, H 124	1 x QPAR16 50 W

#### Light emission on two sides

581573.00X	L 119, B 80, H 255	2 x LED 4 W 6300 K
581573.09X	L 119, B 80, H 255	2 x QPAR16 50 W







ZONO

Wall luminaires

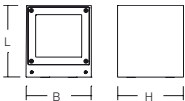


Type of protection: **IP 65**  
Protection class: I

Base: die-cast aluminium. Diffuser: glass, satin finish, temperature resistant. Ballast: EB.

Available colours (X): 31 = anthracite metallic, 4 = silver metallic

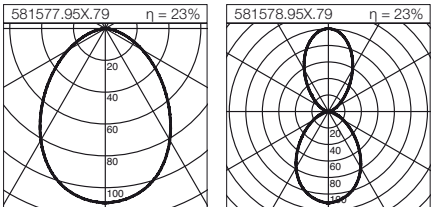
Please replace X of the item no. with the requested colour code.



Wall luminaires Zono I			
<b>Light emission on one side, Flood</b>			
581576.00X	L 110, B 100, H 100	1 x LED 4 W 6300 K	
581576.09X	L 110, B 100, H 100	1 x QPAR16 35 W	
<b>Light emission on two sides, Flood/Flood</b>			
581592.00X	L 110, B 100, H 100	2 x LED 4 W 6300 K	
<b>Light emission on two sides, Spot/Flood</b>			
581591.00X	L 110, B 100, H 100	2 x LED 4 W 6300 K	
Wall luminaires Zono II			
<b>Light emission on one side</b>			
581577.95X.79	L 294, B 100, H 95	1 x TC-DEL 26 W	
<b>Light emission on two sides</b>			
581578.95X.79	L 294, B 100, H 95	1 x TC-DEL 26 W	



ZONO II





# TRIMA

Wall luminaires

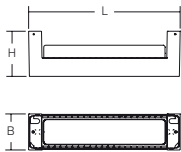
Type of protection: **IP 66**  
Protection class: I

Base: die-cast aluminium. Diffuser: polycarbonate, transparent, textured. Reflector: aluminium.

Available colours (X): 31 = anthracite metallic, 4 = silver metallic

Please replace X of the item no. with the requested colour code.

**LED**



Wall luminaires		
Light emission on two sides		
Length L 260 mm		
581593.00X	L 260, B 105, H 130	2 x LED 4 W 6300 K
Length L 450 mm		
581574.98X.79	L 450, B 105, H 130	1 x TC-L 24 W

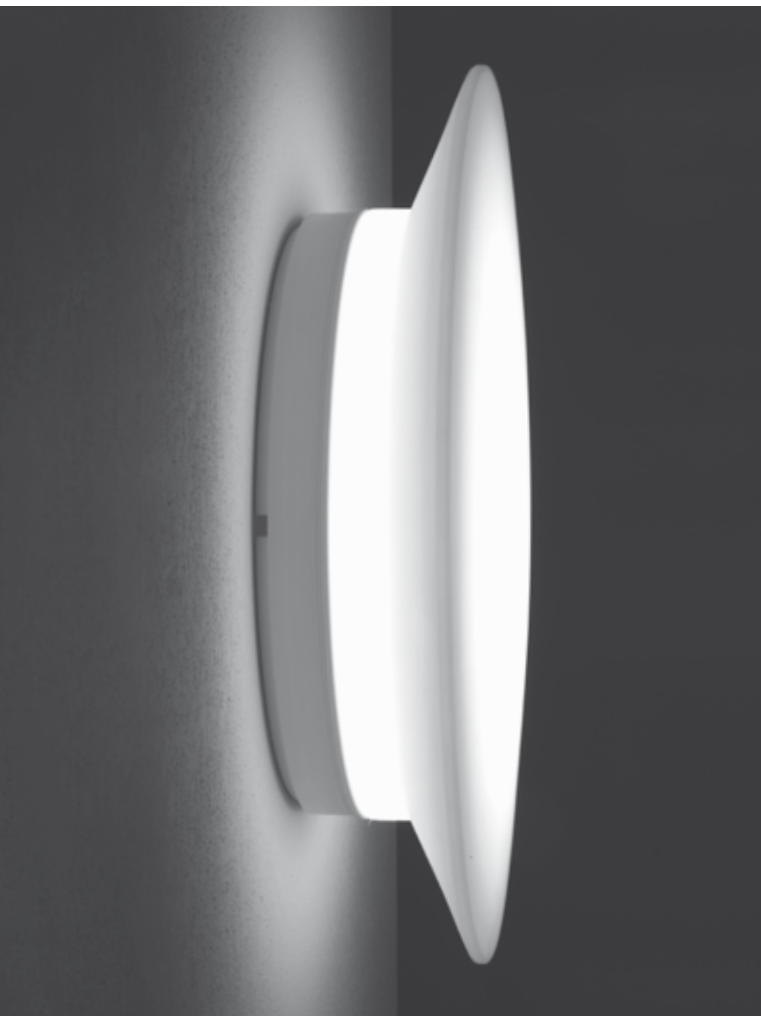


# Ceiling and wall luminaires









## THE INCREDIBLE LIGHTNESS OF BEING

The MONDANA, which was designed by Harmut S. Engel, combines the gentle direct light of the ultra-thin matt diffuser with very intelligently designed reflections – thus creating a playful lightness of light and form in a weightless, almost sensual dance.



red dot design award  
honourable mention 2009



## MONDANA®-A

Ceiling and wall luminaires

Type of protection: **IP 65**

Protection class: I, II upon request

UGR index: < 19

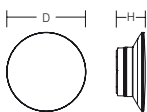
Base: plastic (polycarbonate), microtexture finish; diffuser: hand-blown opal glass, satin finish, or plastic (polyethylene), opal, satin finish. Diffuser fastening: threaded fitting.

Standard Gore™ Protective Vents diaphragm valve for reduction of condensation.

Available colours (X):

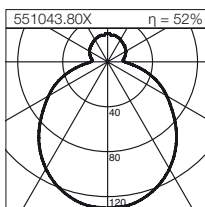
2 = white, 4 = silver coloured

Please replace X of the item no. with the requested colour code.



Further luminaires of this series, see:

Outdoor luminaires | Recessed luminaires



## Ceiling and wall luminaires

**Glass: opal, satin finish D 280 mm**

551008.92X.79 D 280, H 106 1 x TC-DEL 10 W

**Glass: opal, satin finish D 390 mm**

551012.86X.79 D 390, H 101 1 x TC-F 24 W

551035.00X\* D 390, H 101 1 x T16-R 22 W

**with movement sensor**

551035.00X.19 D 390, H 101 1 x T16-R 22 W

**Glass: opal, satin finish D 500 mm**

551033.86X.79 D 500, H 128 2 x TC-F 36 W

551041.80X D 500, H 128 1 x T16-R 22 W + 40 W

551042.00X\* D 500, H 128 1 x T16-R 55 W

**with movement sensor**

551042.00X.19\* D 500, H 128 1 x T16-R 55 W

**Diffuser: plastic (polyethylene) D 280 mm**

551020.92X.79 D 280, H 108 1 x TC-DEL 10 W

**Diffuser: plastic (polyethylene) D 440 mm**

551024.86X.79 D 440, H 109 1 x TC-F 24 W

551038.00X\* D 440, H 109 1 x T16-R 22 W

**with movement sensor**

551038.00X.19 D 440, H 109 1 x T16-R 22 W

**Diffuser: plastic (polyethylene) D 550 mm**

551034.86X.79 D 550, H 135 2 x TC-F 36 W

551043.80X D 550, H 135 1 x T16-R 22 W + 40 W

551044.00X\* D 550, H 135 1 x T16-R 55 W

**with movement sensor**

551044.00X.19 D 550, H 135 1 x T16-R 55 W

\* With EB as standard

## AN EMISSARY LUMINAIRE

Although the belief that the Earth is flat was disproved centuries ago, these magnificently luminous extra large diffusers could make you doubt the Earth's roundness for a moment – but in any case open up a new world of ideas and enable us to see messages in the right light.



## FLAT POLYMERO® SENSATION KREIS

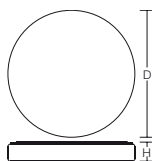
Ceiling and wall luminaire

Type of protection: **IP 44**

Protection class: I

Base: metal, powder-coated. Diffuser: plastic (PMMA), opal or plastic (polycarbonate with ball impact protection in accordance with DIN 18032-3), opal. Diffuser fastening: sash lock.

Available colours: 2 = white



Ceiling and wall luminaire

Diffuser: plastic (polycarbonate) D 1040 mm, ball impact proof in accordance with DIN 18032-03

311437.982.1\* D 1040, H 150 4 x TC-L 55 W

\* With EB as standard



Further luminaires of this series, see:

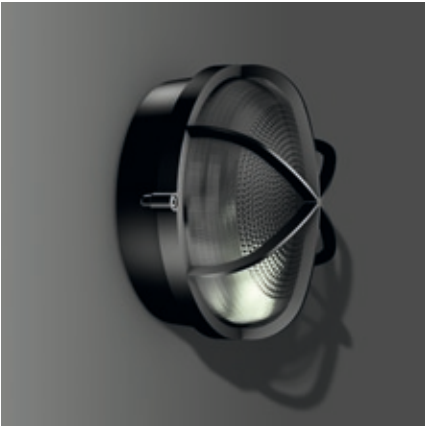
Indoor lighting |  
Ceiling and wall  
luminaires, Pendant  
luminaires

.79 = With EB | .Q = Quick service (stock articles)

Specifications subject to alteration. Other options and accessories can be found in the current product selection guide or in the Internet under [www.rzb-lighting.com](http://www.rzb-lighting.com)



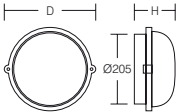
Protective cage option



# ALU-SUPERIOR

Ceiling and wall luminaires

Type of protection: **IP 54**  
Protection class: I  
Base: die-cast aluminium, powder-coated.  
Glass: transparent, textured or diffuser: plastic (polycarbonate), opal.  
Available colours (X): 2 = white, 3 = black  
Please replace X of the item no. with the requested colour code.



Ceiling and wall luminaires		
Glass: transparent, textured		
51011.00X	D 245, H 120	1 x E27® 100 W
51011.96X.79	D 245, H 120	1 x TC-DEL 18 W
Diffuser: plastic (polycarbonate), opal		
51050.00X.Q	D 245, H 120	1 x E27® 75 W
51050.96X.79	D 245, H 120	1 x TC-DEL 18 W

Ceiling and wall luminaires with protective cage		
Glass: transparent, textured		
51010.00X.Q	D 245, H 140	1 x E27® 100 W
51010.96X.79	D 245, H 140	1 x TC-DEL 18 W
Diffuser: plastic (polycarbonate), opal		
51052.00X.Q	D 245, H 140	1 x E27® 75 W
51052.96X.79	D 245, H 140	1 x TC-DEL 18 W



## ALU-DESIGN

Ceiling and wall luminaires

Type of protection: **IP 54**

Protection class: I

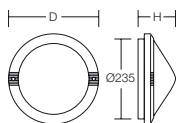
Base: die-cast aluminium, powder-coated.

Glass: frosted inside.

Available colours (X): 2 = white, 3 = black

Please replace X of the item no. with the requested colour code.

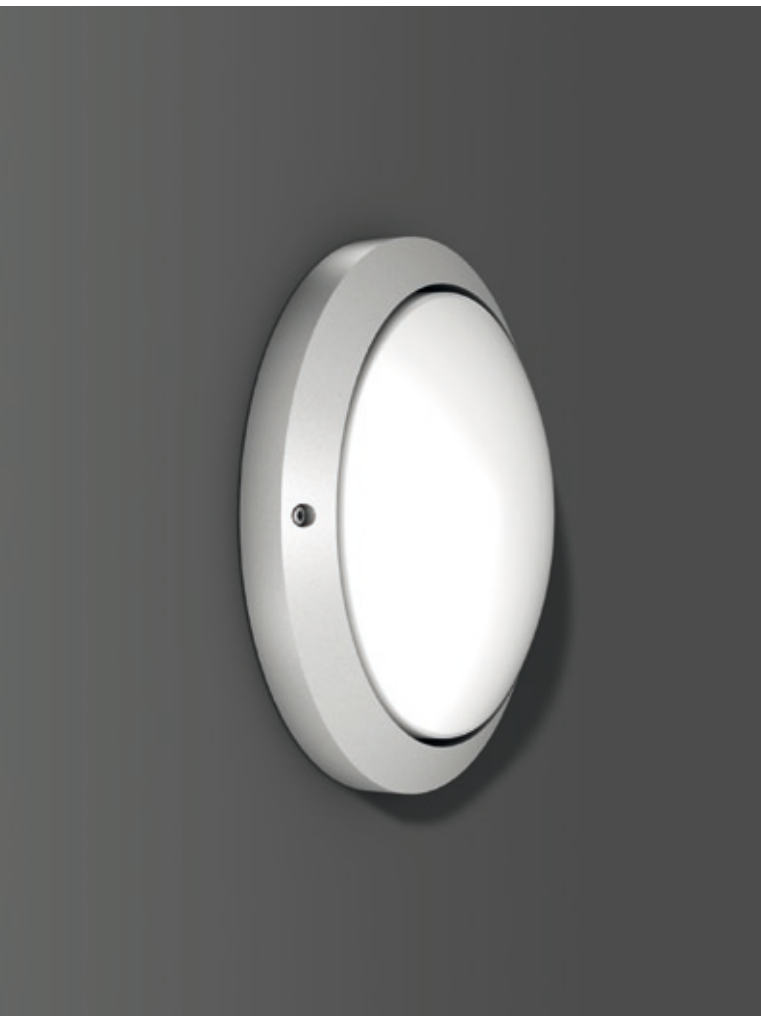
**LED**



### Ceiling and wall luminaires

58124.00XLED	D 265, H 110	1 x LED 9,5 W 2800 K
58124.96X.79	D 265, H 110	1 x TC-DEL 18 W





Left: Semi-recessed luminaire.  
Below: Surface mounted option



## ROUNDED® EXTRA FLAT

Ceiling and wall luminaires

Type of protection: **IP 54**

Protection class: I

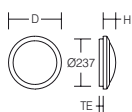
**LED**

Base: die-cast aluminium, powder-coated.

Diffuser: glass, opal, mouth-blown, satin finish, or plastic (polycarbonate), opal.

Available colours (X): 2 = white, 31 = anthracite metallic, 4 = silver metallic

Please replace X of the item no. with the requested colour code.



### Ceiling and wall luminaires, recess depth HE 22 mm

#### Plastic (polycarbonate)

581035.00X.Q	D 270, H 70	1 x E27® 75 W
581549.00X*	D 270, H 70	3 x LED 4 W 6300 K
581037.96X.79	D 270, H 70	1 x TC-DEL 18 W
581038.95X.79	D 270, H 70	1 x TC-DEL 26 W

#### Glass

581548.00X*	D 270, H 70	3 x LED 4 W 6300 K
581041.96X.79	D 270, H 70	1 x TC-DEL 18 W
581042.95X.79	D 270, H 70	1 x TC-DEL 26 W

### Ceiling and wall luminaires

#### Plastic (polycarbonate)

581043.00X.Q	D 270, H 100	1 x E27® 75 W
581551.00X*	D 270, H 100	3 x LED 4 W 6300 K
581045.96X.79.Q	D 270, H 100	1 x TC-DEL 18 W
581046.95X.79	D 270, H 100	1 x TC-DEL 26 W

#### Glass

581047.00X	D 270, H 100	1 x E27® 75 W
581550.00X*	D 270, H 100	3 x LED 4 W 6300 K
581049.96X.79	D 270, H 100	1 x TC-DEL 18 W
581050.95X.79	D 270, H 100	1 x TC-DEL 26 W

\* LEDs included.



## ROUNDED® EXTRA FLAT

Ceiling and wall luminaires

Type of protection: **IP 54**

Protection class: I

Base: die-cast aluminium, powder-coated.

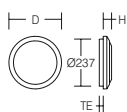
Diffuser: glass, opal, mouth-blown, satin finish, or plastic (polycarbonate), opal, extremely flat.

Available colours (X): 2 = white,

31 = anthracite metallic, 4 = silver metallic

Please replace X of the item no. with the requested colour code.

**LED**



**Ceiling and wall luminaires, recess depth HE 22 mm**

**Plastic (polycarbonate)**

581553.00X*	D 270, H 50	3 x LED 4 W 6300 K
581163.96X.79	D 270, H 50	1 x TC-DEL 18 W
581164.95X.79	D 270, H 50	1 x TC-DEL 26 W

**Glass**

581552.00X*	D 270, H 50	3 x LED 4 W 6300 K
581212.96X.79	D 270, H 50	1 x TC-DEL 18 W
581213.95X.79	D 270, H 50	1 x TC-DEL 26 W

**Ceiling and wall luminaires**

**Plastic (polycarbonate)**

581555.00X*	D 270, H 80	3 x LED 4 W 6300 K
581169.96X.79	D 270, H 80	1 x TC-DEL 18 W
581170.95X.79	D 270, H 80	1 x TC-DEL 26 W

**Glass**

581554.00X*	D 270, H 80	3 x LED 4 W 6300 K
581214.96X.79	D 270, H 80	1 x TC-DEL 18 W
581215.95X.79	D 270, H 80	1 x TC-DEL 26 W

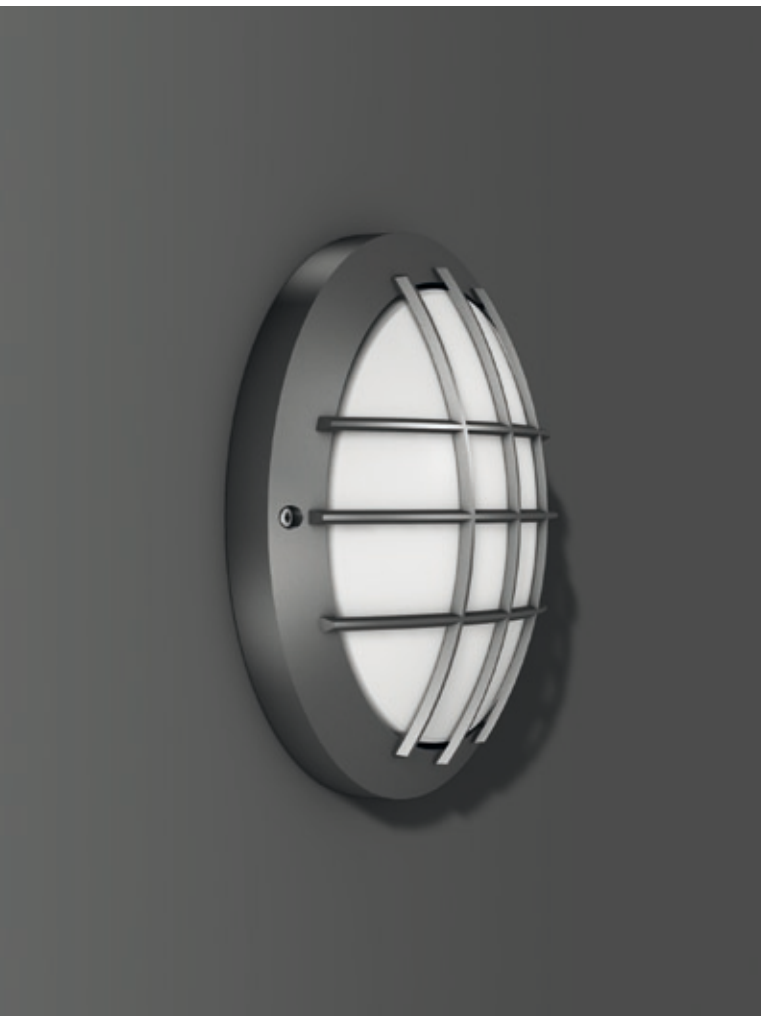
\* LEDs included.



