



LIGHT INFORMATION 12

SUPPLEMENT TO OUR 2012 INDOOR AND OUTDOOR LUMINAIRES
CATALOGUE AND LATEST EMERGENCY LIGHTING NEWS



LIGHT + BUILDING 2012: ENERGY EFFICIENCY AS A DRIVER OF GROWTH - RECORD NUMBER OF VISITORS FOR RZB

This year's light+building, which is the world's largest light and construction technology trade show, attracted around 196,000 visitors to the venue in Frankfurt, Germany. This around seven percent increase over attendance at the last edition of the event in 2010 reflects the tremendous interest in the latest developments in the field of energy efficiency. Nearly one out of every two visitors was from outside Germany. A total of 2,352 vendors from 50 countries had stands at this year's show.

With 9,000 visitors to RZB's stands – a 19 percent increase over 2010 – RZB registered a record number of visitors at this year's light+building.



LIGHT + BUILDING 2012: FOR RZB, SAFETY COMES FIRST

The number of visitors to RZB's emergency lighting stand in hall 4.1 was 31 percent higher than in 2010.

Nearly 60 percent of the visitors to this stand were architects – a figure that represents a major success and that validates the strategy RZB is pursuing: offering architects compact and timeless designs, along with highly efficient and easy to install solutions that allow conventional safety and emergency lighting to blend in harmoniously with architectural and interior design elements.



LIGHT + BUILDING 2012: RZB: E-HAUS OUTFITTER

The E-Haus – a special exhibit mounted by the industry organization known as ZVEH* and outfitted by RZB using 20 off the shelf LED – drew throngs of visitors. This seven room, 100 square metre model home contained LED based energy management solutions, LED lighting solutions, and technological concepts, readily realizable today, for residential spaces for senior citizens. Presentations such as LED Beleuchtung - Was ist heute schon sinnvoll? (How can LED solutions be implemented now?) were provided for architects and planners at E-Haus.

After this year's light+building, E-Haus will be showcased at eight other events under the title "The E-Haus: energy efficiency, reliability and comfort, thanks to smart, interconnected and ingenious solutions from capable specialists."

www.zveh.de

* ZVEH is the German electrical and IT contractors industry association.

Other events at which E-Haus will be on display:

- belectro, BERLIN	17.10.-19.10.2012
- eltec, NÜRNBERG	16.01.-19.01.2013
- eltefa, STUTTGART	20.03.-22.03.2013
- elektrotechnik, DORTMUND	11.09.-14.09.2013
- efa, LEIPZIG	16.10.-18.10.2013



LIGHT + BUILDING 2012: RZB PROVIDES LIGHTING FOR A HISTORIC CRANE

Luminale 2012, which is the biennale for lighting design, was again held in parallel with light+building, from 15-20 April in Frankfurt and featured around 160 lighting “happenings” in the Frankfurt region. Since its inception a decade ago, Luminale has become one of Europe’s most important architecture and design festivals. As expected by Luminale curator Helmut Bien, the event attracted around 140,000 visitors: “Fair visitors from all around the world, as well as interested residents of our region, enjoyed the glamour of shimmering lights, the exciting tumult on the squares at night, and the innovative lighting concepts presented by architects, artists and interior designers.”

RZB was an active participant in Luminale from the get-go via projects such as the lighting for the Architekturmuseum, Telekommunikationsmuseum and Museum der Weltkulturen.

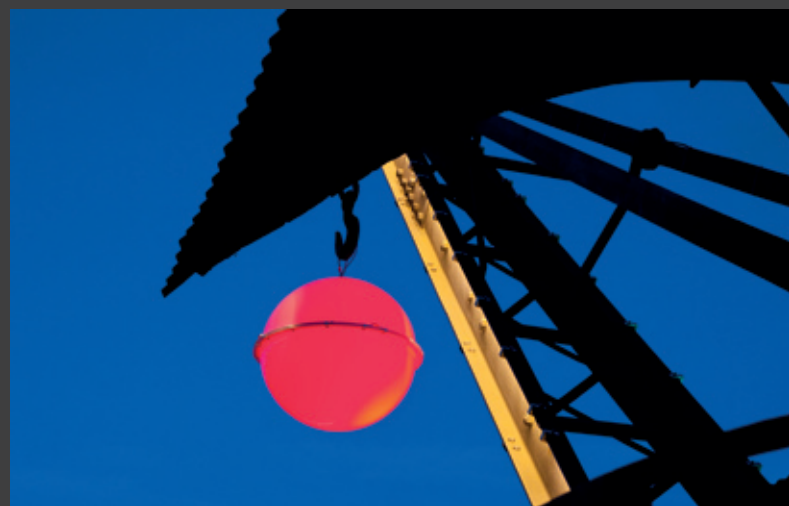
This year RZB showcased the Lightcrane that allowed for the staging of advanced LED technology. It attracted visitors’ attention to the historic Hercules crane, which is situated on the banks of the Main River. This installation, which enabled RZB to graphically demonstrate the enormous potential of LED lighting solutions, was composed of RZB LED it Strips and the company’s eye catching Globos Polymero®

luminaire. The amazing thing about the crane installation is that its power consumption equated to that of two 100 watt incandescent bulbs and thus was extremely economical. The installation was rendered even more impressive through the use of an RGB solution for the management of the spherical luminaire, as well as by the reflection of the lights on the Main River.

Lighting design:

Beiersdorf und Herzhauser Planung GmbH,
Frankfurt/Main

www.bhp-ffm.de.



PRIZE WINNING RZB DESIGN FROM 2012

SMART TECHNOLOGY. EXCELLENT DESIGN.

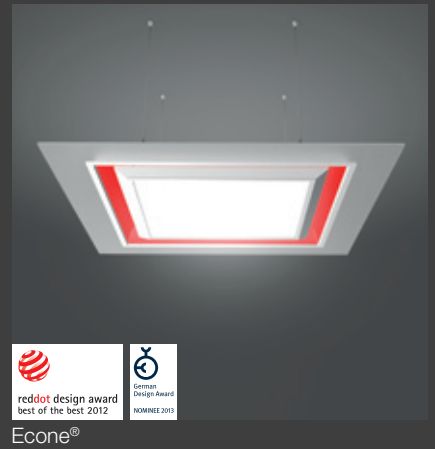
was the motto of this year's RZB light + building presentation, whose more than 700 square metre general lighting main stand in hall 3.0 enabled members of the trade to learn all about RZB solutions. This year, the main stand showcased RZB's innovative and highly economical LED technologies, as well as the company's prize winning luminaire designs.

RZB is a trendsetter in the field of architecture and interior design: energy efficient and innovative downlights, spotlights and area lighting for use in office and retail space.

Our products have garnered 34 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 integrates 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 technology and design.

In our catalogue, award winning products are marked with this logo:



CLOSING EVENT OF THE COMPETITION: THE 2012 RED DOT GALA



v. l. n. r. Peter Zec, Dr.-Ing. Alexander Zimmermann, Designer Hartmut S. Engel, Prof. Stefan Diez and Dr. Luisa Bocchietto

FOUR RED DOT AWARDS AND THE BEST OF THE BEST AWARD FOR RZB

The Red Dot Award: Product Design is the world's most prestigious and renowned product design competition, for which around 1,800 vendors and designers from 58 countries submitted entries this year. The jury for the competition consisted of 30 experts from various fields.