Surface mounted option

.79 = With EB | .Q = Quick service (stock articles)

Specifications subject to alteration. Other options and accessories can be found in the current product selection guide or in the Internet under [www.rzb-lighting.com](http://www.rzb-lighting.com)



## ROUNDED® EXTRA FLAT

Ceiling and wall luminaires

Type of protection: **IP 54**

Protection class: I

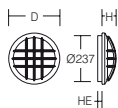
Base: die-cast aluminium, powder-coated.

Diffuser: glass, opal, mouth-blown, satin finish, or plastic (polycarbonate), opal.

Available colours (X): 2 = white, 31 = anthracite metallic, 4 = silver metallic

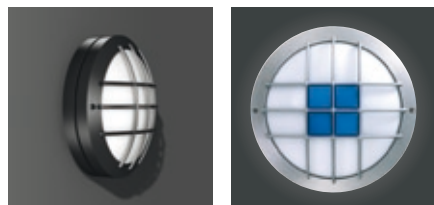
Please replace X of the item no. with the requested colour code.

**LED**



Left: Surface mounted option

Right: With coloured deco element



### Ceiling and wall luminaires with protective cage

#### Recess depth HE 22 mm

##### Glass

581071.00X.Q	D 270, H 80	1 x E27® 75 W
581560.00X*	D 270, H 80	3 x LED 4 W 6300 K
581073.96X.79	D 270, H 80	1 x TC-DEL 18 W
581074.95X.79	D 270, H 80	1 x TC-DEL 26 W

##### Plastic (polycarbonate)

581067.00X.Q	D 270, H 80	1 x E27® 75 W
581561.00X*	D 270, H 80	3 x LED 4 W 6300 K
581069.96X.79	D 270, H 80	1 x TC-DEL 18 W
581070.95X.79	D 270, H 80	1 x TC-DEL 26 W

### Ceiling and wall luminaires with protective cage

##### Glass

581079.00X.Q	D 270, H 110	1 x E27® 75 W
581562.00X*	D 270, H 110	3 x LED 4 W 6300 K
581081.96X.79	D 270, H 110	1 x TC-DEL 18 W
581082.95X.79	D 270, H 110	1 x TC-DEL 26 W

##### Plastic (polycarbonate)

581075.00X.Q	D 270, H 110	1 x E27® 75 W
581563.00X*	D 270, H 110	3 x LED 4 W 6300 K
581077.96X.79	D 270, H 110	1 x TC-DEL 18 W
581078.95X.79	D 270, H 110	1 x TC-DEL 26 W

\* LEDs included.





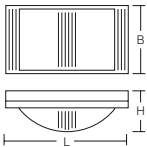




# ALU-LUX

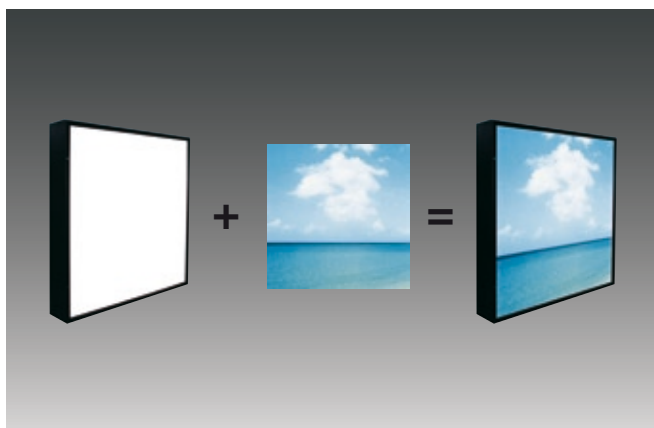
Ceiling and wall luminaires

Type of protection: **IP 65**  
Protection class: I  
Base: die-cast aluminium, powder-coated.  
Opal glass: satin finish.  
Available colours (X): 2 = white,  
31 = anthracite metallic, 4 = silver metallic  
Please replace X of the item no. with the  
requested colour code.



Ceiling and wall luminaires		
58316.00X .Q	L 280, B 180, H 100	1 x E27® 100 W
58316.96X	L 280, B 180, H 100	1 x TC-D 18 W

Optional: Digital print on transparent, self-adhesive foil, laminate (matt or glossy) and form cut. Printing and application of foil by RZB.



## LIGHT CASE

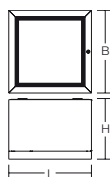
Light Cases

Type of protection: **IP 54**

Protection class: I

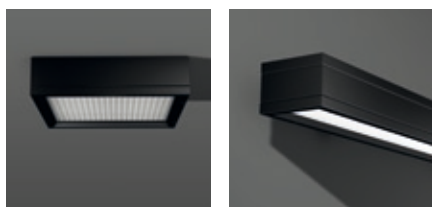
Housing: sheet steel, powder-coated; ready for chain or cable suspension (suspension to be provided on site); removable frame: aluminium, powder-coated; diffuser: plastic, opal; two cable entries for through-wiring, cable diameter: 1-25 mm; control gear incorporated; with EB for remote light colour control.

Available colours: 3 = black



Pendant luminaires (suspension not included),  
designed for suspension cable or chain  
with EB for external light colour control

901055.753.77 L 1280, B 1280, H 300 12 x T26 (T8) 36 W



Further luminaires  
of this series, see:  
Outdoor luminaires |  
Ceiling luminaires,  
Wall luminaires

.79 = With EB | .Q = Quick service (stock articles)

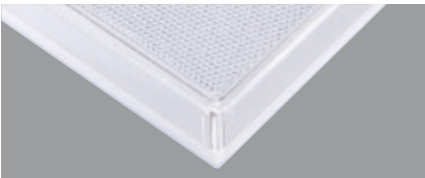
Specifications subject to alteration. Other options and accessories can be found in the current product selection guide or in the Internet under [www.rzb-lighting.com](http://www.rzb-lighting.com)



Front: opal



Front: transparent, prismatic inside



# QUADRANA®

Ceiling and wall luminaires

Type of protection: **IP 65**  
Protection class: **I**

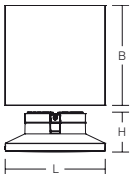


Base: die-cast aluminium, powder-coated.  
Diffuser: plastic (PMMA), two-piece.  
Front frame: stainless steel, brushed or white. Diffuser fastening: toggles.

Standard Gore™ Protective Vents diaphragm valve for reduction of condensation  
LED included.

Available colours (X):  
2 = white, 4 = silver metallic

Please replace X of the item no. with the requested colour code.



## Ceiling and wall luminaires

**Diffuser: plastic, opal. Front: transparent, prismatic inside**

311517.00X	L 300, B 300, H 115	1 x LED 4 W 6300 K
311516.00X	L 300, B 300, H 115	4 x LED 4 W 6300 K
311496.84X.79	L 300, B 300, H 115	1 x TC-TEL 18 W

**Diffuser: plastic, opal. Front: opal**

311524.00X	L 300, B 300, H 115	1 x LED 4 W 6300 K
311524.00X.1*	L 300, B 300, H 115	1 x LED 4 W 6300 K
311515.00X	L 300, B 300, H 115	4 x LED 4 W 6300 K
311515.00X.1*	L 300, B 300, H 115	4 x LED 4 W 6300 K
311482.84X.79 .Q	L 300, B 300, H 115	1 x TC-TEL 18 W

\* .1 = incl. inscription on display panel. Please indicate inscription when ordering!



Further luminaires  
of this series, see:  
Outdoor lighting |  
Recessed luminaires



## QUADRANA® LIGHT SPACE

Ceiling and wall luminaires

Type of protection: **IP 65**

Protection class: I

**LED**

Base: die-cast aluminium, powder-coated.

Diffuser: plastic (PMMA), two-piece. Front

frame: stainless steel, brushed or white.

Diffuser fastening: toggles. With 16 LED and electronic constant current supply.

Standard Gore™ Protective Vents diaphragm valve for reduction of condensation.

Available LED colour:

blue - Front frame: stainless steel, brushed

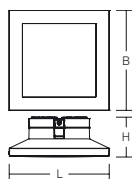
white - Front frame: stainless steel, white

LED included.

Available colours (X):

2 = white, 4 = silver metallic

Please replace X of the item no. with the requested colour code.



### Ceiling and wall luminaires

**Diffuser: plastic, opal, Front: transparent**

311484.00X	L 300, B 300, H 115	16 x LED 1,2 W blue
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311511.00X	L 300, B 300, H 115	16 x LED 1,2 W 5400 K
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**Diffuser: plastic, opal, Front: transparent, prismatic inside**

311498.00X	L 300, B 300, H 115	16 x LED 1,2 W blue
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311512.00X	L 300, B 300, H 115	16 x LED 1,2 W 5400 K
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Further luminaires  
of this series, see:  
Outdoor lighting |  
Recessed luminaires



# Bollards







## SLOPIA®

Pathway luminaires

Type of protection: **IP 54, IP 65**

Protection class: I, II

**LED**

Post: aluminium, powder-coated. Safety glass: transparent. LED module elements each comprising 4 LED modules, rotation range: 360°. Luminaire: tilted 10° vertically. Cable distribution box: in the housing profile. Max. line diameter: 13 mm. 5-pole terminal up to max. 2,5 mm<sup>2</sup>. Base plate: aluminium 270 x 240 with 4 mounting holes: Ø 9, hole spacing: 230 x 200. Luminaires without base plate with mounting element: stainless steel.

Standard Gore™ Protective Vents diaphragm valve for reduction of condensation.

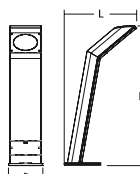
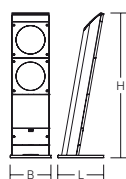
LED included.

Available LED colours: white (5400 K) β 20°

Other colours available on request: red β 16°, yellow β 16°, green β 16°, blue β 16°

Available colours (X): 31 = anthracite metallic, 4 = silver metallic

Please replace X of the item no. with the requested colour code.



**Pathway luminaires: Post: 10° tilted**

**without base plate**

**1 LED module**

611730.00X	L 200, B 220, H 550	4 x LED 3,6 W 5400 K
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**2 LED modules at the top**

611731.00X	L 250, B 220, H 850	8 x LED 3,6 W 5400 K
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**with base plate**

**1 LED module**

611709.00X	L 270, B 240, H 550	4 x LED 3,6 W 5400 K
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**2 LED modules at the top**

611710.00X	L 285, B 240, H 850	8 x LED 3,6 W 5400 K
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611711.00X	L 355, B 240, H 1250	8 x LED 3,6 W 5400 K
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**3 LED modules, 2 at the top, 1 at the bottom**

611712.00X	L 355, B 240, H 1250	12 x LED 3,6 W 5400 K
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**3 LED modules, 3 at the top**

611716.00X	L 355, B 240, H 1250	12 x LED 3,6 W 5400 K
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**4 LED modules, 3 at the top, 1 at the bottom**

611715.00X	L 420, B 240, H 1600	16 x LED 3,6 W 5400 K
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**4 LED modules, 4 at the top**

611714.00X	L 420, B 240, H 1600	16 x LED 3,6 W 5400 K
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**Pathway luminaires: Post: 10° tilted; luminaire top: 40° tilted**

**With double safety sockets**

611745.00X	L 440, B 240, H 1000	4 x LED 3,6 W 5400 K
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611747.26X	L 440, B 240, H 1000	1 x HIT-TC-CE 20 W
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611748.26X	L 440, B 240, H 1000	1 x HIT-TC-CE 35 W
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**without safety sockets**

611737.00X	L 440, B 240, H 1000	4 x LED 3,6 W 5400 K
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611739.26X	L 440, B 240, H 1000	1 x HIT-TC-CE 20 W
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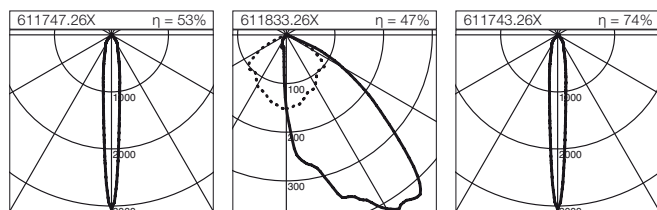
611740.26X	L 440, B 240, H 1000	1 x HIT-TC-CE 35 W
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Further luminaires of this series, see:

Outdoor lighting | Spotlights, Wall luminaires, Outdoor pole luminaires



## SLOPIA® TOP

Pathway luminaires

Type of protection: **IP 54, IP 65**

Protection class: I, II

**LED**

Post: aluminium extrusion profile, powder-coated; front plates and cover: die-cast aluminium, powder-coated; safety glass: transparent. Control gears incorporated.

Module elements only for HIT-TC-CE lamp with asymmetrical reflectors, aluminium, highly polished anodised finish.

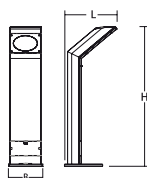
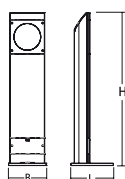
LED module elements with 4 LED modules each, rotation range: 360° and 20° tilted.

Luminaire 0° vertically. Mains connection to cable distribution box: in the housing profile. Max. cable diameter d 13 mm, 5-pole terminal up to max. 2.5 mm<sup>2</sup>, 2 Optional: safety sockets with hinged cover (IP55). Base plate 270 mm x 240 mm, 4 mounting holes d 9, distance between holes: 230 mm x 200 mm Standard Gore™ Protective Vents diaphragm valve for reduction of condensation.

LED included.

Available colours (X): 31 = anthracite metallic, 4 = silver metallic

Please replace X of the item no. with the requested colour code.



Pathway luminaires: Post: straight

With double safety sockets

611800.00X	L 270, B 240, H 970	4 x LED 3,6 W 5400 K
611833.26X	L 270, B 240, H 970	1 x HIT-TC-CE 20 W
611801.26X	L 270, B 240, H 970	1 x HIT-TC-CE 35 W

without safety socket

611798.00X	L 270, B 240, H 970	4 x LED 3,6 W 5400 K
611832.26X	L 270, B 240, H 970	1 x HIT-TC-CE 20 W
611799.26X	L 270, B 240, H 970	1 x HIT-TC-CE 35 W

Pathway luminaires: Post: straight; luminaire top: 40° tilted

With double safety sockets

611741.00X	L 310, B 240, H 1000	4 x LED 3,6 W 5400 K
611743.26X	L 310, B 240, H 1000	1 x HIT-TC-CE 20 W
611744.26X	L 310, B 240, H 1000	1 x HIT-TC-CE 35 W

without safety socket

611733.00X	L 310, B 240, H 1000	4 x LED 3,6 W 5400 K
611735.26X	L 310, B 240, H 1000	1 x HIT-TC-CE 20 W
611736.26X	L 310, B 240, H 1000	1 x HIT-TC-CE 35 W



reddot design award  
winner 2011

.79 = With EB | .Q = Quick service (stock articles)

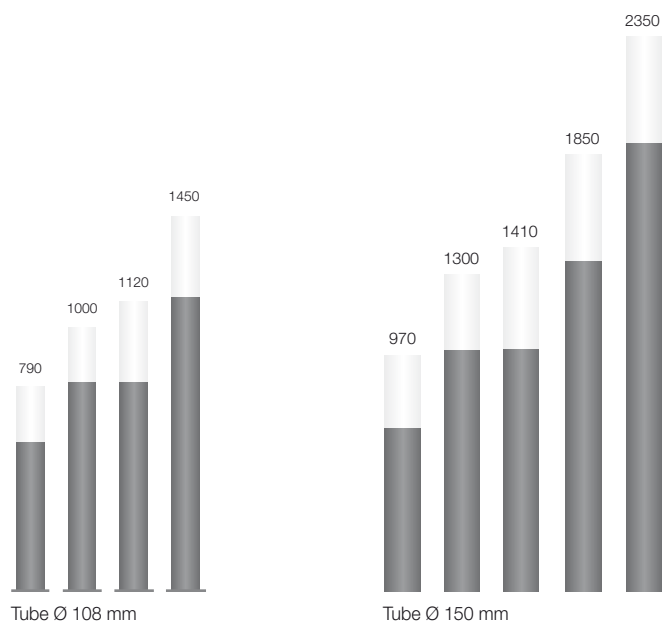
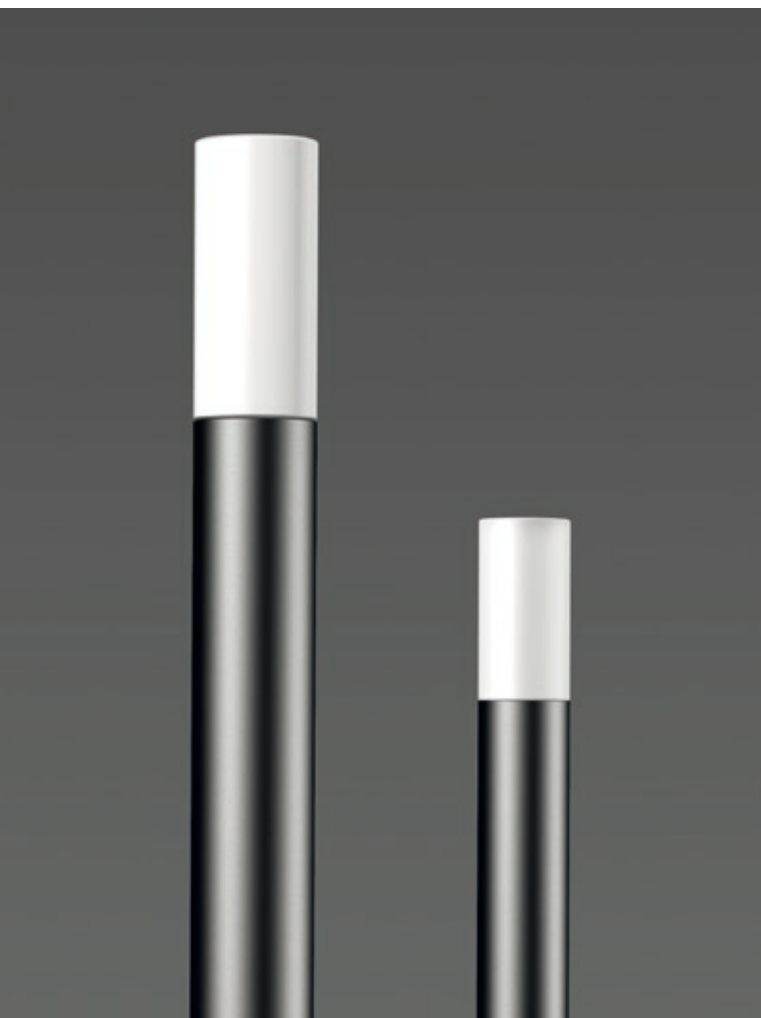
Specifications subject to alteration. Other options and accessories can be found in the current product selection guide or in the Internet under [www.rzb-lighting.com](http://www.rzb-lighting.com)











## MEGA

Lightswords

Type of protection: **IP 54**

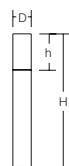
Protection class: I

Post: aluminium, powder-coated. Cover: glass, opal, mouth-blown, satin finish.

Junction box in post.

Available colours (X): 31 = anthracite metallic, 4 = silver metallic

Please replace X of the item no. with the requested colour code.



### Bollards, tube Ø 108 mm

Glass: opal, satin finish

Height H 790 mm, h 210 mm

611585.96X.79 D 108, H 790 1 x TC-DEL 18 W

Height H 1000 mm, h 210 mm

611586.96X.79 .Q D 108, H 1000 1 x TC-DEL 18 W

Height H 1120 mm, h 330 mm

611589.98X.79 .Q D 108, H 1120 1 x TC-L 24 W

Height H 1450 mm, h 330 mm

611590.98X.79 D 108, H 1450 1 x TC-L 24 W

### Bollards, tube Ø 150 mm

Opal glass, satin finished

Height H 970 mm, h 330 mm

611587.98X.79 D 150, H 970 1 x TC-L 24 W

Height H 1300 mm, h 330 mm

611588.98X.79 D 150, H 1300 1 x TC-L 24 W

Height H 1410 mm, h 450 mm

611591.98X.79 D 150, H 1410 1 x TC-L 36 W

Height H 1850 mm, h 450 mm

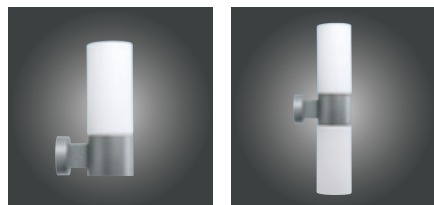
611592.98X.79 D 150, H 1850 1 x TC-L 36 W

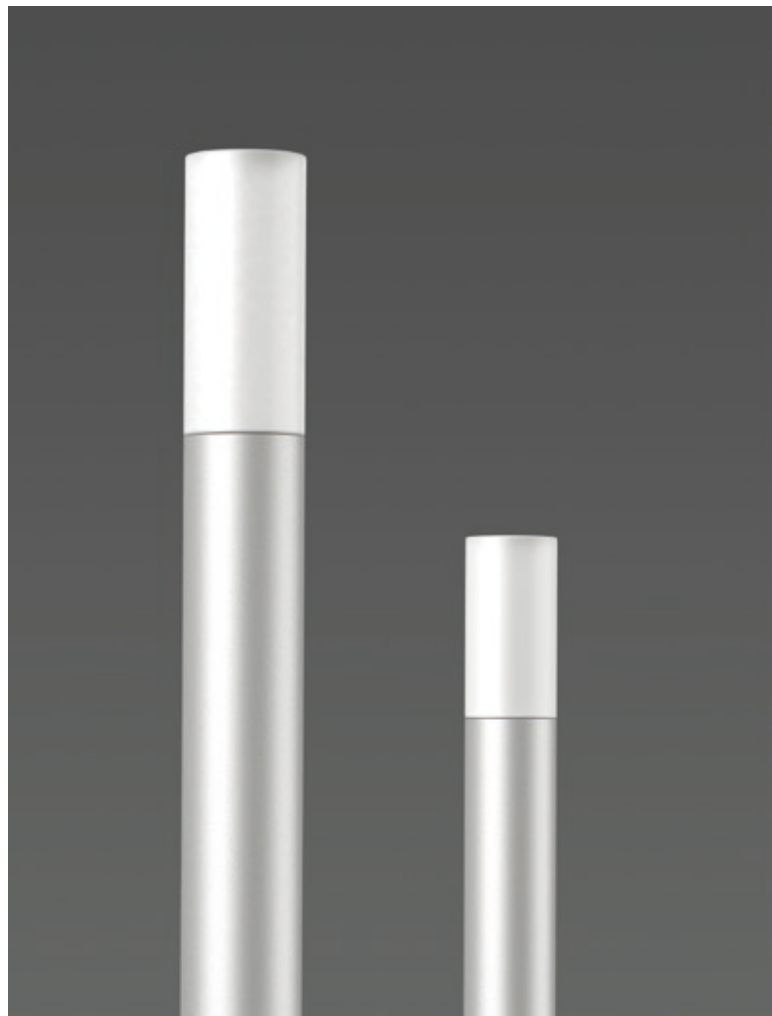
Height H 2350 mm, h 450 mm

611700.98X.79 D 150, H 2350 1 x TC-L 36 W

Further luminaires of this series, see:

Outdoor lighting | Wall luminaires





# MEGA

Lightswords

Type of protection: **IP 54**

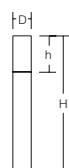
Protection class: I

Post: aluminium, powder-coated. Cover: plastic (polyethylene), opal, satin finish.

Junction box in post.

Available colours (X): 31 = anthracite metallic, 4 = silver metallic

Please replace X of the item no. with the requested colour code.



## Bollards, tube Ø 108 mm

Plastic, opal, satin finish

Height H 790 mm, h 210 mm

611718.96X.79	D 108, H 790	1 x TC-DEL 18 W
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Height H 1000 mm, h 210 mm

611720.96X.79	D 108, H 1000	1 x TC-DEL 18 W
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Height H 1120 mm, h 330 mm

611721.98X.79	D 108, H 1120	1 x TC-L 24 W
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Height H 1450 mm, h 330 mm

611722.98X.79	D 108, H 1450	1 x TC-L 24 W
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## Bollards, tube Ø 150 mm

Plastic, opal, satin finish

Height H 970 mm, h 330 mm

611723.98X.79	D 150, H 970	1 x TC-L 24 W
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Height H 1300 mm, h 330 mm

611724.98X.79	D 150, H 1300	1 x TC-L 24 W
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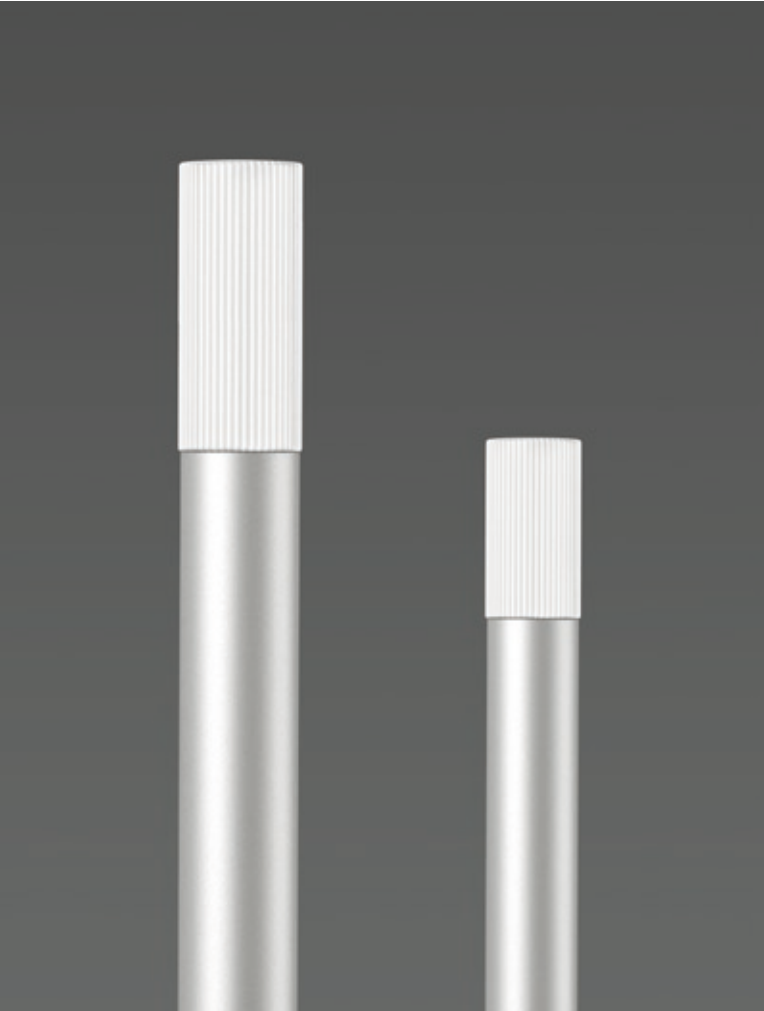
Height H 1410 mm, h 450 mm

611725.98X.79	D 150, H 1410	1 x TC-L 36 W
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Height H 1850 mm, h 450 mm

611726.98X.79	D 150, H 1850	1 x TC-L 36 W
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# CIRCLE CYL

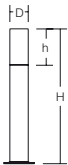
Lightswords

Type of protection: **IP 54**  
Protection class: I

Post: aluminium, powder-coated. Opal glass: mouth-blown, grooved, silk finish. Removable installation unit or junction box. Mounting plate: Ø 185 with 3 mounting holes Ø 10, pitch circle for holes Ø 150.

Available colours (X): 31 = anthracite metallic, 4 = silver metallic

Please replace X of the item no. with the requested colour code.



**Bollards, tube Ø 108 mm**

Height H 790 mm, h 210 mm		
611611.00X	D 112, H 790	1 x E27® 100 W
611612.96X.79	D 112, H 790	1 x TC-DEL 18 W
Height H 1000 mm, h 210 mm		
611613.00X	D 112, H 1000	1 x E27® 100 W
611614.96X.79	D 112, H 1000	1 x TC-DEL 18 W

**Bollards, tube Ø 150 mm**

Height H 970 mm, h 330 mm		
611617.98X.79	D 154, H 970	1 x TC-L 24 W
Height H 1300 mm, h 330 mm		
611619.98X.79	D 154, H 1300	1 x TC-L 24 W



Further luminaires of this series, see:  
Outdoor lighting | Wall luminaires



## COLUMN STAINLESS STEEL

Lightswords

Type of protection: **IP 44**

Protection class: I

Post: stainless steel. Diffuser: plastic. Junction box in post. Mounting plate: Ø 185 with 3 mounting holes Ø 10, pitch circle for holes Ø 150.

Available colours: 0 = stainless steel



### Bollards, tube Ø 108 mm

#### Height H 450 mm

612002.960.79	D 108, H 450	1 x TC-DEL 18 W
612003.950.79	D 108, H 450	1 x TC-DEL 26 W

#### Height H 1200 mm

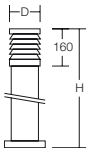
612004.960.79	D 108, H 1200	1 x TC-DEL 18 W
612005.950.79	D 108, H 1200	1 x TC-DEL 26 W



# TOWER

Lightswords

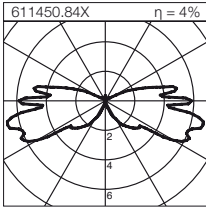
Type of protection: **IP 54**  
Protection class: II  
Aluminium, powder-coated. Opal glass: satin finish. Lamella: plastic (polycarbonate). Removable installation unit. Mounting plate: Ø 185 with 3 mounting holes Ø 10, pitch circle for holes Ø 150.  
Available colours (X): 2 = white, 31 = anthracite metallic, 4 = silver metallic  
Please replace X of the item no. with the requested colour code.



Bollards, tube Ø 108 mm			
Height H 300 mm			
611447.00X	D 122, H 300	1 x E27®	60 W
611448.92X	D 122, H 300	1 x TC-D	13 W
611448.84X	D 122, H 300	1 x TC-T	18 W
Height H 950 mm			
611449.00X	D 122, H 950	1 x E27®	60 W
611450.92X	D 122, H 950	1 x TC-D	13 W
611450.84X	D 122, H 950	1 x TC-T	18 W
with movement sensor			
611449.00X.19	D 122, H 950	1 x E27®	60 W



Platform luminaire option and with integral movement sensor





# LAMELLE

Lightswords

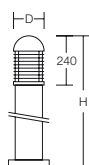
Type of protection: **IP 54**

Protection class: I

Post: aluminium, powder-coated. Glass: frosted inside. Installation unit on removable head. Mounting plate: Ø 170 with 3 mounting holes Ø 10, pitch circle for holes Ø 150.

Available colours (X): 2 = white, 3 = black, 4 = silver metallic

Please replace X of the item no. with the requested colour code.



## Bollards, tube Ø 122 mm

### Height H 450 mm

58002.00X	D 153, H 450	1 x E27® 100 W
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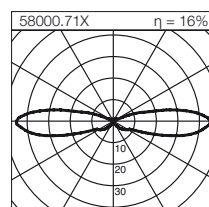
### Height H 650 mm

58001.00X	D 153, H 650	1 x E27® 100 W
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### Height H 1100 mm

58000.00X	D 153, H 1100	1 x E27® 100 W
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58000.71X	D 153, H 1100	1 x HME 80 W
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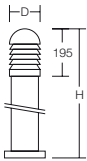




# ALU-POLLER LAMELLE

Lightswords

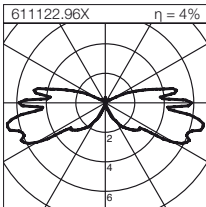
Type of protection: **IP 54**  
Protection class: II  
Post: aluminium, powder-coated. Opal glass: satin finish. Lamella: plastic (polycarbonate). Removable installation unit. Mounting plate: Ø 185 with 3 mounting holes Ø 10, pitch circle for holes Ø 150.  
Available colours (X): 2 = white, 31 = anthracite metallic, 4 = silver metallic  
Please replace X of the item no. with the requested colour code.



Bollards, tube Ø 108 mm			
Height H 335 mm			
611119.00X	D 122, H 335	1 x E27® 60 W	
611120.92X	D 122, H 335	1 x TC-D 13 W	
611120.96X	D 122, H 335	1 x TC-D 18 W	
Height H 985 mm			
611121.00X	D 122, H 985	1 x E27® 60 W	
611122.92X	D 122, H 985	1 x TC-D 13 W	
611122.96X	D 122, H 985	1 x TC-D 18 W	
with movement sensor			
611121.00X.19	D 122, H 985	1 x E27® 60 W	



Platform luminaire option and with integral movement sensor





## ALU-POLLER LATERNE

Lightswords

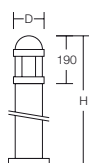
Type of protection: **IP 54**

Protection class: II

Post: aluminium, powder-coated. Opal glass: satin finish. Glass cover: plastic (polycarbonate). Removable installation unit. Mounting plate: Ø 185 with 3 mounting holes Ø 10, pitch circle for holes Ø 150.

Available colours (X): 2 = white, 31 = anthracite metallic, 4 = silver metallic

Please replace X of the item no. with the requested colour code.



### Bollards, tube Ø 108 mm

#### Height H 330 mm

611111.00X	D 122, H 330	1 x E27® 60 W
611112.92X	D 122, H 330	1 x TC-D 13 W
611112.96X	D 122, H 330	1 x TC-D 18 W

#### Height H 980 mm

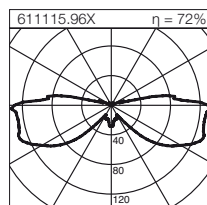
611114.00X	D 122, H 980	1 x E27® 60 W
611115.92X	D 122, H 980	1 x TC-D 13 W
611115.96X	D 122, H 980	1 x TC-D 18 W

#### with movement sensor

611114.00X.19	D 122, H 980	1 x E27® 60 W
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Platform luminaire option  
and with integral move-  
ment sensor

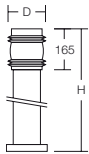




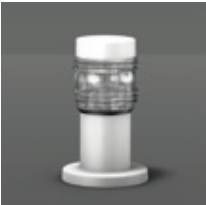
# GÜRTELLINSE

Lightswords

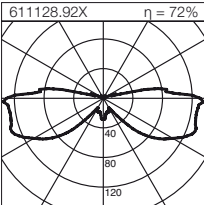
Type of protection: **IP 54**  
Protection class: II  
Post: aluminium, powder-coated. Glass: transparent, with aluminium hood, powder-coated. Removable installation unit.  
Mounting plate: Ø 185 with 3 mounting holes Ø 10, pitch circle for holes Ø 150.  
Available colours (X): 2 = white, 31 = anthracite metallic  
Please replace X of the item no. with the requested colour code.



Bollards, tube Ø 108 mm			
Height H 305 mm			
611125.00X	D 140, H 305	1 x E27®	100 W
611126.92X	D 140, H 305	1 x TC-D	13 W
Height H 955 mm			
611127.00X	D 140, H 955	1 x E27®	100 W
611128.92X	D 140, H 955	1 x TC-D	13 W
with movement sensor			
611127.00X.19	D 140, H 955	1 x E27®	100 W



Platform luminaire option and with integral movement sensor





## GLASPOLLER OPAL

Lighttowers

Type of protection: **IP 44**

Protection class: I

Post: aluminium, powder-coated. Glass: mouth-blown, opal, silk finish. Cap: metal, powder-coated. Removable installation unit.

Luminaires H 375 mm:

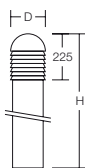
Mounting plate: aluminium, Ø 150 with 2 holes Ø 6.5. Distance: 110.

Luminaires H 1225 mm:

Mounting plate: stainless steel, Ø 120 with 3 holes Ø 9, pitch circle for holes Ø 75.

Available colours (X): 31 = anthracite metallic, 4 = silver metallic

Please replace X of the item no. with the requested colour code.



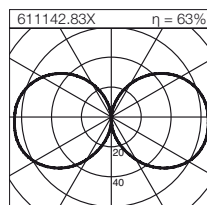
### Bollards, tube Ø 150 mm

#### Height H 375 mm

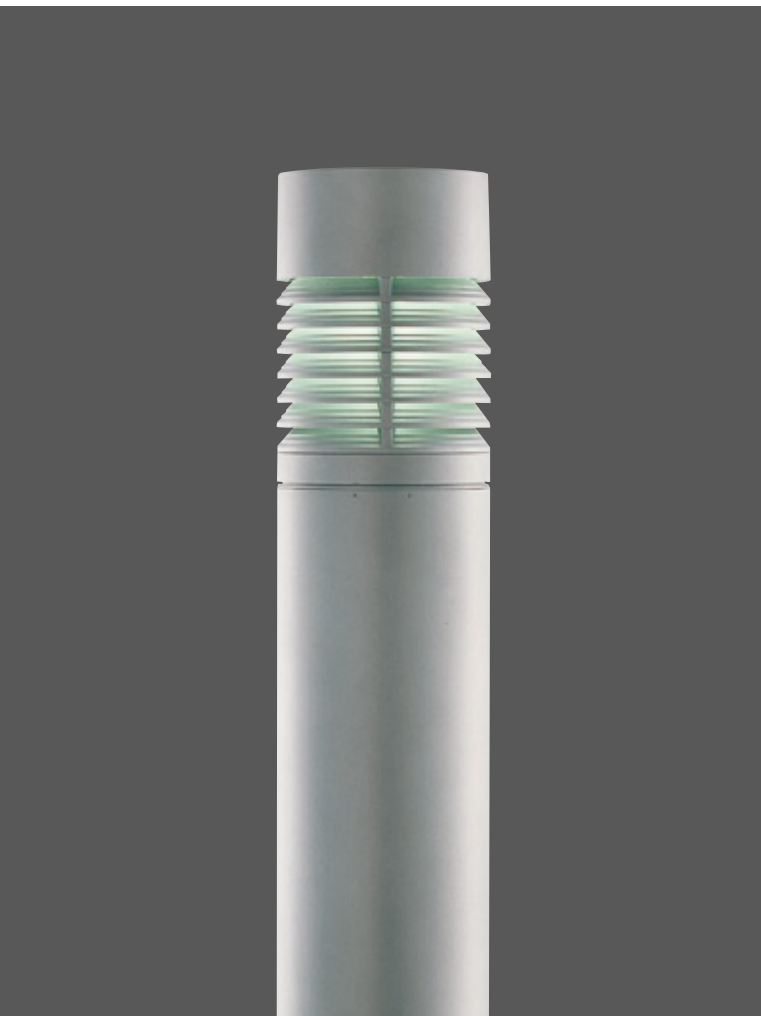
611139.00X	D 170, H 375	1 x E27® 100 W
611140.83X	D 170, H 375	1 x TC-T 26 W

#### Height H 1225 mm

611141.00X	D 170, H 1225	1 x E27® 100 W
611474.71X	D 170, H 1225	1 x HME 50 W
611475.73X	D 170, H 1225	1 x HIE, HSE 70 W
611142.83X .Q	D 170, H 1225	1 x TC-T 26 W







## POLLER 200

Lightbollards

Type of protection: **IP 66**

Protection class: I

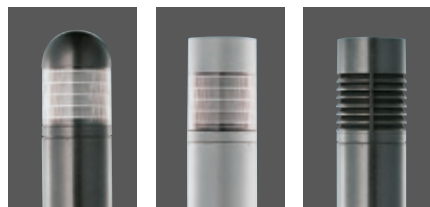
Post: aluminium, powder-coated. Refractor: plastic, transparent, prismatic (polycarbonate 5 mm). Lamellar reflector: aluminium, anodised. Cable distribution box in post. Door opening: 150 x 75. Mounting plate: Ø 200 with 3 mounting holes Ø 9, pitch circle for holes Ø 125.