Red Dot design awards were given to the best of the 4,515 products that were submitted, while particularly outstanding products garnered the Best of the Best award. The event ended with a gala evening at Essen's Aalto Theater, where an awards ceremony was held before an audience of 1,200 distinguished guests.

This year, four RZB products received awards, including the Best of the Best award for the company's ECONE® HYBRID luminaire.

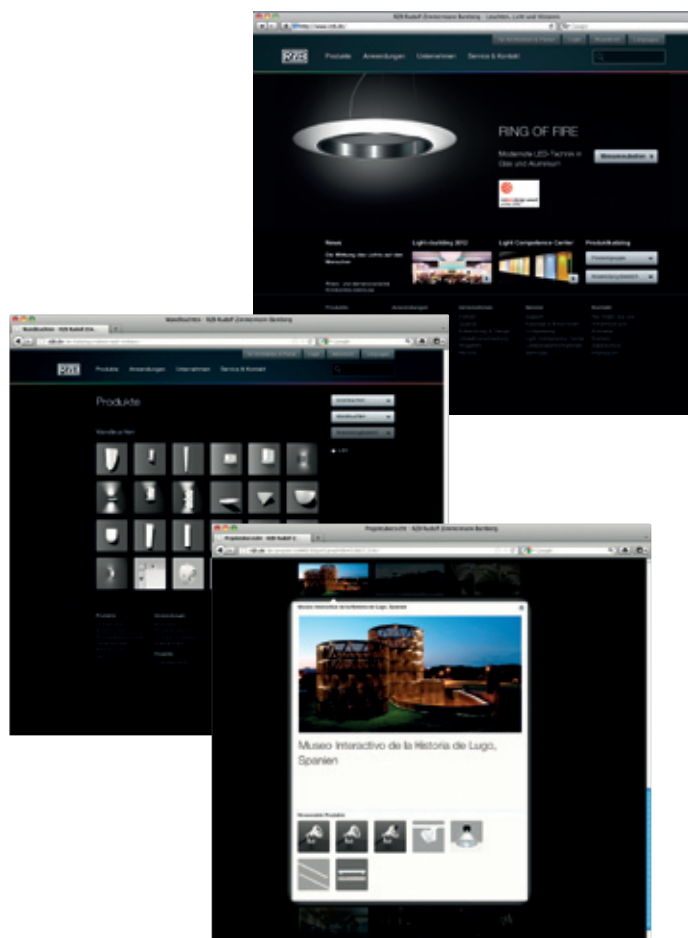
Thus, pursuing a strategy of Smart Technology and Excellent Design has enabled RZB to earn a number of distinctions. We proudly regard these honors as testimony to the excellence of our products and our commitment to product quality.

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 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.

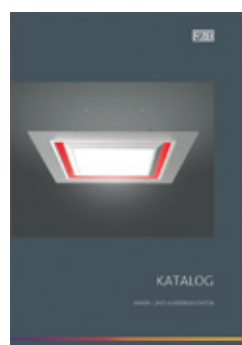
www.rzb.de/en/services/catalogues-brochures



RZB Product Selection
Guide



RZB lighting projects:
Global Impressions

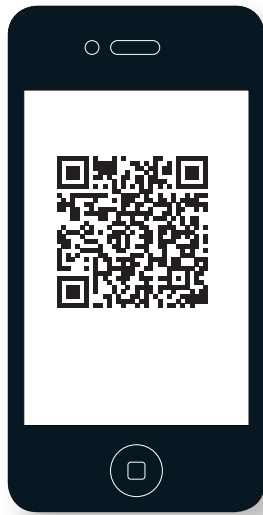


Catalogue



Special light management

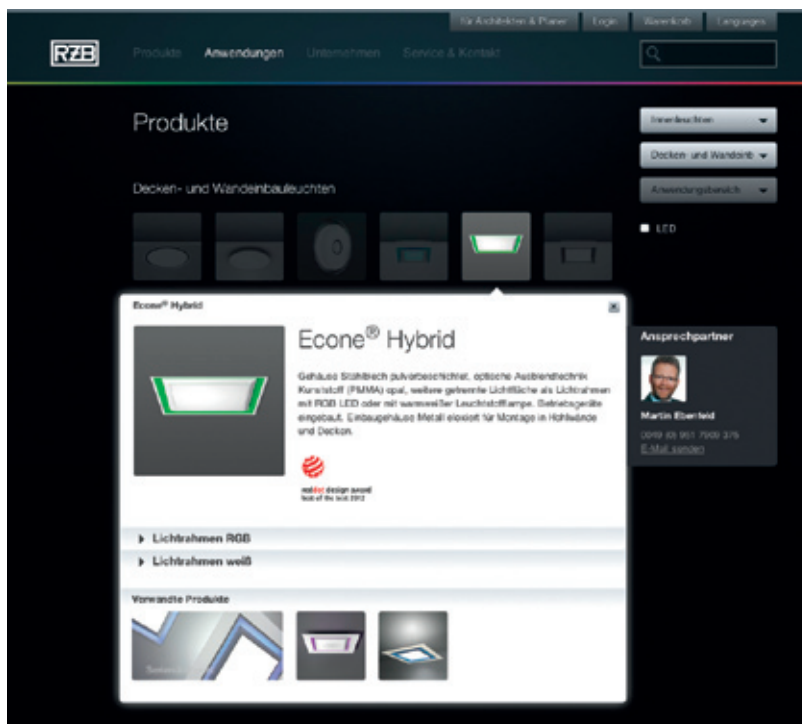
This catalogue contains complete information concerning the type, design, accessories, and dimensions of our entire portfolio of luminaires, while the QR codes provide instantaneous information concerning product variants, instruction manuals, and lighting calculations.



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 ECONE® HYBRID 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.



INDOOR LIGHTING



10



15 18 22 24 26



16 19 20 22 24 26 30



32 35 36 37 38 39



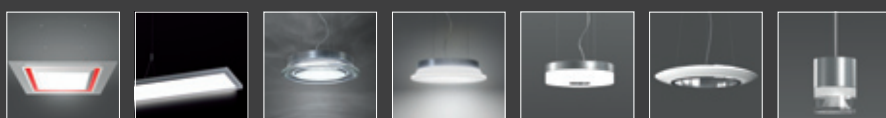
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48 49 50 51

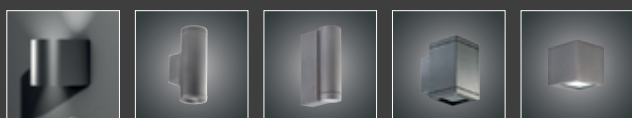


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OUTDOOR LIGHTING

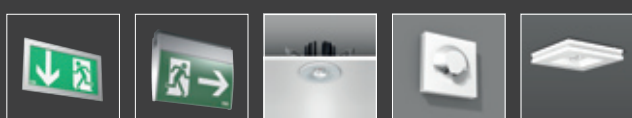


58 59 60 61 62



63 64 65

EMERGENCY LIGHTING



68 70 71 72 73

Light management systems

Recessed ceiling and wall luminaires

Ceiling and wall luminaires

Recessed downlights

Recessed projectors

Surface mounted projectors

Pendant luminaires

Wall luminaires

Pathway luminaires
Spotlights

Safety luminaires



light control

THE PLUG & PLAY LIGHT MANAGEMENT SYSTEM MADE BY RZB

Light management systems are of the essence when it comes to a holistic approach to quality lighting design solutions. Whether you are looking for an energy-saving daylight-dependent system or a light management system for lighting scenes or for dynamic RGB lighting, RZB's range of light management systems is so amazingly extensive that you're bound to find the ideal solution for your office, meeting room or store.

- ☒ Plug & Play
- ☒ Quick and easy to install
- ☒ Complete system fully tested by manufacturer
- ☒ Energy savings of up to 80%

KEEPING LIGHTING SYSTEMS EFFICIENT.

Use of the daylight- and occupancy-dependent lighting regulation solution light control +³ can roll back lighting bills by a considerable amount. With such systems, the available daylight in a given space is supplemented as needed by electric lights that integrate dimmable ballasts, while light sensors detect the existing level of lighting comprising artificial light and daylight. Thus constellations of lights are controlled in accordance with room depth and the amount of available daylight such that a predefined lighting level (i.g. 500 lux) is maintained.

And of course the user can intervene at will to adjust the lighting to the desired level. The result: an optimal confluence of natural and artificial light. If a presence sensor is added to the mix, the room lighting comes on automatically only when the room is occupied, thus substantially ramping up the potential energy savings.



Series marked with this icon is suitable for our light control +³ light management system.

Further information
can be found in our
light management
brochure.



ECONOMY

With energy prices soaring and environmental issues at the forefront of today's news, many of us are looking at ways in which we can reduce our energy consumption. In particular when it comes to high energy consuming applications, energy efficient lighting solutions are becoming more and more important.

Here at RZB, we offer:

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

The light management system light control +³ ECONOMY is suitable for a wide range of applications:

The system is available in a DALI® version, in a 1-10V version, and as a switchable version. The light and presence sensors are available both for recessed and for surface-mounted ceiling installation. Application domains are, among others, office spaces, corridors, public conveniences or rec rooms.



AMBIENTE

Dynamic light grabs our attention and arouses our interest – with atmospheric colour changes and daylight simulation with white light.

Here at RZB, we offer:

- Light management systems for dynamic RGB lighting as well as warm-white and cool-white colour temperature control

Our light control +³ AMBIENTE lighting management system can be used for both static and dynamic lighting solutions. A single module allows for individual control of four output channels.

The AMBIENTE system features an integrated sequence control for four separate sequences as well as 16 freely programmable lighting scenes. The system can easily be extended to a maximum of 16 control devices (64 channels) thanks to the reverse polarity protected plug-in system. Application domains are, among others, meeting/conference rooms, restaurants, bars or shops.



PROFESSIONAL

Rooms that are used by different people for different events and purposes need more than just adequate lighting – they need scene-based lighting.

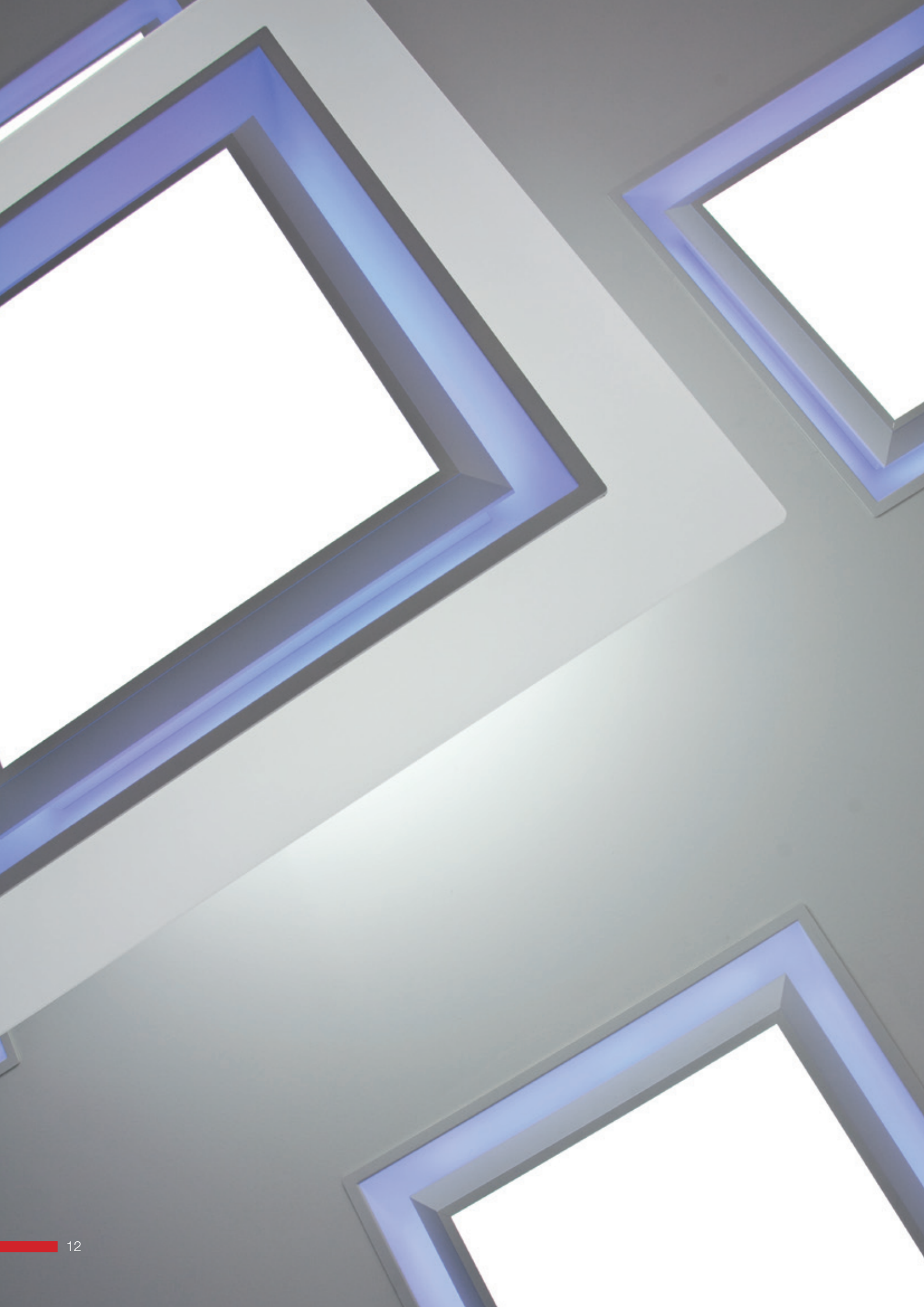
Here at RZB, we offer:

- Light management systems for flexible management of lighting groups and lighting scenes
- Light management systems for circadian daylight simulation

Our PROFESSIONAL system is suitable for complex applications such as daylight-dependent lighting control, RGB- and dynamic light scenes.