Available colours (X): 31 = anthracite metallic, 4 = silver metallic

Please replace X of the item no. with the requested colour code.



Poller 200 with inner and outer lamellas



### Bollards with lamellar reflector inside

#### Height H 1050 mm

611543.71X	D 200, H 1050	1 x HME 80 W
611544.73X	D 200, H 1050	1 x HIE-P/w, HSE 70 W
611541.83X	D 200, H 1050	1 x TC-T 26 W
611545.22X	D 200, H 1050	1 x TC-TEL 42 W
611546.58X	D 200, H 1050	1 x TC-TELI 57 W

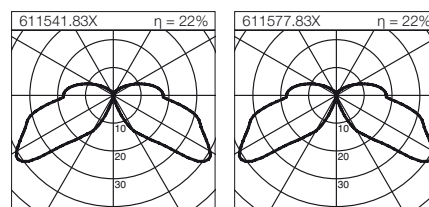
#### Height H 1040 mm

611561.71X	D 200, H 1040	1 x HME 80 W
611562.73X	D 200, H 1040	1 x HIE-P/w, HSE 70 W
611559.83X	D 200, H 1040	1 x TC-T 26 W
611563.22X	D 200, H 1040	1 x TC-TEL 42 W
611564.58X	D 200, H 1040	1 x TC-TELI 57 W

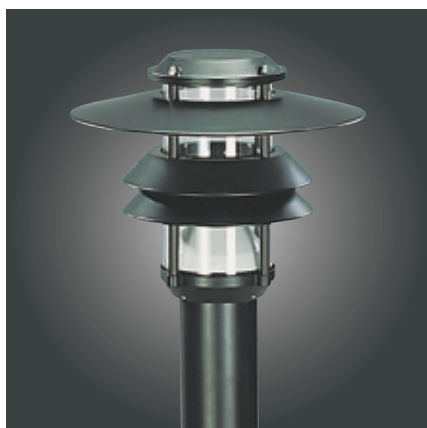
### Bollards with outer lamellas

#### Height H 1040 mm

611579.71X	D 200, H 1040	1 x HME 80 W
611580.73X	D 200, H 1040	1 x HIE-P/w, HSE 70 W
611577.83X	D 200, H 1040	1 x TC-T 26 W
611581.22X	D 200, H 1040	1 x TC-TEL 42 W
611582.58X	D 200, H 1040	1 x TC-TELI 57 W



With anti-glare lamellas



## ALU-SCANDIA

Bollards

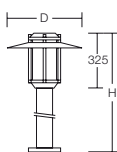
Type of protection: **IP 44**

Protection class: I

Post: aluminium, powder-coated. Cylinder: plastic, transparent. Antiglare hood: plastic (TC-D-Lp). Antiglare ring: metal (HME, HIE/w / HSE-Lp). Removable installation unit. Mounting plate: die-cast aluminium, Ø 185 with 3 holes Ø 10, pitch circle for holes Ø 150.

Available colours (X): 2 = white, 31 = anthracite metallic, 4 = silver metallic

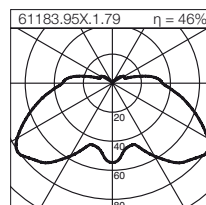
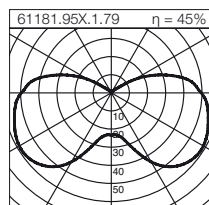
Please replace X of the item no. with the requested colour code.



**Bollards, tube Ø 108 mm**

**Height H 1350 mm**

61181.00X.1	D 400, H 1350	1 x E27® 100 W
61182.73X.1	D 400, H 1350	1 x HIE, HSE 70 W
61181.73X.1	D 400, H 1350	1 x HIE 100 W
61181.95X.1.79	D 400, H 1350	1 x TC-DEL 26 W
<b>with anti-glare lamella</b>		
61183.00X.1	D 400, H 1350	1 x E27® 100 W
61184.73X.1	D 400, H 1350	1 x HIE, HSE 70 W
61183.73X.1	D 400, H 1350	1 x HIE 100 W
61183.95X.1.79	D 400, H 1350	1 x TC-DEL 26 W





# CENTRAL PARK

Die-cast aluminium luminaires

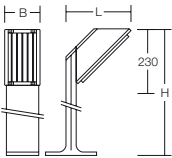
Type of protection: **IP 54**

Protection class: I

Post: aluminium, powder-coated. Opal glass: satin finish. Connecting cable through the post to the luminaire housing. Mounting plate: 220 x 195 with 2 mounting holes Ø 12 centred to 195. Distance: 170.

Available colours (X): 2 = white, 3 = black, 4 = silver metallic

Please replace X of the item no. with the requested colour code.



## Bollards

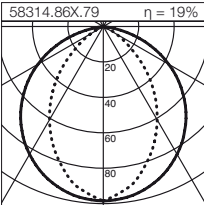
### Height H 830 mm

58313.00X	L 280, B 230, H 830	1 x E27® 150 W
58313.86X.79	L 280, B 230, H 830	1 x TC-F 36 W

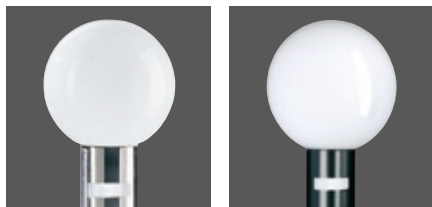
### Height H 1200 mm

58314.00X	L 280, B 230, H 1200	1 x E27® 150 W
58314.86X.79	L 280, B 230, H 1200	1 x TC-F 36 W

CENTRAL PARK in silver metallic and front view



Further luminaires of this series, see:  
Outdoor lighting | Wall luminaires



KUGEL OPAL with  
movement sensor



## KUGEL OPAL

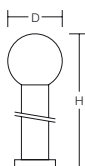
Lightswords

Type of protection: **IP 43**

Protection class: I

Post: aluminium, powder-coated or stainless steel. Cover: glass, opal, mouth-blown, silk finish, or plastic (polyethylene), opal, satin finish. Removable installation unit. Mounting plate: Ø 185 with 3 mounting holes Ø 10, pitch circle for holes Ø 150.

Available colours: 0 = stainless steel, 3 = black



### Bollards, tube aluminium Ø 108 mm

Glass, opal, silk finish

Height H 460 mm

61485.963 D 300, H 460 1 x TC-D 18 W

Height H 690 mm

61685.963 D 300, H 690 1 x TC-D 18 W

Height H 1090 mm

61535.963 D 300, H 1090 1 x TC-D 18 W

with movement sensor

61535.003.19 D 300, H 1090 1 x E27® 100 W

Plastic, opal, satin finish

Height H 460 mm

61474.963 D 300, H 460 1 x TC-D 18 W

Height H 690 mm

61674.963 D 300, H 690 1 x TC-D 18 W

Height H 1090 mm

61524.963 D 300, H 1090 1 x TC-D 18 W

with movement sensor

61524.003.19 D 300, H 1090 1 x E27® 100 W

### Bollards, tube stainless steel Ø 108 mm

Height H 440 mm

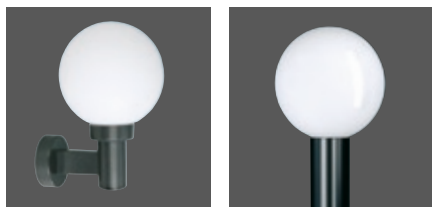
612091.960 D 300, H 440 1 x TC-D 18 W

Height H 1090 mm

612093.950 D 300, H 1090 1 x TC-D 26 W

with movement sensor

612092.000.19 D 300, H 1090 1 x E27® 100 W



Further luminaires of  
this series, see:  
Outdoor lighting |  
Wall luminaires,  
Outdoor pole luminaires



# Spotlights



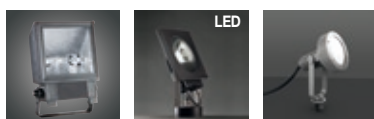
318 319 321 322



323 324 325 326



328 330 331 332



333 334 337





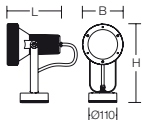




# ALU-STAR

Spotlights

Type of protection: **IP 54**  
Protection class: I  
Housing and junction box: die-cast aluminium, powder-coated. Bracket: steel, powder-coated. Safety glass: transparent, horizontal rotation range: 356°, vertical swivel range: 90°.  
Available colours (X): 31 = anthracite metallic, 4 = silver metallic  
Please replace X of the item no. with the requested colour code.

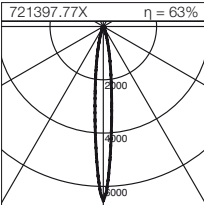


Ceiling and wall spotlights with connecting box			
without lamellar cover			
721249.00X	L 210, B 160, H 320	1 x PAR38	120 W
with lamellar cover			
721250.00X	L 230, B 160, H 320	1 x PAR38	120 W

Ceiling and wall spotlights with connecting box and gearbox			
without lamellar cover			
721313.07X	L 210, B 350, H 270	1 x QR111	100 W
721317.77X	L 210, B 350, H 270	1 x HIT (d21mm)	70 W/27°
721397.77X	L 210, B 350, H 270	1 x HIT-CE	35 W/11°
721314.83X.79	L 210, B 350, H 270	1 x TC-TEL	26 W/89°



ALU-STAR with gear box







## LIGHTSTREAM ROUND-TYPE®

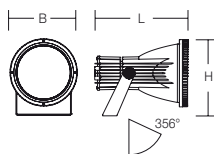
### Spotlights

Type of protection: **IP 67**

Protection class: I

Housing: die-cast aluminium, powder-coated. Mounting bracket: stainless steel, with adjustment device. Safety glass: transparent. Reflector: aluminium, highly polished anodised finish. Terminal block: 5 x 2.5 mm<sup>2</sup>. M20 x 1.5 cable inlet and 1 x blind plug.

Available colours: 4 = silver metallic



### Spotlights

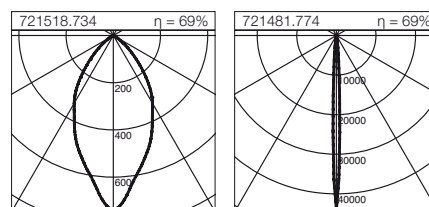
#### Flood

721518.734	L 506, B 367, H 414	1 x HIE 250 W/50°
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#### Spot

721481.774*	L 506, B 367, H 414	1 x HIT 150 W/4°
721518.774	L 506, B 367, H 414	1 x HIT-CE 250 W/6°
721519.774	L 506, B 367, H 414	1 x HIT-CE 400 W/8°

\* With EB as standard









## LIGHTSTREAM BOX-TYPE® MIDI

Spotlights

Type of protection: **IP 65**

Protection class: I

Housing: die-cast aluminium, powder-coated.

Mounting bracket: stainless steel. Safety

glass: transparent. Reflector: textured, highly

polished anodised finish. Connection cable

can be looped (2 x M20 x 1.5). 3-pole screw

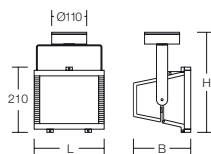
terminal, 6 mm<sup>2</sup>. Separate earthing conductor.

Available colours (X): 2 = white,

31 = anthracite metallic, 4 = silver metallic

Please replace X of the item no. with the

requested colour code.



Flood, with triangular bracket,

⊗ ball impact proof in accordance with DIN 18032-03

Beam angle  $\beta$  54°/54°/51°/43°

721105.83X	L 225, B 220, H 240	1 x TC-T 26 W
721106.81X*	L 225, B 220, H 240	1 x TC-TEL 26/32 W

Flood, with connecting box

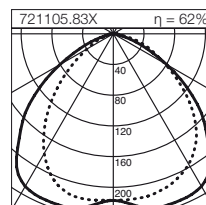
Beam angle  $\beta$  54°/54°/51°/43°

721331.83X	L 225, B 195, H 290	1 x TC-T 26 W
721276.81X	L 225, B 195, H 290	1 x TC-TEL 26/32 W

\* With EB as standard



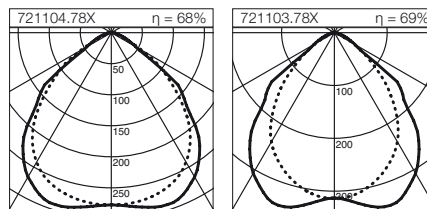
BOX-TYPE® MIDI with  
connecting box



.79 = With EB | .Q = Quick service (stock articles)

Specifications subject to alteration. Other options and accessories can be found in the current product selection guide or in the Internet under [www.rzb-lighting.com](http://www.rzb-lighting.com)





## LIGHTSTREAM BOX-TYPE® MIDI

Spotlights

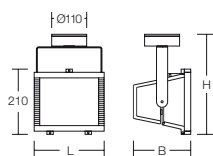
Type of protection: **IP 65**

Protection class: I

Housing and junction box: die-cast aluminium, powder-coated. Mounting bracket: stainless steel. Safety glass: transparent. Reflector: textured, highly polished anodised finish. 3-pole screw terminal, 6 mm<sup>2</sup>. Separate earthing conductor.

Available colours (X): 2 = white, 31 = anthracite metallic, 4 = silver metallic

Please replace X of the item no. with the requested colour code.



**Flood symmetrical, with triangular bracket,**  
 ☉ ball impact proof in accordance with DIN 18032-03

**Beam angle β 101°/94°**

721104.78X .Q	L 225, B 220, H 240	1 x HIT-DE-CE, HST-DE 150 W
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**Beam angle β 97°/81°**

721103.78X .Q	L 225, B 220, H 240	1 x HIT-DE-CE, HST-DE 70 W
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**Flood symmetrical, with connecting box**

**Beam angle β 100°/94°**

721275.78X	L 225, B 195, H 290	1 x HIT-DE-CE, HST-DE 150 W
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**Beam angle β 97°/80°**

721274.78X	L 225, B 195, H 290	1 x HIT-DE-CE, HST-DE 70 W
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**Flood asymmetric, with triangular bracket,**  
 ☉ ball impact proof in accordance with DIN 18032-03

**Beam angle β 59°/20°/38°/38°**

721108.78X	L 225, B 220, H 240	1 x HIT-DE-CE, HST-DE 70 W
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721109.78X	L 225, B 220, H 240	1 x HIT-DE-CE, HST-DE 150 W
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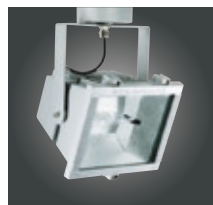
**Flood asymmetric, with connecting box**

**Beam angle β 59°/20°/38°/38°**

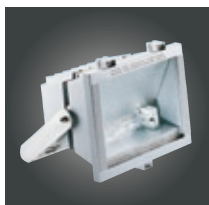
721277.78X	L 225, B 195, H 290	1 x HIT-DE-CE, HST-DE 70 W
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721278.78X	L 225, B 195, H 290	1 x HIT-DE-CE, HST-DE 150 W
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BOX-TYPE® MIDI with connecting box



BOX-TYPE® MIDI, with asymmetric reflector and with connecting box





## LIGHTSTREAM BOX-TYPE® MIDI

Spotlights

Type of protection: **IP 65**

Protection class: I

Housing: die-cast aluminium, powder-coated.

Mounting bracket: stainless steel. Safety

glass: transparent. Lamp shutter: fine cor-

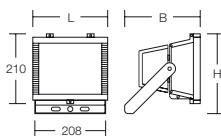
rugated metal, silver anodised. Connection cable can be looped (2 x M20 x 1.5). 3-pole screw terminal, 6 mm<sup>2</sup>. Separate earthing conductor.

Available colours (X):

2 = white, 31 = anthracite metallic,

4 = silver metallic

Please replace X of the item no. with the requested colour code.



Spot, with triangular bracket,

⊗ ball impact proof in accordance with DIN 18032-03

721110.00X	L 225, B 220, H 240	1 x QR111 100 W
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Mediumspot reflector, with triangular bracket,

⊗ ball impact proof in accordance with DIN 18032-03

Beam angle  $\beta$  27°

721113.78X	L 225, B 220, H 240	1 x HIT-DE-CE, HST-DE 70 W
721238.78X	L 225, B 220, H 240	1 x HIT-DE-CE, HST-DE 150 W

Superspot reflector, with triangular bracket,

⊗ ball impact proof in accordance with DIN 18032-03

Beam angle  $\beta$  12°

721237.78X	L 225, B 220, H 240	1 x HIT-DE-CE, HST-DE 150 W
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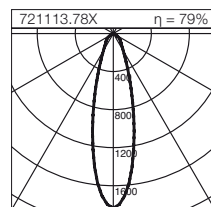
Beam angle  $\beta$  9°

721229.78X	L 225, B 220, H 240	1 x HIT-DE-CE, HST-DE 70 W
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BOX-TYPE® MIDI

Mediumspot and Superspot



.79 = With EB | .Q = Quick service (stock articles)

Specifications subject to alteration. Other options and accessories can be found in the current product selection guide or in the Internet under [www.rzb-lighting.com](http://www.rzb-lighting.com)



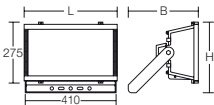


# LIGHTSTREAM BOX-TYPE® MAXI

Spotlights

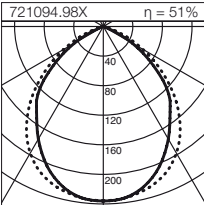
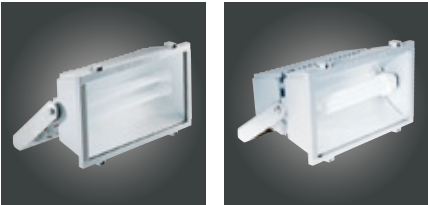


Type of protection: **IP 65**  
Protection class: I  
Housing: die-cast aluminium, powder-coated.  
Mounting bracket: stainless steel. Safety glass: transparent. Reflector: textured, highly polished anodised finish. Connection cable can be looped (2 x M20 x 1.5). 3-pole screw terminal, 6 mm<sup>2</sup>. Separate earthing conductor.  
Available colours (X): 31 = anthracite metallic, 4 = silver metallic  
Please replace X of the item no. with the requested colour code.



<b>Flood,</b> ⊛ ball impact proof in accordance with DIN 18032-03			
<b>Beam angle β 82°/101°</b>			
721095.22X	L 420, B 320, H 320	2 x TC-TEL	42 W
<b>Beam angle β 92°/98°</b>			
721094.98X	L 420, B 320, H 320	2 x TC-L	24 W
<b>Beam angle β 73°/97°</b>			
721096.76X	L 420, B 320, H 320	1 x QT-DE12	1500 W
<b>Beam angle β 79°/95°</b>			
721052.76X	L 420, B 320, H 320	1 x QT-DE12	1000 W

Left: TC-L option, Right: TC-TEL option





## LIGHTSTREAM BOX-TYPE® MAXI

Spotlights

Type of protection: **IP 65**

Protection class: I

Housing: die-cast aluminium, powder-coated.

Mounting bracket: stainless steel. Safety

glass: transparent. Reflector: textured, highly

polished anodised finish. Connection cable

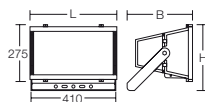
can be looped (2 x M20 x 1.5). 3-pole screw

terminal, 6 mm<sup>2</sup>. Separate earthing conductor.

Available colours (X): 31 = anthracite metallic,

4 = silver metallic

Please replace X of the item no. with the requested colour code.



**Flood,**

⊗ ball impact proof in accordance with DIN 18032-03

**Beam angle β 77°/96°**

721091.78X L 420, B 320, H 320 1 x HIT-DE, HST-DE 400 W

**Beam angle β 79°/91°**

721090.78X L 420, B 320, H 320 1 x HIT-DE 250 W

**Beam angle β 86°/111°**

721092.72X L 420, B 320, H 320 1 x HIT, HST 250 W

721093.72X L 420, B 320, H 320 1 x HIT, HST 400 W

**Flood asymmetric,**

⊗ ball impact proof in accordance with DIN 18032-03

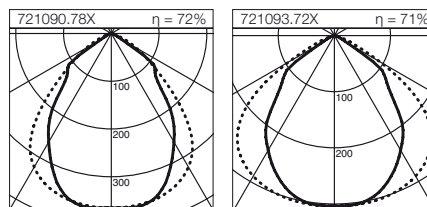
**Beam angle β 60°/12°/41°/41°**

721226.78X L 420, B 320, H 320 1 x HIT-DE 250 W

721393.78X L 420, B 320, H 320 1 x HIT-DE, HST-DE 400 W



With asymmetric reflector



.79 = With EB | .Q = Quick service (stock articles)

Specifications subject to alteration. Other options and accessories can be found in the current product selection guide or in the Internet under [www.rzb-lighting.com](http://www.rzb-lighting.com)

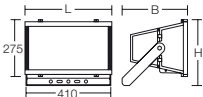


# LIGHTSTREAM BOX-TYPE® MAXI

Spotlights



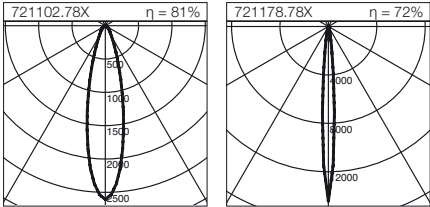
Type of protection: **IP 65**  
Protection class: I  
Housing: die-cast aluminium, powder-coated.  
Mounting bracket: stainless steel. Safety glass: transparent. Reflector: aluminium, highly polished anodised finish. Lamp shutter: fine corrugated metal, silver anodised. Connection cable can be looped (2 x M20 x 1.5). 3-pole screw terminal, 6 mm<sup>2</sup>. Separate earthing conductor.  
Available colours (X): 31 = anthracite metallic, 4 = silver metallic  
Please replace X of the item no. with the requested colour code.

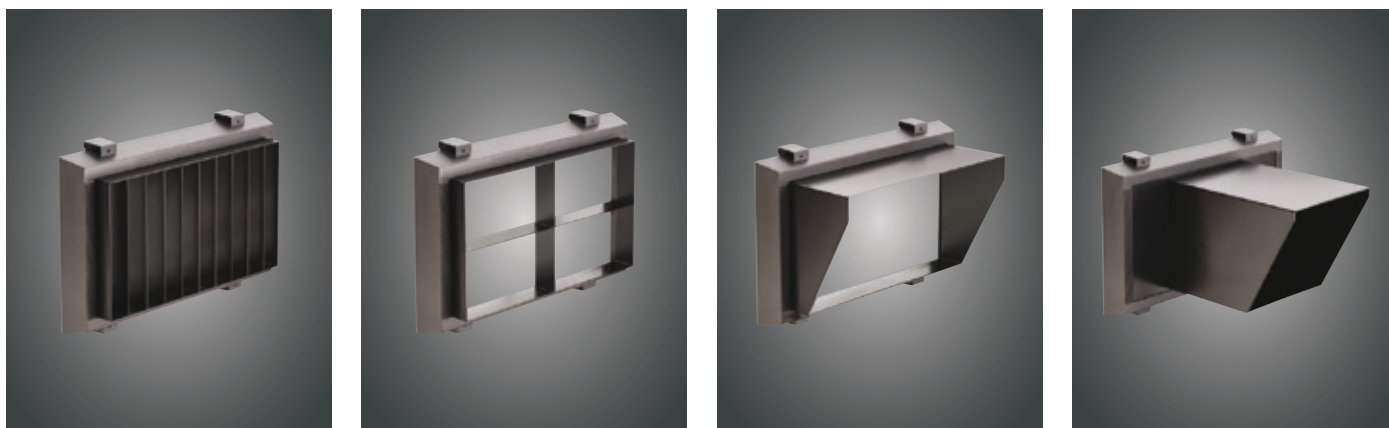


<b>Spot,</b> ⚡ ball impact proof in accordance with DIN 18032-03			
<b>Mediumspot reflector, Beam angle β 24°</b>			
721102.78X	L 420, B 320, H 320	1 x HIT-DE-CE, HST-DE	150 W
<b>Superspot reflector, Beam angle β 8°</b>			
721178.78X	L 420, B 320, H 320	1 x HIT-DE-CE, HST-DE	150 W
<b>Superspot reflector, Beam angle β 10°</b>			
721179.78X	L 420, B 320, H 320	1 x HIT-DE	250 W



Superspot HIT-DE





## BOX-TYPE® Frame attachment / Colour filter

### Accessories

#### Frame attachment

Frame: die-cast aluminium, powder-coated.  
Spring fastening system.

Available colour: 3 = black

#### Frame attachment with lamellar louvre, Lamella: aluminium

##### for Lightstream Box Type® Midi

981181.003 L 240, B 225, H 87

##### for Lightstream Box Type® Maxi

981182.003 L 433, B 290, H 87

#### Frame attachment with anti-glare screen, Anti-dazzle screen: aluminium

##### for Lightstream Box Type® Midi

981184.003 L 240, B 225, H 87

##### for Lightstream Box Type® Maxi

981185.003 L 433, B 290, H 87

#### Frame attachment with bezel, Shield: aluminium

##### for Lightstream Box Type® Midi

981189.003 L 240, B 225, H 170

##### for Lightstream Box Type® Maxi

981190.003 L 433, B 290, H 190

#### Frame attachment with anti-glare shield, Shield: aluminium, for Spotlights with Spot-reflector

##### for Lightstream Box Type® Midi

981186.003 L 240, B 225, H 285

##### for Lightstream Box Type® Maxi

981187.003 L 433, B 290, H 345

#### Frame attachment with articulated bezel, Articulated bezel: sheet aluminium, adjustable

##### for Lightstream Box Type® Midi

981197.003 L 240, B 225, H 160

##### for Lightstream Box Type® Maxi

981198.003 L 433, B 290, H 220

#### Frame attachment for colour filters

##### for Lightstream Box Type® Midi

981178.003 L 240, B 225, H 58

##### for Lightstream Box Type® Maxi

981179.003 L 433, B 290, H 58

#### Colour filter

Can only be used in conjunction with the frame attachment.

Frame: aluminium, powder-coated, black. Safety glass: coloured.

Available colours:

6 = blue, 7 = yellow, 8 = red, 77 = green

Available colours: 3 = black

#### Colour filter

##### for Lightstream Box Type® Midi

981194.00X L 212, B 176, H 12

##### for Lightstream Box Type® Maxi

981195.00X L 412, B 242, H 12



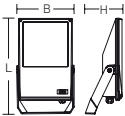


# LIGHTSTREAM FLAT-TYPE® MINI

Spotlights

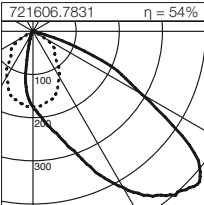


Type of protection: **IP 65**  
Protection class: I  
Housing and cover: die-cast aluminium, powder-coated. Mounting bracket: steel, powder-coated Safety glass, transparent. Reflector: aluminium, textured, highly polished anodised finish. Connection cable (1 x M20 x 1,5). 3-pole screw terminal 6 mm<sup>2</sup>, separate earth wire. With integral control gear, compensated.



<b>Flood, asymmetric</b>		
<b>Beam angle <math>\beta</math> 67°/38°/0°/35°</b>		
721605.78X31	L 406, B 230, H 83	1 x HIT-DE-CE, HST-DE 70 W
<b>Beam angle <math>\beta</math> 62°/38°/0°/38°</b>		
721606.7831	L 406, B 230, H 83	1 x HIT-DE-CE, HST-DE 150 W

Available colours: 31 = anthracite metallic









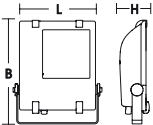


# LIGHTSTREAM FLAT-TYPE® II MIDI

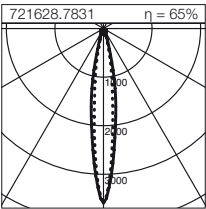
Spotlights



Type of protection: **IP 65**  
Protection class: I  
Housing: die-cast aluminium, powder-coated.  
Mounting bracket: aluminium, powder-coated.  
Safety glass: transparent. Reflector: textured, highly polished anodised finish.  
Available colours: 31 = anthracite metallic



Flood symmetrical			
721622.7831	L 380, B 430, H 120	1 x HIT-DE-CE, HST-DE	70 W
721622.7831.28	L 380, B 430, H 120	1 x HIT-DE-CE, HST-DE	70 W
721623.7831	L 380, B 430, H 120	1 x HIT-DE-CE, HST-DE	150 W
721623.7831.28	L 380, B 430, H 120	1 x HIT-DE-CE, HST-DE	150 W
Flood asymmetric			
721625.7831	L 380, B 430, H 120	1 x HIT-DE-CE, HST-DE	70 W
721625.7831.28	L 380, B 430, H 120	1 x HIT-DE-CE, HST-DE	70 W
721626.7831	L 380, B 430, H 120	1 x HIT-DE-CE, HST-DE	150 W
721626.7831.28	L 380, B 430, H 120	1 x HIT-DE-CE, HST-DE	150 W
Spot			
721627.7831	L 380, B 430, H 120	1 x HIT-DE-CE, HST-DE	70 W
721627.7831.28	L 380, B 430, H 120	1 x HIT-DE-CE, HST-DE	70 W
721628.7831	L 380, B 430, H 120	1 x HIT-DE-CE, HST-DE	150 W
721628.7831.28	L 380, B 430, H 120	1 x HIT-DE-CE, HST-DE	150 W





## LIGHTSTREAM FLAT-TYPE® II MAXI

Spotlights



Type of protection: **IP 65**

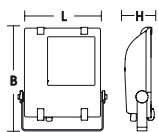
Protection class: I

Housing: die-cast aluminium, powder-coated.

Mounting bracket: aluminium, powder-coated.

Safety glass: transparent. Reflector: textured, highly polished anodised finish.

Available colours: 31 = anthracite metallic



### Flood symmetrical

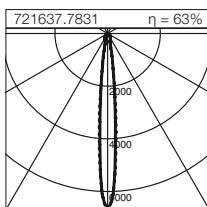
721632.7731	L 465, B 535, H 170	1 x HIT, HST 400 W
721632.7731.28	L 465, B 535, H 170	1 x HIT, HST 400 W
721629.7831	L 465, B 535, H 170	1 x HIT-DE 250 W
721629.7831.28	L 465, B 535, H 170	1 x HIT-DE 250 W
721630.7831	L 465, B 535, H 170	1 x HIT-DE, HST-DE 400 W
721630.7831.28	L 465, B 535, H 170	1 x HIT-DE, HST-DE 400 W
721631.2331	L 465, B 535, H 170	1 x HST-DE 250 W
721631.2331.28	L 465, B 535, H 170	1 x HST-DE 250 W

### Flood asymmetric

721636.7731	L 465, B 535, H 170	1 x HIT, HST 400 W
721636.7731.28	L 465, B 535, H 170	1 x HIT, HST 400 W
721633.7831	L 465, B 535, H 170	1 x HIT-DE 250 W
721633.7831.28	L 465, B 535, H 170	1 x HIT-DE 250 W
721634.7831	L 465, B 535, H 170	1 x HIT-DE, HST-DE 400 W
721634.7831.28	L 465, B 535, H 170	1 x HIT-DE, HST-DE 400 W
721635.2331	L 465, B 535, H 170	1 x HST-DE 250 W
721635.2331.28	L 465, B 535, H 170	1 x HST-DE 250 W

### Spot

721637.7831	L 465, B 535, H 170	1 x HIT-DE 250 W
721637.7831.28	L 465, B 535, H 170	1 x HIT-DE 250 W



.79 = With EB | .28 = Parallel compensation | .Q = Quick service (stock articles)

Specifications subject to alteration. Other options and accessories can be found in the current product selection guide or in the Internet under [www.rzb-lighting.com](http://www.rzb-lighting.com)



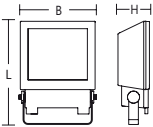


# LIGHTSTREAM FLAT-TYPE® DE LUXE MIDI

Spotlights



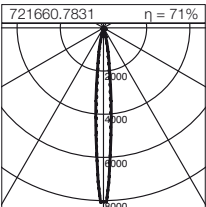
Type of protection: **IP 65**  
Protection class: I  
Housing: die-cast aluminium, powder-coated.  
Mounting bracket: aluminium, powder-coated.  
Safety glass: transparent. Reflector: textured, highly polished anodised finish.  
Available colours: 31 = anthracite metallic



Flood symmetrical			
721655.7831	L 320, B 435, H 135	1 x HIT-DE-CE, HST-DE	70 W
721655.7831.28	L 320, B 435, H 135	1 x HIT-DE-CE, HST-DE	70 W
721656.7831	L 320, B 435, H 135	1 x HIT-DE-CE, HST-DE	150 W
721656.7831.28	L 320, B 435, H 135	1 x HIT-DE-CE, HST-DE	150 W

Flood asymmetric			
721658.7831	L 320, B 435, H 135	1 x HIT-DE-CE, HST-DE	70 W
721658.7831.28	L 320, B 435, H 135	1 x HIT-DE-CE, HST-DE	70 W
721659.7831	L 320, B 435, H 135	1 x HIT-DE-CE, HST-DE	150 W
721659.7831.28	L 320, B 435, H 135	1 x HIT-DE-CE, HST-DE	150 W

Spot			
721660.7831	L 320, B 435, H 135	1 x HIT-DE-CE	70 W
721660.7831.28	L 320, B 435, H 135	1 x HIT-DE-CE	70 W
721661.7831	L 320, B 435, H 135	1 x HIT-DE-CE	150 W
721661.7831.28	L 320, B 435, H 135	1 x HIT-DE-CE	150 W





## LIGHTSTREAM FLAT-TYPE® DE LUXE MAXI

Spotlights



Type of protection: **IP 65**

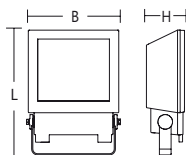
Protection class: I

Housing: die-cast aluminium, powder-coated.

Mounting bracket: aluminium, powder-coated.

Safety glass: transparent. Reflector: textured, highly polished anodised finish.

Available colours: 31 = anthracite metallic



### Flood symmetrical

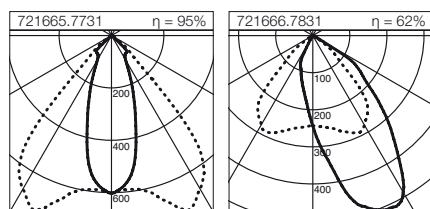
721665.7731	L 420, B 565, H 185	1 x HIT, HST 400 W
721665.7731.28	L 420, B 565, H 185	1 x HIT, HST 400 W
721662.7831	L 420, B 565, H 185	1 x HIT-DE 250 W
721662.7831.28	L 420, B 565, H 185	1 x HIT-DE 250 W
721663.7831	L 420, B 565, H 185	1 x HIT-DE, HST-DE 400 W
721663.7831.28	L 420, B 565, H 185	1 x HIT-DE, HST-DE 400 W
721664.2331	L 420, B 565, H 185	1 x HST-DE 250 W
721664.2331.28	L 420, B 565, H 185	1 x HST-DE 250 W

### Flood asymmetric

721669.7731	L 420, B 565, H 185	1 x HIT, HST 400 W
721669.7731.28	L 420, B 565, H 185	1 x HIT, HST 400 W
721666.7831	L 420, B 565, H 185	1 x HIT-DE 250 W
721666.7831.28	L 420, B 565, H 185	1 x HIT-DE 250 W
721667.7831	L 420, B 565, H 185	1 x HIT-DE, HST-DE 400 W
721667.7831.28	L 420, B 565, H 185	1 x HIT-DE, HST-DE 400 W
721668.2331	L 420, B 565, H 185	1 x HST-DE 250 W
721668.2331.28	L 420, B 565, H 185	1 x HST-DE 250 W

### Spot

721670.7831	L 420, B 565, H 185	1 x HIT-DE 250 W
721670.7831.28	L 420, B 565, H 185	1 x HIT-DE 250 W



.79 = With EB | .28 = Parallel compensation | .Q = Quick service (stock articles)

Specifications subject to alteration. Other options and accessories can be found in the current product selection guide or in the Internet under [www.rzb-lighting.com](http://www.rzb-lighting.com)



## PRIZE-WINNING INDIVIDUALIST

One of the salient traits of individuals with a strong personality is that they cope skillfully with daily challenges and integrate themselves into their environment in a manner that is fully consistent with and does not brook any compromise with their own personality. And so it is with our SLOPIA luminaires: stylish projectors that meet the highest design standards thanks to their extremely shallow and beautifully shaped spotlight element, while at the same time they impeccably fulfill their intended purpose, which is to provide masterful illumination.



reddot design award  
winner 2011



## SLOPIA®

Spotlights

Type of protection: **IP 65**

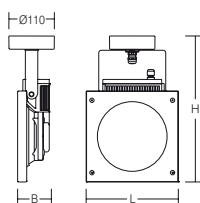
Protection class: I

LED

Housing, housing cover, front frame and junction box: die-cast aluminium. Projector: horizontal rotation range: 360°, vertical swivel range: 90°. Integrated luminaire equipment. Mounting bracket, stainless steel. Safety glass: transparent. Module element with double reflector system: aluminium, highly polished anodised finish.

Standard Gore™ Protective Vents diaphragm valve for reduction of condensation

Available colours: 31 = anthracite metallic



## Spotlights

with junction box for ceiling and wall mounting

## Asymmetrical light distribution

721602.2631	L 224, B 110, H 360	1 x HIT-TC-CE 20 W
721567.2631	L 224, B 110, H 360	1 x HIT-TC-CE 35 W

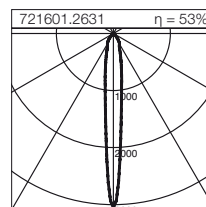
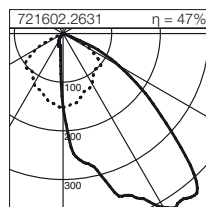
## Symmetrical light distribution

721600.00X	L 224, B 110, H 360	4 x LED 3,6 W 5400 K
721601.2631	L 224, B 110, H 360	1 x HIT-TC-CE 20 W
721565.2631	L 224, B 110, H 360	1 x HIT-TC-CE 35 W



Further luminaires of this series, see:

Outdoor lighting | Wall luminaires, Bollards, Outdoor pole luminaires











with anti-glare lamella



## ALU-STAR, FREE STANDING

Garden spotlights

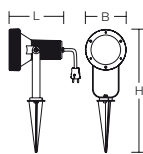
Type of protection: **IP 54**

Protection class: I

Housing and earth spike: die-cast aluminium, powder-coated. Mounting bracket: steel, powder-coated. Safety glass: transparent. Swivel range: 90° vertical. 5 m power supply cable with mains plug.

Available colours (X): 31 = anthracite metallic, 4 = silver metallic

Please replace X of the item no. with the requested colour code.