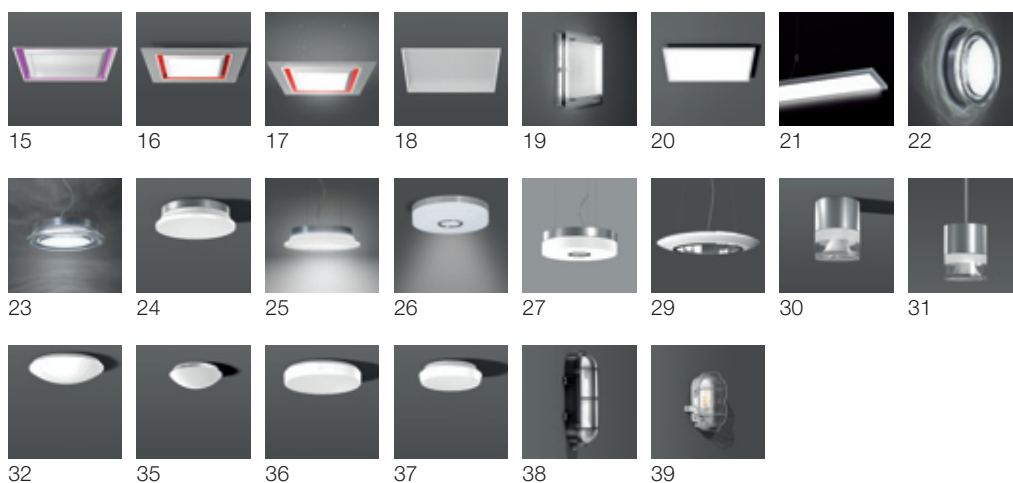
The so-called circadian light imitates the circadian and circannual rhythms of natural light. The artificial light based on programmable dynamic daylight simulation, which is achieved by adjustment of illuminance levels and colour temperatures, has a positive effect on human beings.





Indoor lighting

Ceiling, wall and pendant luminaires







light control 

ECONE® HYBRID

Recessed ceiling and wall luminaires

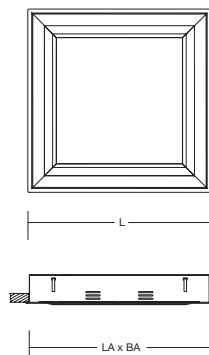


Type of protection: IP 20
Protection class: I

LED

Housing: sheet steel, powder-coated.
Diffuser: plastic (PMMA), opal. Separate light frame provided by RGB LED or warm white LED. Control gear incorporated. Installation housing: metal, anodised, for installation in cavity walls and ceilings.
LED included.

Available colours: 2 = white



Recessed ceiling and wall luminaires

Recess opening LA 825 x BA 825 mm, HE 125 mm

Light frame: RGB

901370.002.76	L 855, B 855, H 5	LED 45 W (Ra 85) 4000 K/5000 lm +
		Light frame:
		LED 60 W RGB

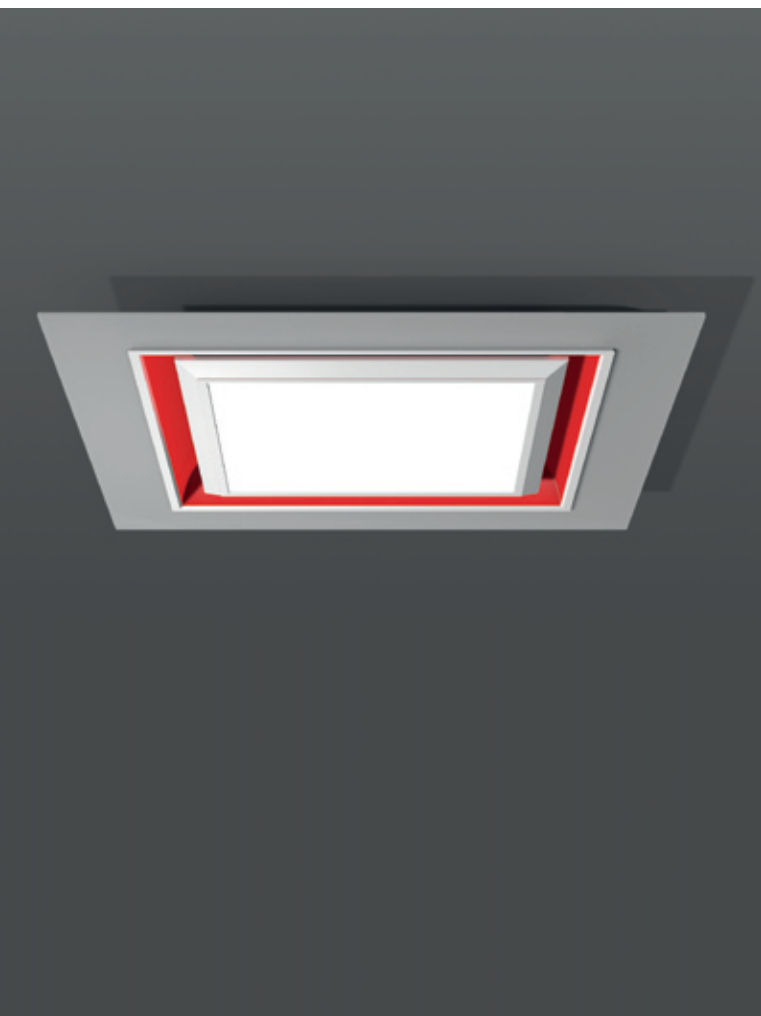
Light frame: white

901371.002.76	L 855, B 855, H 5	LED 45 W (Ra 85) 4000 K/5000 lm +
		Light frame:
		LED 60 W (Ra 85) 4000 K/5000 lm



reddot design award
best of the best 2012





ECONE® HYBRID

Ceiling and wall luminaires

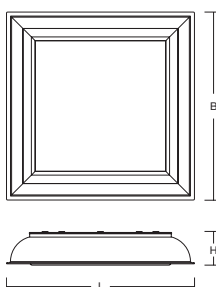
Type of protection: IP 20
Protection class: I

Housing: sheet steel, powder-coated.
Diffuser: plastic (PMMA), opal. Separate light frame provided by RGB LED or warm white LED. High aesthetic value thanks to indirect light. Control gear incorporated.

LED included.

Available colours: 2 = white

LED



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.