### Garden spotlight with earth spike

#### without lamellar cover

721251.00X*	L 210, B 160, H 500	1 x PAR38 120 W
-------------	---------------------	-----------------

#### with lamellar cover

721252.00X .Q*	L 230, B 160, H 500	1 x PAR38 120 W
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### Garden spotlight with earth spike and gear box

#### without lamellar cover

721307.07X	L 210, B 230, H 430	1 x QR111 100 W
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721311.77X	L 210, B 230, H 430	1 x HIT (d21mm) 70 W/27°
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721407.77X	L 210, B 230, H 430	1 x HIT-CE 35 W/27°
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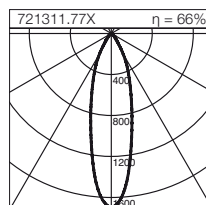
#### with lamellar cover

721320.83X.79	L 230, B 230, H 430	1 x TC-TEL 26 W/89°
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\* Alternative LED lamps from various manufacturers are available for all reflector lamps.



ALU-STAR non station-ary with earth spike and gear box



.79 = With EB | .Q = Quick service (stock articles)

Specifications subject to alteration. Other options and accessories can be found in the current product selection guide or in the Internet under [www.rzb-lighting.com](http://www.rzb-lighting.com)

# Outdoor pole luminaires



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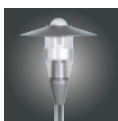
342



343



344



345



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347



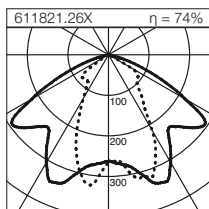
348











SLOPIA SKY Twin with 1 spot module in 120° and 180° extensions



## SLOPIA® SKY

Outdoor pole luminaires

Type of protection: **IP 65**

Protection class: I

Housing: extruded aluminium, powder-coated; pole top: aluminium cast alloy, powder-coated; housing covers: die-cast aluminium, powder-coated; safety glass: transparent. Module inserts HIT-TC-CE aluminium, highly polished anodised finish. Standard Gore™ Protective Vents diaphragm valve for reduction of condensation

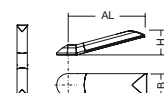
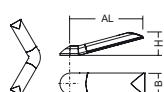
Available colours (X):

31 = anthracite metallic, 4 = silver metallic

Please replace X of the item no. with the requested colour code.

Further luminaires of this series, see:

Outdoor lighting | Spotlights, Wall luminaires, Bollards



**Slopia Sky Twin, with 1 module, 120° extension**  
with wide beam reflector, beam angle  $\beta$  61°/61°/30°/22°  
611821.26X B 220, H 190, AL 550 2 x HIT-TC-CE 35 W

**Slopia Sky Twin, with 2 modules, 120° extension**  
with wide beam reflector, beam angle  $\beta$  61°/61°/30°/22°  
611823.26X B 220, H 245, AL 760 4 x HIT-TC-CE 35 W

**Slopia Sky Twin, with 1 module, 180° extension**  
with wide beam reflector, beam angle  $\beta$  61°/61°/30°/22°  
611825.26X L 1100, B 220, H 190, AL 550 2 x HIT-TC-CE 35 W

**Slopia Sky Twin, with 2 modules, 180° extension**  
with wide beam reflector, beam angle  $\beta$  61°/61°/30°/22°  
611827.26X L 1520, B 220, H 245, AL 760 4 x HIT-TC-CE 35 W

Luminaire tilted horizontally 10° upwards via pole top connection; 2 module brackets; mains supply via supply cable; pole top designed for accommodation of flanges for various spigot sizes. Spigot flanges need to be ordered separately.

### Modules

#### Pole top flange for Slopia Sky series pole luminaires

90-6054.00X	D 148, H 60 mm	for 60 mm pole diameter
90-6055.00X	D 148, H 60 mm	for 76 mm pole diameter
90-6056.00X	D 148, H 60 mm	for 90 mm pole diameter



# SLOPIA® SKY

Outdoor pole luminaires

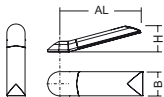
Type of protection: **IP 65**  
Protection class: I

Housing: extruded aluminium, powder-coated; pole top: aluminium cast alloy, powder-coated; housing covers: die-cast aluminium, powder-coated; safety glass: transparent. Module inserts HIT-TC-CE aluminium, highly polished anodised finish.

Standard Gore™ Protective Vents diaphragm valve for reduction of condensation

Available colours (X):  
31 = anthracite metallic, 4 = silver metallic

Please replace X of the item no. with the requested colour code.



<b>Slopia Sky Mono, with 1 module</b>		
<b>with wide beam reflector, beam angle β 61°/61°/30°/22°</b>		
611817.26X	B 220, H 190, AL 550	1 x HIT-TC-CE 35 W

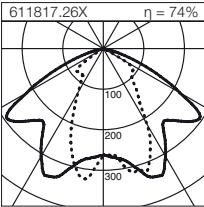
<b>Slopia Sky Mono, with 2 modules</b>		
<b>with wide beam reflector, beam angle β 61°/61°/30°/22°</b>		
611819.26X	B 220, H 245, AL 760	2 x HIT-TC-CE 35 W

Luminaire tilted horizontally 10° upwards via pole top connection; 1 module bracket; mains supply via supply cable; pole top designed for accomodation of flanges for various spigot sizes. Spigot flanges need to be ordered separately.

<b>Modules</b>		
<b>Pole top flange for Slopia Sky series pole luminaires</b>		
90-6054.00X	D 148, H 60 mm	for 60 mm pole diameter
90-6055.00X	D 148, H 60 mm	for 76 mm pole diameter
90-6056.00X	D 148, H 60 mm	for 90 mm pole diameter



SLOPIA SKY Mono  
with 1 spot module







## SLOPIA® SKY

Outdoor pole luminaires

Type of protection: **IP 65**

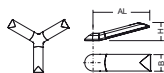
Protection class: I

Housing: extruded aluminium, powder-coated; pole top: aluminium cast alloy, powder-coated; housing covers: die-cast aluminium, powder-coated; safety glass: transparent. Module inserts HIT-TC-CE aluminium, highly polished anodised finish.

Standard Gore™ Protective Vents diaphragm valve for reduction of condensation

Available colours (X): 2 = white, 31 = anthracite metallic, 4 = silver metallic

Please replace X of the item no. with the requested colour code.



**Slopia Sky Trio, with 1 module, 120° extension**  
with wide beam reflector, beam angle  $\beta$  61°/61°/30°/22°

611829.26X B 220, H 190, AL 550 3 x HIT-TC-CE 35 W

**Slopia Sky Trio, with 2 modules, 120° extension**  
with wide beam reflector, beam angle  $\beta$  61°/61°/30°/22°

611802.26X B 220, H 190, AL 550 6 x HIT-TC-CE 35 W

Luminaire tilted horizontally 10° upwards via pole top connection; 3 module brackets; mains supply via supply cable; pole top designed for accommodation of flanges for various spigot sizes. Spigot flanges need to be ordered separately.

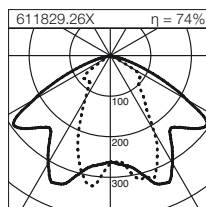
### Modules

#### Pole top flange for Slopia Sky series pole luminaires

90-6054.00X	D 148, H 60 mm	for 60 mm pole diameter
90-6055.00X	D 148, H 60 mm	for 76 mm pole diameter
90-6056.00X	D 148, H 60 mm	for 90 mm pole diameter



SLOPIA SKY Trio  
with 1 spot module







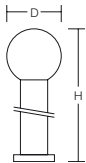
# KUGEL OPAL

Outdoor pole luminaires

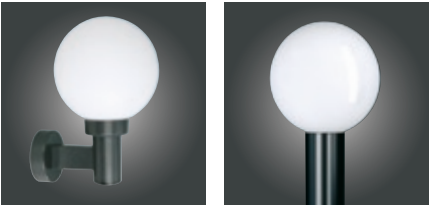
Type of protection: **IP 43**  
Protection class: I

Post: aluminium, powder-coated. Opal glass: mouth-blown, silk finish. Removable installation unit. Mounting plate: with 3 mounting holes Ø 10, pitch circle for holes Ø 150.

Available colours: 3 = black



Pole luminaires, tube Ø 108 mm		
61785.00X	D 300, H 1990	1 x E27® 100 W
61785.963	D 300, H 1990	1 x TC-D 18 W



Further luminaires of this series, see:  
Outdoor lighting |  
Wall luminaires, Bollards



## SCANDIA CITY

Outdoor pole luminaires

Type of protection: **IP 65**

Protection class: II

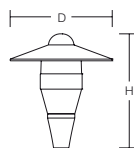
Housing: plastic (polycarbonate), anthracite.

Cover: plastic (PMMA), transparent.

With ant glare ring: aluminium, mirror finish.

Shield: aluminium, white on the inside, anthracite, powder-coated on the outside.

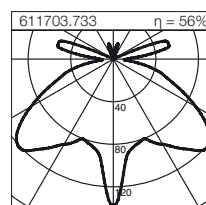
Available colours: 3 = anthracite

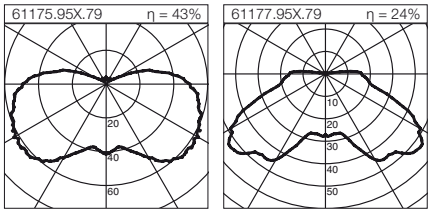


### Luminaires for pole top Ø 60 mm

611702.713*	D 660, H 670	1 x HME 80 W
611703.733	D 660, H 670	1 x HIE, HSE 70 W
611701.223	D 660, H 670	1 x TC-TEL 26/32/42 W

\* Can be converted to 50 Watt on site. Luminaires for pole top Ø 76 mm on request

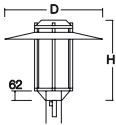




# ALU-SCANDIA

Outdoor pole luminaires

Type of protection: **IP 44**  
Protection class: I  
Housing: aluminium, powder-coated.  
Cylinder: plastic, transparent. Antiglare hood: plastic (TC-D-Lp). Antiglare ring: metal (HME, HIE/w /HSE-Lp).  
Available colours (X): 2 = white, 31 = anthracite metallic, 4 = silver metallic  
Please replace X of the item no. with the requested colour code.



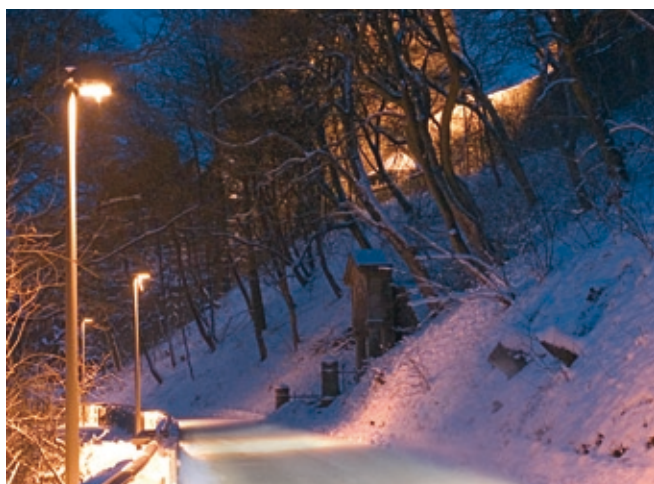
Luminaires for pole top Ø 60 mm		
61175.00X	D 500, H 415	1 x E27® 100 W
61175.71X	D 500, H 415	1 x HME 80 W
61176.73X	D 500, H 415	1 x HIE, HSE 70 W
61175.73X	D 500, H 415	1 x HIE 100 W
61175.95X.79	D 500, H 415	1 x TC-DEL 26 W
with external anti-glare rings		
61177.00X	D 500, H 415	1 x E27® 100 W
61177.71X	D 500, H 415	1 x HME 80 W
61178.73X	D 500, H 415	1 x HIE, HSE 70 W
61177.73X	D 500, H 415	1 x HIE 100 W
61177.95X.79	D 500, H 415	1 x TC-DEL 26 W



ALU-SCANDIA lamella option

Further luminaires of this series, see:  
Outdoor lighting | Wall luminaires, Bollards





## LIGHT CASE

Outdoor pole luminaires

Type of protection: **IP 54**

Protection class: I

Housing: sheet steel, powder-coated.

Removable frame: aluminium, powder-coated.

Safety glass: transparent. Hinges: stainless steel. Reflector: aluminium. One cable inlet with strain relief (M20 x 1.5). Integrated luminaire equipment. Attachment for compensation condenser provided.

Available colours: 3 = black



### Luminaires for pole top Ø 76 mm

#### symmetrical

901043.733	L 426, B 300, H 217	1 x HIE 100 W
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901042.733	L 426, B 300, H 217	1 x HSE 70 W
------------	---------------------	--------------

#### asymmetric

901046.733	L 426, B 300, H 217	1 x HIE, HSE 70 W
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901045.733	L 426, B 300, H 217	1 x HIE 100 W
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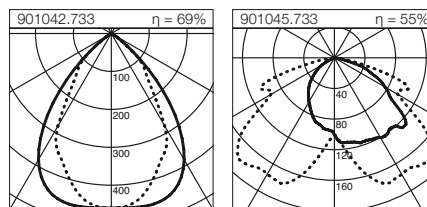
901066.813*	L 426, B 300, H 217	2 x TC-TEL 26/32 W
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\* With EB as standard



Further luminaires of this series, see:

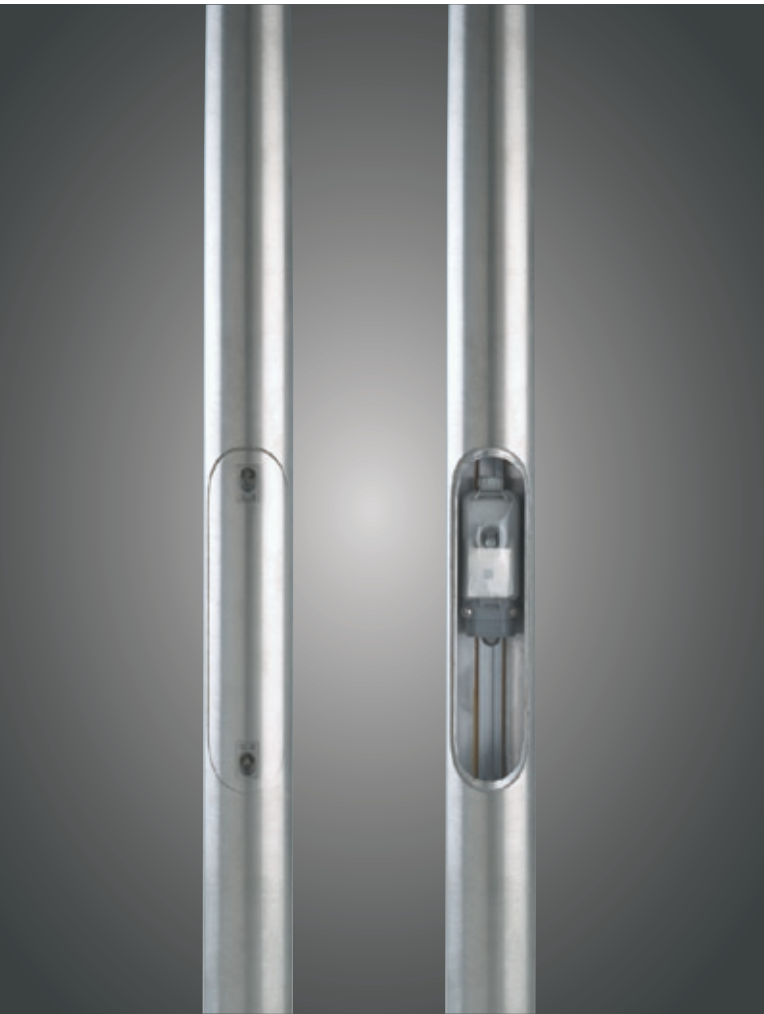
Outdoor lighting | Ceiling luminaires, Wall luminaires, Ceiling and wall luminaires



.79 = With EB | .Q = Quick service (stock articles)

Specifications subject to alteration. Other options and accessories can be found in the current product selection guide or in the Internet under [www.rzb-lighting.com](http://www.rzb-lighting.com)

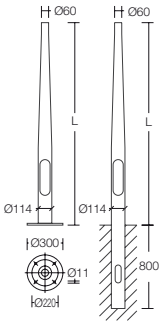




# ALUMINIUM POLES

for luminaires with top Ø: 60 mm

Type of protection: IP 20  
Protection class: I  
Pole: aluminium, tapered. Door opening: 400 x 85 mm. Locking screw triangle 10 mm. Integrated C track with M8 plastic sliding nut. Order cable distribution box separately.  
Available colours: 0 = aluminium, anodised  
Available colours (X): 2 = white, , 31 = anthracite metallic, 4 = silver metallic  
Please replace X of the item no. with the requested colour code.



Tapered pole	
With universal anchoring tube, 800 mm	
611497.00X	D 114, H 2500, HE 800
611498.00X	D 114, H 3000, HE 800
611698.000	D 114, H 3500, HE 800
611699.000	D 114, H 4000, HE 800
With base plate Ø 300, 4 mounting holes Ø 11, pitch circle for holes Ø 220	
611495.00X	D 300, H 2500
611496.00X	D 300, H 3000
611697.000	D 300, H 4000

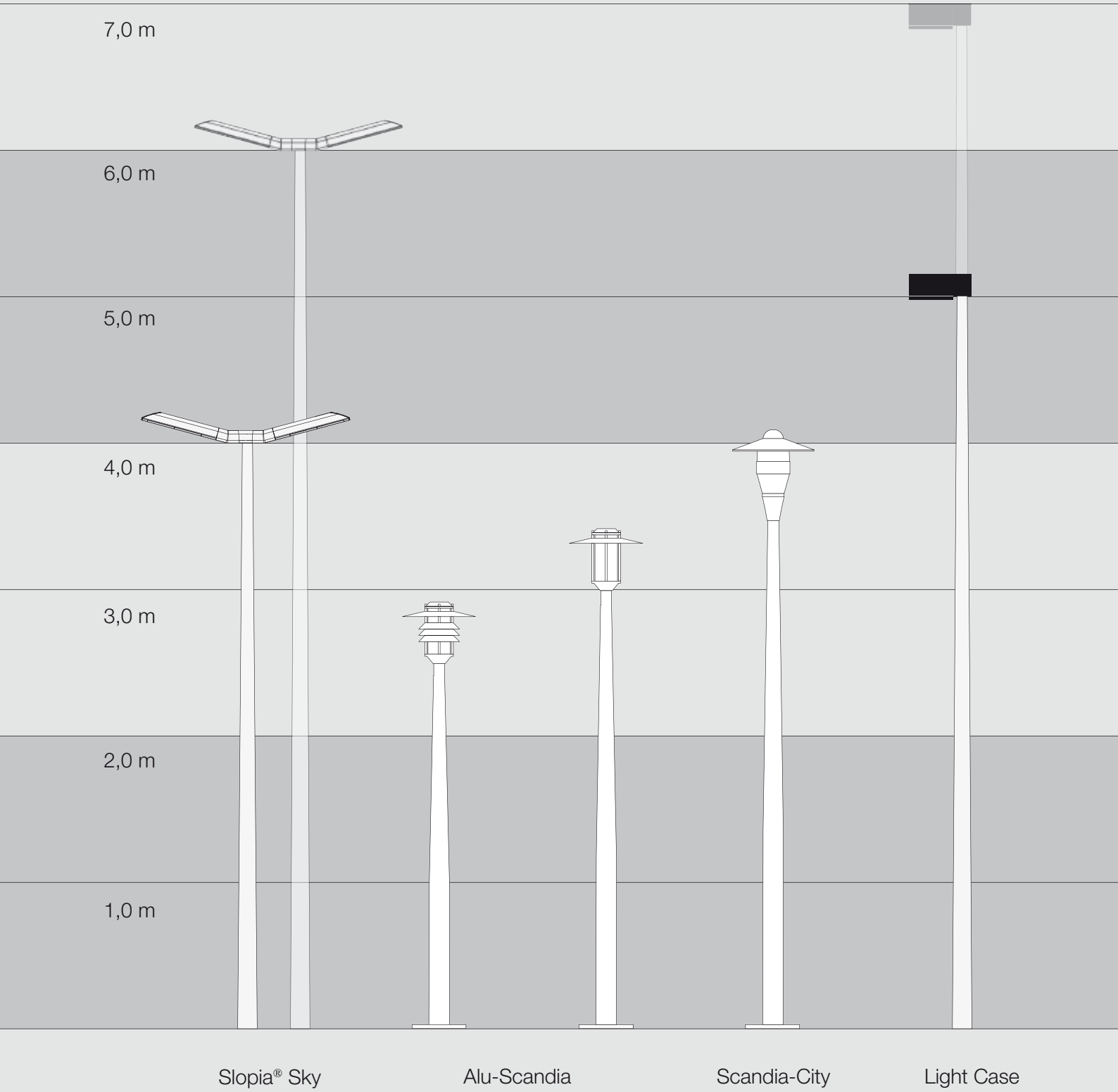
Accessories   Cable distribution box	
Housing: plastic. Input for three cables 5 x 6 mm². One 01/E14 safety unit. Two luminaire outgoing lines. Type of protection: IP 44.	
Cable distribution box	
61199.009	



Outdoor lighting | Outdoor pole luminaires

Size overview / Recommended pole lengths

Further recommended mounting heights for these outdoor pole luminaires can be found on the relevant catalogue pages.





## Service

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## Abbreviations

<b>B</b>	Width
<b>L</b>	Length
<b>H</b>	Height
<b>T</b>	Depth
<b>TE</b>	Luminaire recessing dimensions
<b>HE</b>	Luminaire recessed height
<b>DA</b>	Recess opening (width x length or Ø)
<b>D</b>	Diameter
<b>LP</b>	Pendant length
<b>Tg</b>	Operating temperature in °C at the centre of the luminaire surface
<b>AL</b>	Extension
<b>Le</b>	Recessed length
<b>β</b>	Light exit angle
①	Luminaire with Edison lampholder
<b>K-Trafo</b>	Conventional transformer
<b>E-Trafo</b>	Electronic transformer
<b>EVG</b>	Electronic ballast
<b>LM</b>	Lamp
<b>LVK</b>	Light distribution curve
<b>LLB</b>	Low loss ballast

### DKN system®

(push-tilt all-glass luminaire) for fastening glass without the need for tools: Light pressure exerted by the rim of the glass diffuser on the retaining springs releases the tilt and holding mechanism for secure mounting of glass diffuser covers. Retaining springs compensate the tolerances of the glass rim and protect the glass diffuser cover when it is repeatedly attached and removed. The base is not visible after mounting the glass diffuser cover.

### RGB

stands for additive colour mixture, based on the three primary colours **red** - **green** - **blue**, using suitable lamps, e.g. coloured fluorescent lamps and coloured LED lamps. By optimising the arrangement of the lamps in the luminaire and choosing colour-saturated lamps, RZB produces a high level of colour saturation and a broad spectrum of composite colours.

### UGR

stands for **unified glare rating**, the common standard used to assess the glare rating of interior lighting. DIN EN 12464 defines the permissible UGR values for specific lighting situations. The UGR values for a room can be calculated using the RELUX programme and the technical specifications of the planned luminaires.

### LED

stands for light emitting diode, an electronic semi-conductor component offering excellent energy efficiency and a long service life. See page 407 for more information on LEDs.

### ①

Our Edison socket luminaires are mainly compatible with halogen and compact fluorescent lamps, as well as LEDs, as an alternative to conventional A-type lamps. All such luminaires are marked in the catalogue with ①, whereby the socket size and maximum conventional-lamp wattage is indicated. When using non-conventional lamps, follow the vendor's instructions concerning conversion of the relevant lamp output. For a list of selected light sources that can be used in the desired luminaires, see pp. 350-352 of this catalog, or consult our product database at [www.rzb-lighting.com](http://www.rzb-lighting.com). In determining which light source is suitable, you will need to take account of the size of the light source and the number of times it can be switched on and off.

Please note that the "Comparison of LED and conventional lamps" is based on hypothetical averages and not on exact figures.

## Types of protection according to EN 60598/VDE 0711

### 1st digit: Protection against solid objects

IP 2X	Protection against penetration of solid objects > 12 mm
IP 3X	Protection against penetration of solid objects > 2.5 mm
IP 4X	Protection against penetration of solid objects > 1 mm
❖ IP 5X	Protection against dust penetration
❖ IP 6X	Dust-proof

### 2nd digit: Protection against water

☹ IP X1	Luminaires are protected against water drops (vertically falling drops of water)
IP X2	Luminaires are protected against water drops (drops of water up to 15° from the vertical)
☹ IP X3	Luminaires are protected against rain
⚠ IP X4	Luminaires are protected against water sprays
⚠ IP X5	Luminaires are protected against water jets
IP X6	Luminaires are protected against rough sea or heavy jets of water
☹☹ IP X7	Protection against temporary immersion
☹☹☹ IP X8	Protection against continuous immersion

The type of protection indicated for surface mounted, recessed, pole or pendant luminaires only applies for the defined and/or permitted type of luminaire installation.

## Protection classes

### ⊕ Protection class I

Luminaires for connection to a protective conductor provided on site. The protective conductor terminal is marked . In case of malfunction: Protection through power supply switch-off by overcurrent protection device.

### □ Protection class II

Base insulation protects against direct contact. In case of malfunction: Additional or reinforced insulation protects against indirect contact. Many protection class I luminaires are also available with protection class II on request.

### ⚡ Protection class III

Luminaires for connection to safety extra-low voltage (SELV, max. 50 V AC), e.g. using safety transformers or other sources of voltage with comparable safety features. In case of malfunction: Protection through effectively harmless voltage. Mains connection via luminaire equipment with dual or reinforced insulation on the mains side.

The information relating to the resistance of our luminaires to solid objects and water is based on EN 60598/VDE 0711.

### Specifications subject to alteration.

## Ballast

Our luminaires are mainly fitted with low-loss ballasts. They are designed for 230 V/50 Hz (equipment with other specifications is available on request).

Luminaires with electronic luminaire equipment are indicated by the code at the end of the catalogue number, e.g. .76, .77, .78, .79 or have their own separate order number with explanatory text.

Parallel-compensated luminaires are indicated either by the code .28 or by a separate catalogue number with text explanation (compensation for other luminaires available on request).

## Electrotechnical variants and additions

Codes are marked by a two-digit suffix separated by a point at the end of the catalogue number.

<b>Movement sensor</b>	Code <b>.19</b>
With movement sensor	
<b>Lamp reignition monitor and parallel compensation</b>	Code <b>.23</b>
Same version as order number suffix .24, with parallel compensation	
<b>Lamp reignition monitor</b>	Code <b>.24</b>
Lamp reignition monitor for metal halide lamps using parallel switched halogen incandescent lamp (E 27 lampholder) up to max. 150 W	
<b>Light-sensitive switch</b>	Code <b>.25</b>
Integrated light-sensitive switch	
<b>Parallel compensation</b>	Code <b>.28</b>
Parallel compensated circuit for all discharge lamps	
<b>Additional lampholder</b>	Code <b>.30</b>
Additional emergency lampholder, marked E14 and E27	
<b>Radio controlled system</b>	Code <b>.73</b>
Hand-held transmitter included	
<b>EB, digitally dimmable (DALI)</b>	Code <b>.76</b>
Version with digitally dimmable EB, DALI compatible	
<b>EB, digitally dimmable (DSI)</b>	Code <b>.77</b>
Version with digitally dimmable EB. Controlled by digital low-voltage signal (DSI)	
<b>EB, analogue dimmable (1-10 V)</b>	Code <b>.78</b>
Version with dimmable EB. Controlled by 1-10 V analogue signal	
<b>EB</b>	Code <b>.79</b>
Versions with electronic ballast	

## General information

### INDOOR LIGHTING

In the case of **recessed luminaires**, the indicated type of protection only applies to luminaires installed in closed, dry ceilings.

Unless otherwise indicated, recessed luminaires must be spaced at least 50 mm apart.

LED recessed light fittings are suitable only for installation in open ceilings. Please note and follow the installation instructions!

### OUTDOOR LIGHTING

#### Possible formation of condensation

Condensation can form in outdoor luminaires with a high type of protection. A vacuum is created while the luminaires are cooling down and/or after they have been switched off or when temperatures fluctuate strongly. This can result in moisture being sucked into the inside of the luminaire, where it condenses.

As such, the accumulation of condensation in an outdoor luminaire is by no means an indication that the luminaire is not leak-tight.

#### CARE OF STAINLESS STEEL LUMINAIRES

Stainless steel is corrosion resistant and therefore does not require any organic or metallic coating to improve its corrosion resistance or appearance.

To keep the luminaires looking good, they should occasionally be treated with a suitable cleaning agent.

#### USE OF EMERGENCY LIGHTING MODULES

The distances between EB and emergency lighting module must be observed as longer cable lengths might impair the function.

We recommend:

Distance EB <-> Emergency lighting module: 0.5 m

Distance LLB <-> Emergency lighting module: 2.0 m

## Quick service – Immediate delivery programme

All luminaires marked with a “.Q” are available from stock.

Orders received before 10.00 a.m. will be despatched from the factory on the same day.

## Electrotechnical safety

We guarantee that we have manufactured and tested all of the luminaires in this catalogue carefully in accordance with international standard EN 60598 (VDE 0711).

Special luminaires are manufactured in accordance with this standard.

## Safety marks

Luminaires marked with the “ball impact protection” symbol are suitable for use in sports facilities. They are manufactured in accordance with the test conditions defined in VDE 0710.

Luminaires marked “ta 15°C” are designed for ambient temperatures of 15°C and are also suitable for use outdoors.

The CE mark is not a safety mark. It indicates that the product complies with European Union directives.

## Symbol explanations

Luminaires made of shockproof polycarbonate are marked with this symbol.



## Quality

Our quality management system is DIN EN ISO 9001:2008 compliant.

## Catalogue / image price list

The catalogue and image price list are important working aids for our users, electricians, electrical wholesalers, architects, planners, investors and the public sector.

They provide an overview of our range of products and explain the practical application of our luminaires. The catalogue is published every two years. The image price list is published once a year and contains any new products that have been introduced in the meantime. Both documents are available for download at [www.rzb-lighting.com](http://www.rzb-lighting.com).

## Internet - [www.rzb-lighting.com](http://www.rzb-lighting.com)

Detailed information about our luminaires (incl. light metrics), our latest publications and an overview of projects we have executed are available to download from our home page.

## GAEB texts

GAEB texts are standardised texts issued by the German Common Committee for Electronics in the Construction Industry. They are used for tenders relating to new construction, repair and renovation works. Pertinent texts for our products are available for download at [www.rzb-lighting.com](http://www.rzb-lighting.com) or on our CD-Rom.

## Luminaire showroom

### Light laboratory

### Conference and training centre

This is where we offer our partners a closer look at our range of products. For example, we can demonstrate state-of-the-art LED technology compared with conventional lamps in our laboratory and in realistic room conditions.

We invite you to visit our current light forums.

## Light planning with 3D simulation

- Planning interior lighting using artificial and natural light, either separate or in combination with each other
- Economic efficiency analyses for daylight-dependent lighting control systems
- Planning outdoor lighting systems
- Economic efficiency calculations
- Realistic 3D simulation for data input and output
- Simple and logical operation

Please address any queries relating to the use and configuration of the programme to our technical customer service,

Tel. +49 9 51 / 79 09 - 374

## Luminaires with Light Emitting Diodes



### ENERGY EFFICIENCY

low power intake  
long service life ≥ 50,000 hours

### COMFORT

flicker-free start  
immediate light  
high switching speed  
ideally suited for RGB colour mixture

### FUTURE

LEDs are the lamps of the future. Thanks to the numerous benefits, LED development is progressing at a phenomenal speed.

RZB offers luminaires fitted with LED lamps  
for selected areas of application.

These products can be identified by the symbol:



LED stands for light emitting diode, an electronic semi-conductor component.

LEDs supply constant full-beam immediate light. Unlike incandescent lamps, LEDs do not radiate temperature. They emit light in a narrow spectral range and do not emit any infrared or ultraviolet radiation.

LEDs have a high switching speed.

The luminous flux is determined by the electrical current. As such, we recommend the use of a constant source of current. At the current state of development, the service life exceeds 50,000 hours and is dependent on various factors.

Thanks to LED technology, the luminaire industry can design virtually maintenance-free luminaires.

In summary, it is safe to say that LEDs will supersede incandescent lamps: Compared with conventional lamps, they consume less energy, generate less heat, are insensitive to shock, have considerably shorter switching times and a long service life.

## Luminaires for Fluorescent lamps with electronic ballast



### EBs enhance the lighting quality

- Quick, silent and flicker-free start
- Constant, steady light
- No flickering electrodes
- No stroboscope effects
- Dimmable (dimnable EB)
- Controllability, option for integration into control systems
- Automatic shutoff of defective lamps (no flickering)
- Automatic restart following lamp change

### EBs save energy and costs

- Low loss performance by EBs
- Low system power intake
- High system light yield
- Longer (30-50%) service life of lamps
- Longer lamp replacement intervals
- Elimination of starters and capacitors
- Low heat generation
- Gentle warm start and high switching capacity of lamps
- Suitable as emergency lighting

The „lamp plus EB“ system has a considerably reduced power intake and generates significantly less heat. EBs themselves generate little heat, thus reducing climate control measures – resulting in reduced operating costs for the air conditioning system.

The service life of EB-operated lamps increases by 30-50 percent as a result of the reduced load on the lamp and electrodes. A three-band fluorescent lamp burns for 8,000 hours on an low loss ballast compared to 14,500 operating hours on an EB.

In addition to limiting the current, EBs also perform the task of starting and act as compensation condensers. Defective lamps are switched off automatically and do not flicker. Lamps are re-started automatically following replacement.

EBs start the lamps quickly, silently and without any flickering.

A warm start (pre-heated electrodes) protects the lamp and prolongs its service life. EBs developed specially for three-band, 16 mm diameter fluorescent lamps are equipped with cut-off technology that switches the coil heater off if permitted by the lamp operation. This increases the service life of the lamp by another 20 percent.

In HF operation, the lamp voltage is smoother. Lamps operated on EBs therefore produce constant and steady light, with no flickering electrodes or stroboscope effects generated by moving parts.

EBs are largely immune to voltage and frequency fluctuations. In addition, since most of them run on direct current, they can be switched to battery operation in the event of a power failure and used as emergency lights.

If the EB malfunctions, it automatically disconnects itself from the mains.

### HEALTH

- steady, flicker-free light
- low magnetic field strengths
- hum-free operation

### ENERGY EFFICIENCY

- energy savings (25-30%)
- longer lamp life (approx. +50%)

### COMFORT

- flicker-free start
- dimmability (special version)
- automatic shutoff at the end of the lamp's service life

### ENVIRONMENT

- reduced energy consumption (25-30%)
- longer lamp life (approx. 50%)
- less lamp waste (approx. 30%)

### SYSTEM


Most EB luminaires are suitable for direct current operation. They can be connected to the emergency lighting's group and central battery systems.





Design- nation/ Symbol	ZVEI- abbrev- iation	ILCOS- abbrev- iation	Nominal wattage [W]	Nominal Max. luminous flux Φ [lm]	luminous intensity I [cd]	Beam angle [°]	Socket
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The specifications for the lamps used in the RZB catalogue are listed as neutrally as possible below. The lamp abbreviations are indicated in ILCOS and ZVEI LBS. The photometric values and bases for the lamps must be compared with the actual manufacturer's specifications prior to incorporation in any light calculations or planning. The table lists the maximum values (luminous flux Φ and luminous intensity I) for many of the lamps. In the case of lamps for which just one manufacturer is known at present, the manufacturer is indicated as a footnote.


Manufacturer codes: 1) Philips 2) Sylvania 3) Osram 4) GE 5) RZB  
6) Venture Lighting 7) Narva 8) Megaman


Incandescent lamp							
 A	A60	IAA	15	100			E27
			25	220			E27
			40	415			E27
			60	710			E27

Halogen lampe							
 QA	QA60	HSG	18	170			E27
			28	345			E27
			42	630			E27
			52	820			E27
			70	1200			E27
			105	1900			E27
			a)140	2900			E27




Candle lamp							
 C35	C35	IBB	15	100	–	–	E14
			25	210	18	220	E14
			40	400	28	345	E14
			60	660	42	630	E14



Halide candle lamp							
 QC35	QC35	HSG	18	170			E14
			28	345			E14
			42	630			E14


Reflector lamp							
 R	R39	IRR-Ø39	30		180	40	E14
			25		210	30	E14
			40		410	30	E14
	R63	IRR-Ø63	25		230	30	E27
			40		430	30	E27
			60		960	30	E27
	R80	IRR-Ø80	40		290	80	E27
			60		460	80	E27
			75		660	80	E27
			100		900	80	E27
	R95	IRR-Ø95	75		1000	35	E27
			100		1350	35	E27
			150		2250	35	E27


Moulded glass reflector lamp							
 PAR	PAR38	IPAR-Ø120	60		3400	12	E27
			60		1200	30	E27
			80		5400	12	E27
			80		1800	30	E27
			120		9300	12	E27
			120		3100	30	E27


Design- nation/ Symbol	ZVEI- abbrev- iation	ILCOS- abbrev- iation	Nominal wattage [W]	Nominal Max. luminous flux Φ [lm]	luminous intensity I [cd]	Beam angle [°]	Socket
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Low-voltage halogen lamp							
 QT	QT9 (ax)	HSGST	5	55			G4
			10	130			G4
			20	300			G4
 QT12 (ax)	HSGST		20	290			GY6,35
			35	580			GY6,35
			50	900			GY6,35
			75	1450			GY6,35
			90	1800			GY6,35
 QT16 (ax)	HSGST		150	3200			GY6,35

Low-voltage halogen lamp with cool beam reflector, closed							
 QR-CBC35 QR-CBC51	QR-CBC35	HRGI-Ø35	10	300	36		GU4
			20	2500	10		GU4
			20	580	36		GU4
			35	5000	10		GU4
			35	1000	36		GU4
 QR-CBC51	HRGI-Ø51		20	3000	10		GU5,3
			20	480	36		GU5,3
			35	6200	10		GU5,3
			35	1000	36		GU5,3
			50	9000	10		GU5,3
			50	1450	36		GU5,3

Low-voltage halogen lamp with aluminium reflector							
 QR 111	QR111	HMG-Ø111	35	30000	4		G53
			35	2500	24		G53
			50	40000	4		G53
			50	17000	6		G53
			50	4000	24		G53
			50	1400	40		G53
			75	30000	6		G53
			75	5300	24		G53
			75	2000	40		G53
			100	48000	6		G53
			100	8500	24		G53
			100	2800	40		G53

High-voltage halogen lamp							
 QT18	QT18../c	HSGST	40	590			B15d
			60	980			B15d
			70	1180			B15d
			100	1800			B15d
			150	2870			B15d
			205	4200			B15d

High-voltage halogen lamp							
 QT14	QT14../c	HSGST	25	260			G9
			40	490			G9
			60	820			G9

High-voltage halogen lamp							
 QT32	QT32/c	HSG-Ø32	70	1180			E27
			100	1800			E27
			150	2870			E27
			205	4200			E27

Design- nation/ Symbol	ZVEI- abbrev- iation	ILCOS- abbrev- iation	Nominal wattage [W]	Nominal Max. luminous flux Φ [lm]	Max. luminous intensity I [cd]	Beam angle [°]	Socket
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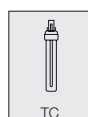
#### High-voltage halogen lamp with moulded glass reflector