Ceiling and wall luminaires

Light frame: RGB

901368.002.76 L 1000, B 1000, H 125 LED 45 W (Ra 85) 4000 K/5000 lm +
Light frame:
LED 60 W RGB

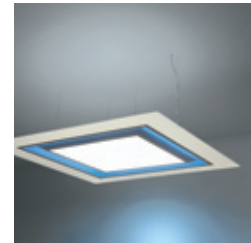
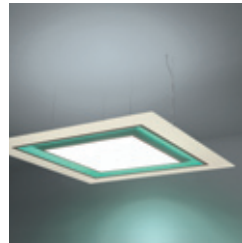
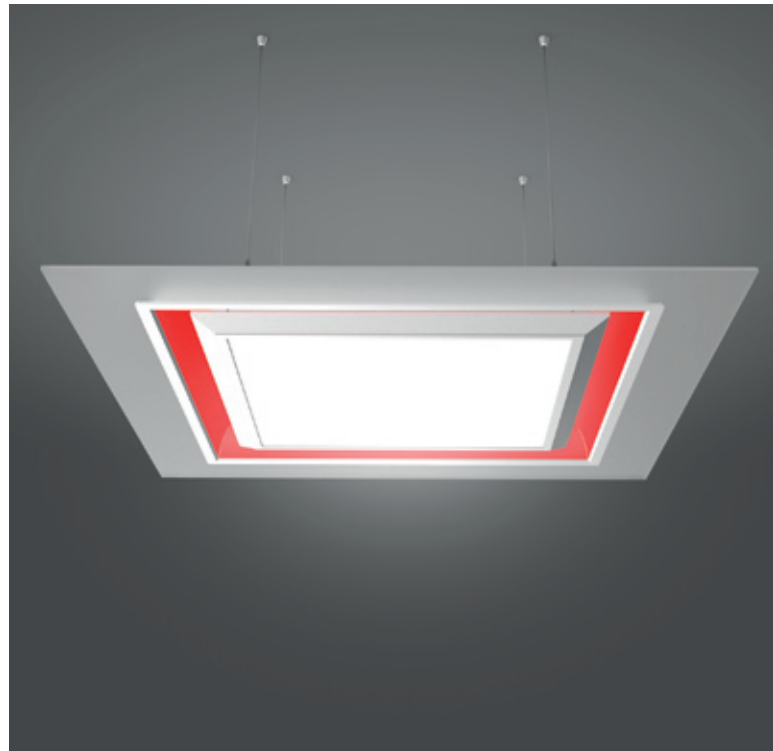
Light frame: white

901369.002.76 L 1000, B 1000, H 125 LED 45 W (Ra 85) 4000 K/5000 lm +
Light frame:
LED 60 W 4000 K/5000 lm



reddot design award
best of the best 2012





light control 

ECONE® HYBRID

Pendant luminaires

Type of protection: IP 20

Protection class: I

Housing: sheet steel, powder-coated.

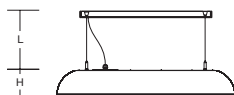
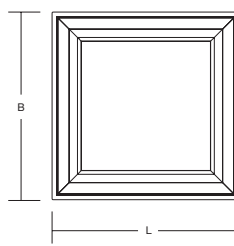
Diffuser: plastic (PMMA), opal. Separate light frame with RGB LED or with warm white LED.

Control gear incorporated. Steel cable with canopy, adjustable up to 3 m.

LED included.

Available colours: 2 = white

LED



Pendant luminaires

Light frame: RGB

901366.002.76 L 1000, B 1000, H 125

direct:

LED 40 W (Ra 85) 4000 K/5000 lm +

indirect:

LED 56 W (Ra 85) 5000 K/7600 lm +

Light frame:

LED 60 W RGB

Light frame: white

901367.002.76 L 1000, B 1000, H 125

direct:

LED 40 W (Ra 85) 4000 K/5000 lm +

indirect:

LED 56 W (Ra 85) 5000 K/7600 lm +

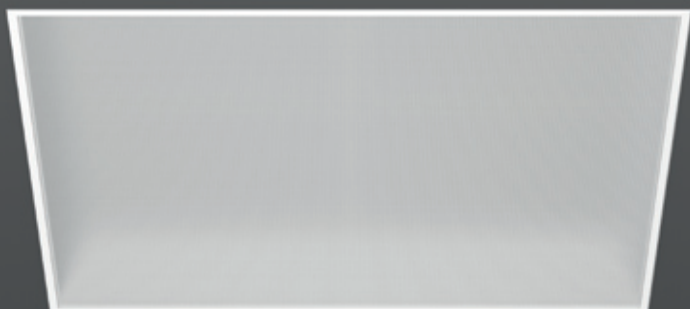
Light frame:

LED 60 W (Ra 85) 4000 K/5000 lm



red dot design award
best of the best 2012





PARLEDO

Recessed ceiling luminaires

Type of protection: **IP 40**

Protection class: I

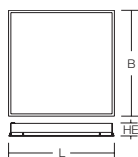
UGR index: < 19

CRI: 85

Recessed luminaire for ceiling systems with visible mounting rails. Luminaire body: metal, white, powder-coated. Diffuser options: opal matted or microprismatic/opal matted (suitable for environments with computer work places in accordance with EN 12464-1). Ballast in separate plug-in box.

Available colours: 2 = white

LED



Recessed ceiling luminaires for visible mounting rails

Length L 596 mm x width B 596 mm, HE 70 mm

Diffuser: plastic, opal

901360.002 L 596, B 596, H 0 1 x LED 45 W 3000 K / 5000 lm

901360.002.76 L 596, B 596, H 0 1 x LED 45 W 3000 K / 5000 lm

901360.002.1 L 596, B 596, H 0 1 x LED 45 W 4000 K / 5000 lm

901360.002.1.76 L 596, B 596, H 0 1 x LED 45 W 4000 K / 5000 lm

for colour temperature control: 2700 K-6500 K

901362.002.76 L 596, B 596, H 0 1 x LED 90 W 2700-6500 K / 10400 lm

Diffuser: transparent plastic, prismatic

901361.002 L 596, B 596, H 0 1 x LED 48 W 3000 K / 5000 lm

901361.002.76 L 596, B 596, H 0 1 x LED 48 W 3000 K / 5000 lm

901361.002.1 L 596, B 596, H 0 1 x LED 48 W 4000 K / 5000 lm

901361.002.1.76 L 596, B 596, H 0 1 x LED 48 W 4000 K / 5000 lm

for colour temperature control: 2700 K-6500 K

901372.002.76 L 596, B 596, H 0 1 x LED 90 W 2700-6500 K / 10400 lm

Length L 622 mm x width B 622 mm, HE 70 mm

Diffuser: plastic, opal

901363.002 L 622, B 622, H 0 1 x LED 45 W 3000 K / 5000 lm

901363.002.76 L 622, B 622, H 0 1 x LED 45 W 3000 K / 5000 lm

901363.002.1 L 622, B 622, H 0 1 x LED 45 W 4000 K / 5000 lm

901363.002.1.76 L 622, B 622, H 0 1 x LED 45 W 4000 K / 5000 lm

for colour temperature control: 2700 K-6500 K

901365.002.76 L 622, B 622, H 0 1 x LED 90 W 2700-6500 K / 10400 lm

Diffuser: transparent plastic, prismatic

901364.002 L 622, B 622, H 0 1 x LED 48 W 3000 K / 5000 lm

901364.002.76 L 622, B 622, H 0 1 x LED 48 W 3000 K / 5000 lm

901364.002.1 L 622, B 622, H 0 1 x LED 48 W 4000 K / 5000 lm

901364.002.1.76 L 622, B 622, H 0 1 x LED 48 W 4000 K / 5000 lm

for colour temperature control: 2700 K-6500 K

901373.002.76 L 622, B 622, H 0 1 x LED 90 W 2700-6500 K / 10400 lm



QUADRALED

Wall luminaires

Type of protection: IP 20

Protection class: I

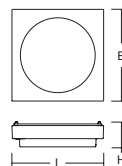
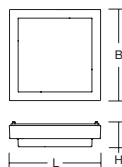
CRI: 80

Base: anodised aluminium, brushed, in the colour of stainless steel. Transparent crystal glass. Glass fastening: with screws.

LED included.

Available colours: 0 = transparent

LED



Wall luminaires

Quadraled Kreis

331154.000.1 L 280, B 280, H 76 1 x LED 12 W 4000K / 1250 lm

Quadraled Quadrat

331153.000.1 L 280, B 280, H 76 1 x LED 12 W 4000K / 1250 lm



reddot design award
winner 2012



German
Design Award
NOMINEE 2013



Ultra-flat design – thanks to lateral LED light coupling



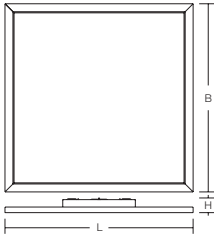
SIDELITE QUAD/SQUARE

Ceiling luminaires



Type of protection: **IP 40**
Protection class: I
CRI: 85
Base: stainless steel-coloured aluminium.
Diffuser: single-sided prismatic plastic.
Control gear incorporated. Lateral light emission thanks to LED.
With multi converter for standard mains mode or control via: DMX, DALI, and 1-10V. The luminaire can be dimmed manually via integrated infrared receiver (remote control must be ordered separately).
LED included.
Available colours: 0 = stainless steel

LED



Ceiling luminaires			
Sidelite Quad			
311578.000	L 600, B 600, H 48	1 x LED	58 W 3700K / 4700 lm
Sidelite Square			
311579.000	L 1200, B 300, H 48	1 x LED	58 W 3700K / 4400 lm



SIDELITE QUAD/SQUARE

Pendant luminaires

Type of protection: **IP 40**

Protection class: I

CRI: 85

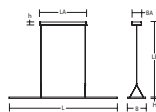
Base: stainless steel-coloured aluminium. Diffuser: single-sided prismatic plastic. Adjustable suspension steel cable (up to 1,200 mm). Canopy: aluminium. LA 530 mm, BA 107 mm, h 35 mm. Control gear incorporated into canopy. Lateral light emission thanks to LED.

With multi converter for standard mains mode or control via: DMX, DALI, and 1-10V. The luminaire can be dimmed manually via integrated infrared receiver (remote control must be ordered separately).

LED included.

Available colours: 0 = stainless steel

LED



Pendant luminaires

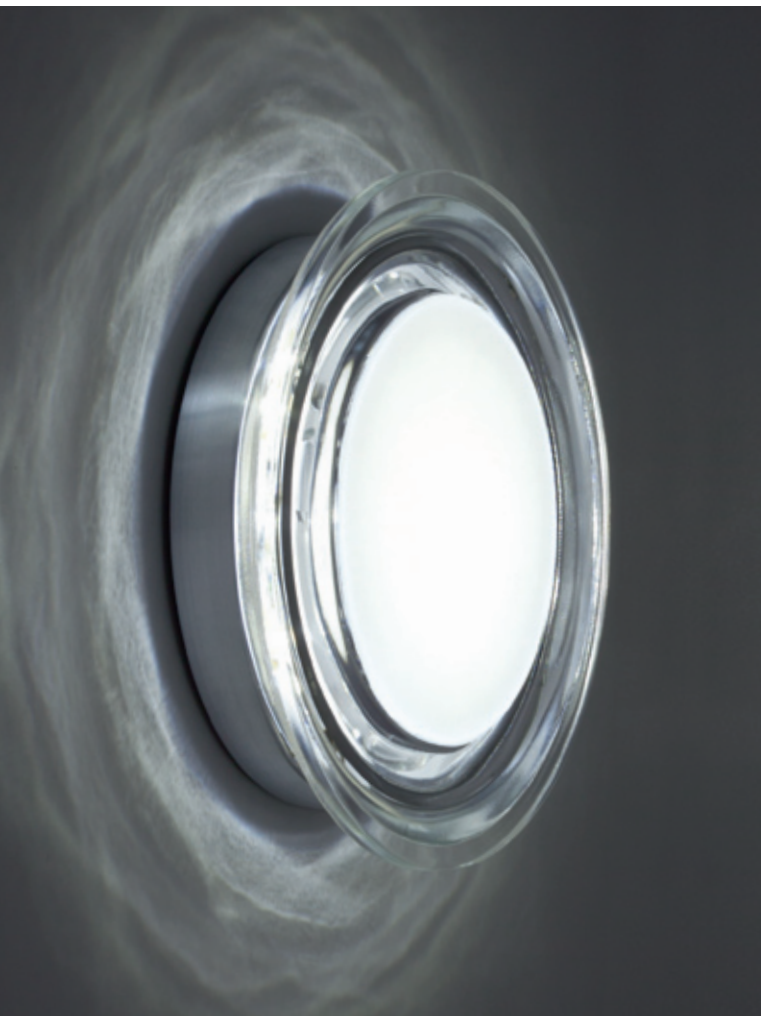
Sidelite Quad

311630.000 L 600, B 600, H 18 1 x LED 58 W 3700K / 4700 lm

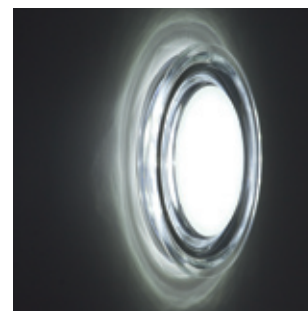
Sidelite Square

311635.000 L 1200, B 300, H 18 1 x LED 58 W 3700K / 4400 lm





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, Recessed ceiling and wall luminaires, Semi-recessed ceiling and wall luminaires

Type of protection: **IP 40**

Protection class: I

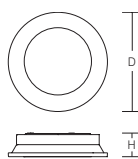
CRI: 80 (LED)

Base: brushed stainless steel. Crystal glass: matt inside. Patented spring fastening system.

LED included.

Available colours: 0 = stainless steel, brushed

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



Ceiling and wall luminaires

Glass D 350 mm

311531.000.1 D 350, H 95

1 x LED 25 W 4000 K / 2100 lm

Dimmable versions are available on request

Accessories

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 120

for luminaires D 300/350

Semi-recessed housing

Recess opening DA 312 mm

981892.000

D 326, HE 90

for luminaires D 300/350





DOUALA KRISTALL

Pendant luminaires

Type of protection: **IP 40**

Protection class: I

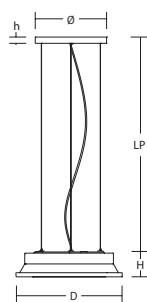
CRI: 80 (LED)

Base: brushed stainless steel. Crystal glass: transparent, partially frosted inside. Patented spring fastening system. 3-point steel cable suspension, adjustable to 1200 mm or customised lengths on request.

LED included.