QPAR16	HAGI-Ø50	1)40		950	25	E14
		2)40		950	25	E14
		3)40		650	35	E14
QPAR16	HAGI-Ø50	2)35		850	25	GU10
		3)35		600	35	GU10
		2)50		1360	25	GU10
		3)50		950	35	GU10
QPAR20	HAGI-Ø65	2)50		550	50	GU10
		50		3000	10	E27
		50		1000	30	E27
QPAR25	HAGI-Ø80	2)50		4000	10	E27
		2)50		1100	25	E27
		2)75		5500	10	E27
QPAR30	HAGI-Ø97	2)75		1300	25	E27
		75		6900	10	E27
		75		2200	30	E27
		2)100		10000	10	E27
QPAR 38	HAGI-Ø120	2)100		3500	30	E27
		2)75		6900	10	E27
		2)75		2200	30	E27
		2)100		10000	10	E27
		2)100		3500	30	E27



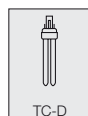
#### High-voltage halogen lamp, double-ended

QT-DE12	HDG-Ø12	48		815		R7s-15
		80		1450		R7s-15
		120		2300		R7s-15
QT-DE12	HDG-Ø12	120		2300		R7s-15
		160		3300		R7s-15
		230		5000		R7s-15
		400		9000		R7s-15
		750		16100		R7s-15
		1000		22000		R7s-15
		1500		33000		R7s-15
		2000		44000		R7s-15



#### Compact fluorescent lamp, single tube

TC	FSD	5		250		G23
		7		400		G23
		9		600		G23
		11		900		G23
TC-EL	FSD	7		400		2G7
		9		600		2G7
		11		900		2G7



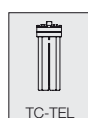
#### Compact fluorescent lamp, double tube

TC-D	FSQ	10		600		G24 d-1
		13		900		G24 d-1
		18		1200		G24 d-2
		26		1800		G24 d-3
TC-DEL	FSQH	10		600		G24 q-1
		13		900		G24 q-1
		18		1200		G24 q-2
		26		1800		G24 q-3



#### Compact fluorescent lamp, triple tube

TC-T	FSM	13		900		GX24 d-1
		18		1200		GX24 d-2
		26		1800		GX24 d-3
TC-TEL	FSMH	13		900		GX24 q-1
		18		1200		GX24 q-2
		26		1800		GX24 q-3
		32		2400		GX24 q-3
		42		3200		GX24 q-4
		1)57		4300		GX24 q-5
TC-TEL	FSMH	1)60		4000		2G8
		1)85		6000		2G8
		1)120		9000		2G8
TC-TEL	FSMH	11		900		GR14q-1
		14		1200		GR14q-1
		17		1500		GR14q-1

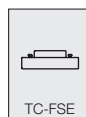


Design- nation/ Symbol	ZVEI- abbrev- iation	ILCOS- abbrev- iation	Nominal wattage [W]	Nominal Max. luminous flux Φ [lm]	Max. luminous intensity I [cd]	Beam angle [°]	Socket
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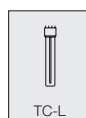
#### Compact fluorescent lamp, quadruple tube

TC-QEL	FSMH	1)57		4300			GX24q-5
		1)70		5200			GX24q-6



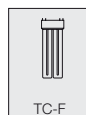
#### Compact fluorescent lamp, Mikro-Lynx

TC-FSE	FBC	2)6		235			GX53
		2)7		220			GX53
		2)9		360			GX53
		2)13		520			GX53



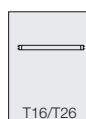
#### Compact fluorescent lamp, long version

TC-L	FSD	18		1200			2G11
		24		1800			2G11
		36		2900			2G11
		40		3500			2G11
		55		4800			2G11
TC-L	FSD	80		6500			2G11
		16		1600			2GX11
		22		2200			2GX11
		26		2600			2GX11
		28		2800			2GX11



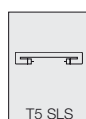
#### Compact fluorescent lamp, flat version

TC-F	FSS	18		1100			2G10
		24		1700			2G10
		36		2800			2G10



#### Fluorescent lamp

T7	FD-Ø7	6		330			W4.3
		8		540			W4.3
		11		750			W4.3
		13		930			W4.3
T16	FD-Ø16	4		140			G5
		6		270			G5
		8		450			G5
		13		950			G5
		14		1350			G5
		21		2100			G5
		24		2000			G5
		28		2900			G5
		35		3650			G5
		39		3500			G5
T16	FD-Ø16	49		4900			G5
		54		5000			G5
		80		7000			G5
T26	FD-Ø26	10		650			G13
		15		950			G13
		16		1250			G13
		18		1350			G13
		30		2400			G13
T26-1m	FD-Ø26-1m	36		3100			G13
		36		3350			G13
		38		3300			G13
		58		5200			G13



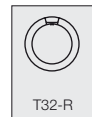
#### Fluorescent lamp T5 seamless

T5 SLS		2)14		1200			G5
		2)21		1900			G5
		24		1750			G5
		28		4450			G5
		39		3100			G5
		2)54		4450			G5

Design- nation/ Symbol	ZVEI- abbrev- iation	ILCOS- abbrev- iation	Nominal wattage [W]	Nominal Max. luminous flux Φ [lm]	Max. luminous intensity I [cd]	Beam angle [°]	Socket
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**Fluorescent lamp, ring-shaped**

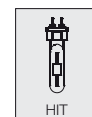
<b>T16-R</b>	FC-Ø16	22	1 900		2GX13
		40	3 400		2GX13
		55	4 200		2GX13
		1)60	5 000		2GX13

**Fluorescent lamp, ring-shaped**

<b>T29-R</b>	FC-Ø29	22	1 350		G10q
<b>T32-R</b>	FC-Ø52	32	2 250		G10q
		40	3 200		G10q

**Mercury vapour lamp**

<b>HME</b>	QE	50	2 000		E27
		80	4 000		E27
		125	6 800		E27
		250	14 000		E40
		400	24 000		E40
		700	40 000		E40
		1 000	57 000		E40

**Metal halide lamp, single-ended**

<b>HIT</b>	MT	70	5 800		G12
		150	13 000		G12
<b>HIT-CE</b>	MT	35	3 600		G12
		70	7 300		G12
		1)100	9 500		G12
		150	15 000		G12
		1)250	26 000		G22
		1)250	23 300		G12

**Metal halide lamp, single-ended**

<b>HIT-TC-CE</b>	MD	1)20	1 650		PGJ5
		1)20	1 700		GU6,5
		20	1 700		G8,5
		1)35	3 000		PGJ5
		1)35	3 400		GU6,5
		35	3 400		G8,5
		70	6 900		G8,5

**Metal halide lamp, single-ended**

<b>HIT-CE-P</b>	MTS	1)70	5 800		PG12-2
		1)150	13 000		PGX12-2

**Metal halide lamp, single-ended**

<b>HIT</b>	MT	250	20 000		E40
		400	42 000		E40
		1 000	85 000		E40
<b>HIT-CE</b>	MT	1)70	6 700		E27
		1)100	8 800		E27
		1)150	14 500		E27
		250	26 000		E40

**Metal halide lamp, double-ended**

<b>HIT-DE</b>	MD	70	6 500		RX7s
		150	12 500		RX7s-24
		250	20 000		Fc2
		400	37 000		Fc2
		1 000	90 000		K12s-36
<b>HIT-DE-CE</b>	MD	70	6 800		RX7s
		150	14 500		RX7s-24
		250	25 000		Fc2

Design- nation/ Symbol	ZVEI- abbrev- iation	ILCOS- abbrev- iation	Nominal wattage [W]	Nominal Max. luminous flux Φ [lm]	Max. luminous intensity I [cd]	Beam angle [°]	Socket
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**Metal halide lamp with reflector**

<b>HIPAR16</b>	MR-Ø51	1)35		7 000	24	GX10
		1)35		4 000	38	GX10
		1)35		2 000	60	GX10
<b>HIPAR20</b>	MR-Ø63	35		22 000	10	E27
		35		5 400	30	E27
<b>HIPAR-L30</b>	MR-Ø95	35		44 000	10	E27
		35		7 400	30	E27
		70		68 000	10	E27
		70		13 500	30	E27

**Metal halide lamp**

<b>HIE../w*</b>	ME	250	19 000		E40
		400	40 000		E40
		1 000	100 000		E40
<b>HIE-P../w*</b>	MES	70	5 100		E27
		100	7 900		E27
		150	11 600		E27
		250	17 000		E40
		400	31 000		E40
		1)450	45 000		E40
<b>HIE-CE-P../MCS</b>	w*	35	3 200		E27
		70	6 700		E27
		100	8 500		E27
		150	13 700		E27
		250	24 500		E40

\*HIE../w = white washed

**Sodium vapour lamp, single-ended**

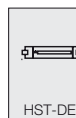
<b>HST-CRI/ STH</b>	1)35	1 300		PG12-1
<b>SDW-T</b>	1)50	2 300		PG12-1
	1)100	5 000		PG12-1

**Sodium vapour lamp, single-ended**

<b>HST-CRI/ STH</b>	1)50	2 400		GX12-1
<b>SDW-TG</b>	1)100	4 900		GX12-1

**Sodium vapour lamp, single-ended**

<b>HST</b>	ST	50	4 400		E27
		70	6 600		E27
		100	10 700		E40
		150	17 500		E40
		250	33 200		E40
		400	56 500		E40
		600	90 000		E40
		1 000	130 000		E40

**Sodium vapour lamp, double-ended**

<b>HST-DE</b>	SD	70	6 800		RX7s
		150	15 000		RX7s-24
		250	25 500		Fc2
		400	48 000		Fc2

**Sodium vapour lamp**

<b>HSE</b>	SE	50	3 500		E27
		70	5 600		E27
		100	10 200		E40
		150	17 000		E40
		250	31 100		E40
		400	55 500		E40
<b>HSE-X</b>	SE	1000	128 000		E40
		110	8 000		E27
		210	18 000		E40
		350	34 000		E40

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<b>0</b>		<b>2</b>		2044070405	115	211225	85	221024	55	25171	73
09-6260	231	20101	268	2051050205	178	211227	85	221027	54	25172	86
<b>1</b>		20101	74	2052050205	178	211228	85	221027	55	25201	73
10-3054	110	201010	263	211004	56	211255	56	221028	54	25202	73
10-3054	111	201011	263	211005	56	211257	56	221028	55	25228	86
10-3054	118	201012	263	211006	56	211259	72	221029	54	25229	86
10-3054	119	201013	263	211008	56	211261	72	221029	55	<b>3</b>	
10-3054	140	20102	74	211011	56	211287	61	221039	54	311016	210
10-3054	141	20116	74	21105	60	211288	61	221039	55	311055	210
10-3055	110	20117	74	211054	56	211297	58	221040	267	311161	51
10-3055	111	20127	87	211059	56	211298	58	221058	71	311163	51
10-3055	118	20128	87	21106	60	211300	58	221060	71	311165	51
10-3055	119	20129	87	211061	56	211302	58	221061	71	311166	51
10-3055	140	20136	270	211073	56	211303	58	221062	71	311171	51
10-3055	141	20171	268	211076	56	211305	58	221083	71	311174	51
10-3056	110	20171	74	21108	60	211307	58	221085	71	311175	51
10-3056	111	20172	87	211107	61	211357	57	221116	54	311183	49
10-3056	118	2018050105	114	211108	61	211358	57	221116	55	311187	49
10-3056	119	2018070105	114	211109	61	21136	270	221117	54	311193	49
10-3056	140	2035050505	165	211111	61	211360	57	221117	55	311201	197
10-3056	141	2035050605	165	211113	60	211362	57	221126	54	311202	197
10120	76	2036050505	165	211114	60	211364	57	22141	75	311207	197
10130	76	2036050605	165	211115	60	211378	84	22142	75	311208	197
10131	76	2037050505	165	211117	60	211379	84	22144	89	311209	197
10136	76	2037050605	165	211138	59	211380	84	22150	75	311220	196
10140	76	2040050105	99	211139	59	211381	84	25101	73	311222	196
10142	76	2040060105	99	211141	59	211382	84	251025	77	311223	196
10420	88	2040060405	99	211144	59	211383	84	251026	77	311224	49
10430	88	2040283010	99	211146	59	211388	77	251027	77	311226	196
10432	88	2040353011	99	211147	59	211389	77	25116	73	311231	49
10440	88	2040653011	99	211208	72	211390	77	25117	73	311232	196
10442	88	2042050405	114	211211	72	211391	77	25127	86	311261	210
10444	88	2042070405	114	211219	72	211392	77	25128	86	311292	201
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		2043070405	114	211221	72	221023	55	25150	73	311309	47
		2044050405	115	211224	85	221024	54	25151	73	311310	47



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311312	193	311512	21	311540	210	42008	96	50031	262	551034	284
311325	69	311512	225	311542	210	421000	97	501011	107	551034	67
311326	69	311512	295	311548	218	421006	97	501015	107	551035	284
311328	201	311512	79	311551	218	421012	97	501016	107	551035	67
311437	285	311514	197	311553	189	421030	97	501021	107	551038	284
311440	94	311515	294	311555	52	421041	97	501022	106	551038	67
311441	94	311515	78	311556	52	421045	97	501023	106	551041	284
311442	94	311516	294	311560	23	451054	95	501025	105	551041	67
311443	94	311516	78	311560	62	451055	95	51010	286	551042	284
311446	189	311517	294	311562	205	451056	95	51011	286	551042	67
311449	189	311517	78	311566	23	451057	95	51050	286	551043	284
311457	189	311518	52	311566	62	451058	95	51052	286	551043	67
311482	20	311519	23	311567	205	451059	95	5420101805	100	551044	284
311482	224	311519	62	312050	265	451060	95	5420101805	99	551044	67
311482	294	311520	23	312052	265	451061	95	5421103005	100	551047	19
311482	78	311520	62	312053	265	451068	90	5421103005	99	551047	223
311484	21	311521	205	312054	265	451069	90	5422106005	100	551050	19
311484	225	311522	205	312055	265	451071	92	5422106005	99	551050	223
311484	295	311523	52	312057	265	451072	92	5423110005	100	551054	19
311484	79	311524	266	312058	265	451073	92	5423110005	99	551054	223
311493	20	311524	294	312059	265	451075	209	551008	284	551060	19
311493	224	311524	78	312073	265	451076	90	551008	67	551060	223
311496	20	311525	52	312074	265	451079	92	551012	284	551065	18
311496	224	311526	52	312079	265	451080	92	551012	67	551065	222
311496	294	311531	24	312080	265	451082	209	551020	284	551066	18
311496	78	311531	64	312081	265	451084	90	551020	67	551066	222
311498	21	311532	206	312082	265	451085	90	551024	284	551067	18
311498	225	311533	25	312083	265	451124	90	551024	67	551067	222
311498	295	311533	65	4		451125	208	551029	18	551068	19
311498	79	311534	207	4037050105	100	451126	208	551029	222	551068	223
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311511	21	311536	207	4037060105	100	451130	90	551032	18	551070	19
311511	225	311537	25	4037060205	100			551032	222	551070	223
311511	295	311537	65	4037060305	100			551033	284	551071	19

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551072	19	581081	290	581372	253	581564	260	6		611544	312
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581071	290	581307	260	581553	289	581597	254	611496	348	611699	348
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611714	298	611819	342	621006	274	631198	36	632026	40	641194	146
611715	298	61182	313	621009	274	631200	248	632027	40	641195	146
611716	298	611821	341	621015	274	631200	36	6401401405	100	641196	146
611718	303	611823	341	621016	274	631217	248	6401401505	100	641197	146
611720	303	611825	341	621026	272	631217	36	6401401605	100	641198	144
611721	303	611827	341	621029	272	631219	248	6401401705	100	641199	144
611722	303	611829	343	621057	273	631219	36	6401401805	100	641266	145
611723	303	61183	313	621059	273	631221	248	6401401905	100	641267	145
611724	303	611832	299	621060	273	631221	36	6401402005	100	641268	145
611725	303	611833	299	621061	273	631223	248	6401402105	100	641269	145
611726	303	61184	313	621083	30	631223	36	6401402205	100	641270	145
611730	298	612002	305	621084	30	631254	248	6401402305	100	641271	145
611731	298	612003	305	621085	33	631254	36	6401402405	100	64230	227
611733	299	612004	305	621086	35	631256	248	6401402505	100	64232	227
611735	299	612005	305	631086	31	631256	36	6401403905	100	64238	227
611736	299	612091	315	631087	31	631258	248	6401500105	100	64247	226
611737	298	612092	315	631122	252	631258	36	6401500205	100	64254	226
611739	298	612093	315	631140	252	631260	248	6401500305	100	64255	226
611740	298	61474	315	631151	252	631260	36	641091	228	7	
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611743	299	61524	315	631159	252	631262	36	641137	231	701070	184
611744	299	61535	315	631160	249	631264	248	641138	231	721052	324
611745	298	61674	315	631160	37	631264	36	641139	231	721090	325
611747	298	61685	315	631161	249	631266	249	641140	231	721091	325
611748	298	61785	344	631161	37	631266	37	641182	147	721092	325
61175	346	6200200105	99	631162	251	631268	249	641183	147	721094	324
61176	346	6200200305	99	631162	39	631268	37	641184	147	721095	324
61177	346	6200200405	99	631163	251	631270	249	641185	147	721096	324
61178	346	6200200505	99	631163	39	631270	37	641186	147	721102	326
611798	299	6200200605	99	631168	249	631272	249	641187	147	721103	322
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721178	326	721625	330	741530	176	751123	41	901084	122	901262	118
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721226	325	721627	330	741567	177	751127	41	901090	124	901264	217
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721237	323	721629	331	741601	177	78.54105	185	901101	127	901268	217
721249	318	721630	331	741602	177	9		901115	126	901278	83
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721251	337	721632	331	741623	179	90-6054	342	901144	133	901283	83
721252	337	721633	331	741624	180	90-6054	343	901149	134	901288	131
721274	322	721634	331	741625	180	90-6055	341	901151	135	901290	131
721275	322	721635	331	741629	181	90-6055	342	901158	128	901292	120
721277	322	721636	331	741672	174	90-6055	343	901162	129	901294	120
721307	337	721637	331	741675	174	90-6056	341	901171	149	901299	117
721313	318	721655	332	741678	174	90-6056	342	901172	149	901300	117
721320	337	721656	332	741687	173	90-6056	343	901180	110	901301	117
721331	321	721658	332	75.1005.04	102	901003	240	901194	111	901305	117
721469	159	721659	332	75.1007.04	102	901008	240	901207	116	901306	117
721472	159	721660	332	75.1009.04	102	901009	240	901208	116	901307	117
721478	168	721661	332	75.1016.04	103	901011	241	901209	116	901311	119
721480	168	721662	333	75.1017.04	103	901012	241	901215	116	901312	119
721481	319	721663	333	75.1018.04	103	901013	240	901216	116	901313	119
721501	166	721664	333	75.1028.04	103	901014	243	901217	116	901314	119
721502	166	721665	333	75.1029.04	103	901023	243	901222	110	901315	119
721503	167	721666	333	75.1030.04	103	901029	271	901225	111	911075	160
721518	319	721667	333	75.1034.00	102	901030	271	901236	111	911076	161
721525	159	721668	333	75.1034.00	103	901042	347	901242	110	911077	163
721541	159	721669	333	751007	183	901043	347	901244	118	911100	112
721553	169	721670	333	751011	183	901045	347	901245	118	911102	112
721594	167	721686	158	751019	183	901046	347	901246	118	911103	112
721600	334	721688	158	751071	183	901054	243	901248	149	911106	112
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