Available colours: 0 = stainless steel, brushed

LED



Pendant luminaires

Diameter (D) 350 mm

311532.000.1 D 350, H 95

1 x LED 25 W 4000K / 2100 lm

Dimmable versions are available on request



reddot design award
winner 2011

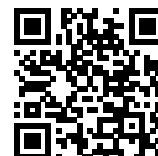


NOMINEE



DOUALA WHITE

Ceiling and wall luminaires, Recessed ceiling and wall luminaires, Semi-recessed ceiling and wall luminaires



Type of protection: **IP 40**

Protection class: I

CRI: 80 (LED)

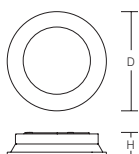
Base: brushed stainless steel. Hand-blown triple-layer opal glass, satin finish. Patented spring fastening system.

LED included.

Available colours: 0 = stainless steel, brushed

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

LED



Ceiling and wall luminaires

Glass D 350 mm

311533.000	D 350, H 95	1 x LED 25 W 3000 K / 1950 lm
311533.000.1	D 350, H 95	1 x LED 25 W 4000 K / 2100 lm
311564.000	D 350, H 95	1 x T16-R 22 W

Glass D 460 mm

311537.000	D 460, H 105	1 x LED 30 W 3000 K / 2650 lm
311537.000.1	D 460, H 105	1 x LED 30 W 4000 K / 2800 lm
311535.000	D 460, H 105	1 x T16-R 22 W + 40 W

Dimmable versions are available on request

Accessories

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 120	for luminaires D 300/350
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Recess opening DA 510 mm

981762.000	D 524, HE 150	for luminaires D 400/460
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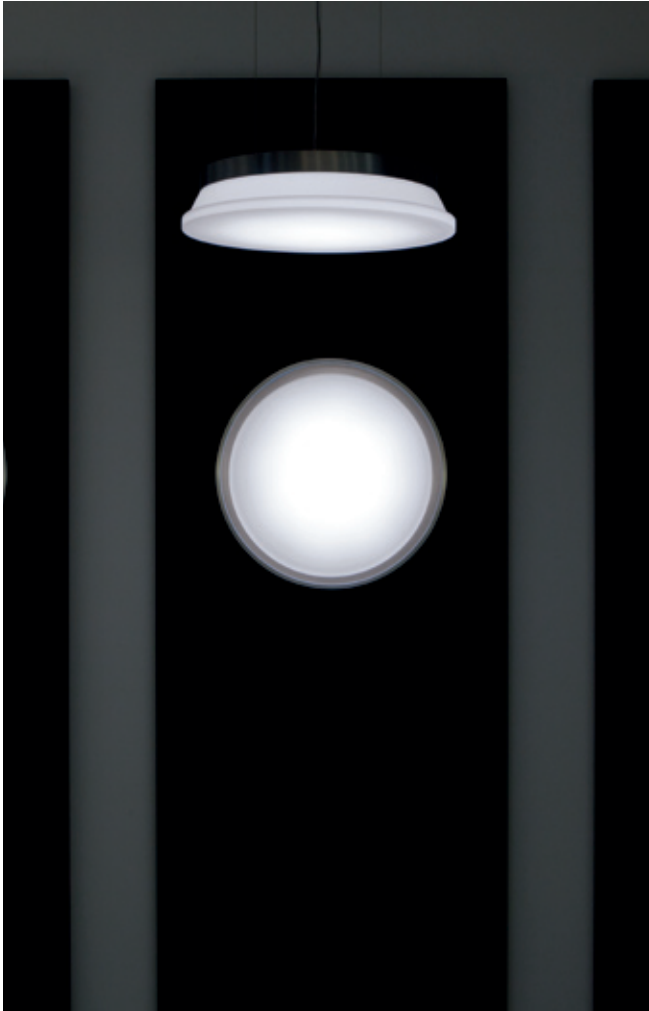
Semi-recessed housing

Recess opening DA 312 mm

981892.000	D 326, HE 90	for luminaires D 300/350
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Recess opening DA 410 mm

981763.000	D 426, HE 90	for luminaires D 400/460
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DOUALA WHITE

Pendant luminaires

Type of protection: **IP 40**

Protection class: I

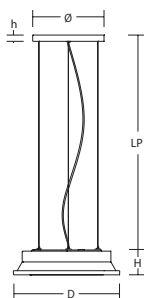
CRI: 80 (LED)

Base: brushed stainless steel. Mouth-blown, 3-layer opal glass, satin finish. Patented spring fastening system. 3-point steel cable suspension, adjustable to 1200 mm or customised lengths on request.

LED included.

Available colours: 0 = stainless steel, brushed

LED



Pendant luminaires

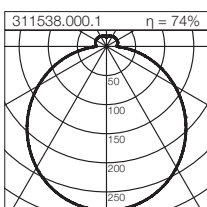
Diameter (D) 350 mm

311534.000	D 350, H 95	1 x LED 25 W 3000 K / 1950 lm
311534.000.1	D 350, H 95	1 x LED 25 W 4000 K / 2100 lm
311558.000	D 350, H 95	1 x T16-R 22 W

Diameter (D) 460 mm

311538.000	D 460, H 105	1 x LED 30 W 3000 K / 2650 lm
311538.000.1	D 460, H 105	1 x LED 30 W 4000 K / 2800 lm
311536.000	D 460, H 105	1 x T16-R 22 W + 40 W

Dimmable versions are available on request





DOUALA

Ceiling and wall luminaires, Recessed ceiling and wall luminaires, Semi-recessed ceiling and wall luminaires



Type of protection: **IP 40**

Protection class: I

CRI: 80 (LED)

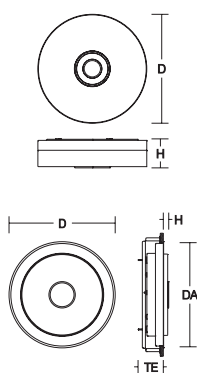
Base: brushed stainless steel. Mouth-blown, 3-layer opal glass, satin finish. Patented spring fastening system.

LED included.

Available colours: 0 = stainless steel, brushed

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

LED



Ceiling and wall luminaires

Glass D 300 mm

311560.000	D 300, H 95	1 x LED 30 W 3000K / 1950 lm
311560.000.1	D 300, H 95	1 x LED 30 W 4000K / 2100 lm
311561.000	D 300, H 95	1 x T16-R 22 W

Glass D 400 mm

311566.000.1	D 400, H 102	1 x LED 45 W 3000K / 2650 lm
311566.000.2	D 400, H 102	1 x LED 45 W 4000K / 2800 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
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Dimmable versions are available on request

Accessories

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 120	for luminaires D 300/350
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Recess opening DA 510 mm

981762.000	D 524, HE 150	for luminaires D 400/460
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Semi-recessed housing

Recess opening DA 312 mm

981892.000	D 326, HE 90	for luminaires D 300/350
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Recess opening DA 410 mm

981763.000	D 426, HE 90	for luminaires D 400/460
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DOUALA

Pendant luminaires

Type of protection: **IP 40**

Protection class: I

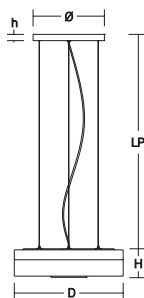
CRI: 80 (LED)

Base: brushed stainless steel. Mouth-blown, 3-layer opal glass, satin finish. Patented spring fastening system. 3-point steel cable suspension, adjustable to 1 200 mm or customised lengths on request.

LED included.

Available colours: 0 = stainless steel, brushed

LED



Pendant luminaires

Diameter (D) 300 mm

311562.000	D 300, H 95	1 x LED 25 W 3000 K / 1950 lm
311562.000.1	D 300, H 95	1 x LED 25 W 4000 K / 2100 lm
311563.000	D 300, H 95	1 x T16-R 22 W

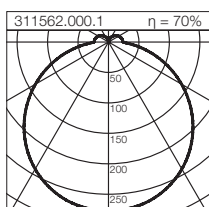
Diameter (D) 400 mm

311567.000.1	D 400, H 102	1 x LED 30 W 3000 K / 2650 lm
311567.000.2	D 400, H 102	1 x LED 30 W 4000 K / 2800 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
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Dimmable versions are available on request



reddot design award
winner 2010



NOMINIERT





light control 

RING OF FIRE

Pendant luminaires

Type of protection: IP 20
Protection class: I
CRI: 80 (LED)

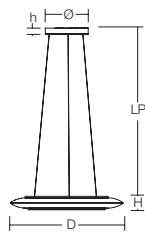
LED

Supporting ring: aluminium. Diffuser: hand-blown opal glass, satin finish. Canopy: Ø 263, 38 mm high, aluminium. Adjustable steel cable (up to 1,200 mm).

With multi converter for standard mains mode or control via: DMX, DALI, and 1-10V. The luminaire can be dimmed manually via integrated infrared receiver (remote control must be ordered separately).

LED included.

Available colours: 4 = aluminium, anodised



Pendant luminaires

311570.004	D 690, H 81	1 x LED 60 W 3000 K / 3900 lm
311570.004.1	D 690, H 81	1 x LED 60 W 4000 K / 4300 lm



reddot design award
winner 2012





CYLIO

Ceiling luminaires

Type of protection: IP 20
Protection class: I
Base: aluminium with brushed stainless steel finish. Cylindrical crystal glass: transparent.
Diffuser fastening: bayonet fixing
Available colours: 0 = stainless steel, brushed



Ceiling luminaires		
311571.770.79	D 150, H 190	1 x HIT-TC-CE 20 W
311572.770.79	D 150, H 190	1 x HIT-TC-CE 35 W
311573.770.79	D 150, H 190	1 x HIT-TC-CE 50 W



CYLIO

Pendant luminaires

Type of protection: IP 20
Protection class: I
Base: aluminium, brushed stainless steel look finish. Transparent crystal cylinder, partially frosted; cylinder fastening: bayonet system.
Available colours: 0 = stainless steel, brushed



Pendant luminaires		
311574.770.79	D 150, H 190	1 x HIT-TC-CE 20 W
311575.770.79	D 150, H 190	1 x HIT-TC-CE 35 W
311576.770.79	D 150, H 190	1 x HIT-TC-CE 50 W



- Ideal for use with movement sensors thanks to virtually unlimited switching capacity and immediate provision of light when switched on
- Energy savings of around 50 percent (compared to luminaires fitted with compact fluorescent lamps)
- LED technology for high levels of energy efficiency
- Two different diffusers for a wide range of uses: PMMA and PC
- With patented locking technology
- Luminaire can be opened without tools
- Flat design
- Wiring conveniently channelled through the lower section of the base
- LED included

FLAT POLYMER® ECO-LED

Ceiling and wall luminaires

Type of protection: **IP 40**

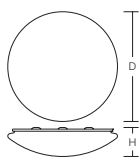
Protection class: I

Base: metal, powder-coated. Diffuser: plastic (PMMA), opal or plastic (polycarbonate), opal. Diffuser fastening: patented locking technology (pressure lock).

LED included.

Available colours: 2 = white

LED



Ceiling and wall luminaires

Diffuser: plastic (PMMA)

D 300 mm

311625.002.1	D 300, H 100	3 x LED 4 W (Ra 70) 6300 K / 690 lm
311625.002.3	D 300, H 100	3 x LED 4 W (Ra 80) 3000 K / 540 lm

D 360 mm

311568.002.1	D 360, H 100	3 x LED 4 W (Ra 70) 6300 K / 690 lm
311568.002.3	D 360, H 100	3 x LED 4 W (Ra 80) 3000 K / 540 lm
311569.002.1	D 360, H 100	4 x LED 4 W (Ra 70) 6300 K / 920 lm
311569.002.3	D 360, H 100	4 x LED 4 W (Ra 80) 3000 K / 720 lm

Diffuser: plastic (polycarbonate)

D 300 mm

311625.002.2	D 300, H 100	3 x LED 4 W (Ra 70) 6300 K / 690 lm
311625.002.4	D 300, H 100	3 x LED 4 W (Ra 80) 3000 K / 540 lm

D 360 mm

311568.002.2	D 360, H 100	3 x LED 4 W (Ra 70) 6300 K / 690 lm
311568.002.4	D 360, H 100	3 x LED 4 W (Ra 80) 3000 K / 540 lm
311569.002.2	D 360, H 100	4 x LED 4 W (Ra 70) 6300 K / 920 lm
311569.002.4	D 360, H 100	4 x LED 4 W (Ra 80) 3000 K / 720 lm



- Ideal for use in stairwells, corridors, classrooms and residents' rooms
- Fully functional LED replacement for the commonly used version with 2 x TC-F 36 W
- Maximum efficiency with more than 91 lm/W (2 x TC-F 36 W: >41 lm/W)
- Suitable for use with AC / DC (186-250 V) Central Battery systems
- Ideal for use with movement sensors thanks to virtually unlimited switching capacity and immediate provision of light when switched on
- With patented locking technology
- Luminaire can be opened without tools
- Wiring conveniently channelled through the lower section of the base
- LED included



FLAT POLYMER® LED „HIGH EFFICIENCY“

Ceiling and wall luminaires



Type of protection: **IP 40**

Protection class: I

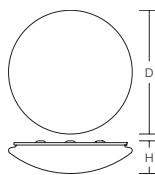
CRI: 80

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 460 mm

LED „High Efficiency“: 1700 lm luminous flux

311592.002.1	D 460, H 120	2 x LED 8,2 W 4000 K
311592.002.1.76	D 460, H 120	2 x LED 8,2 W 4000 K
311592.002.1.78	D 460, H 120	2 x LED 8,2 W 4000 K
311592.002	D 460, H 120	2 x LED 8,2 W 3000 K
311592.002.76	D 460, H 120	2 x LED 8,2 W 3000 K
311592.002.78	D 460, H 120	2 x LED 8,2 W 3000 K

D 515 mm

LED „High Efficiency“: 1700 lm luminous flux

311594.002.1	D 515, H 150	2 x LED 8,2 W 4000 K
311594.002.1.76	D 515, H 150	2 x LED 8,2 W 4000 K
311594.002.1.78	D 515, H 150	2 x LED 8,2 W 4000 K
311594.002	D 515, H 150	2 x LED 8,2 W 3000 K
311594.002.76	D 515, H 150	2 x LED 8,2 W 3000 K
311594.002.78	D 515, H 150	2 x LED 8,2 W 3000 K

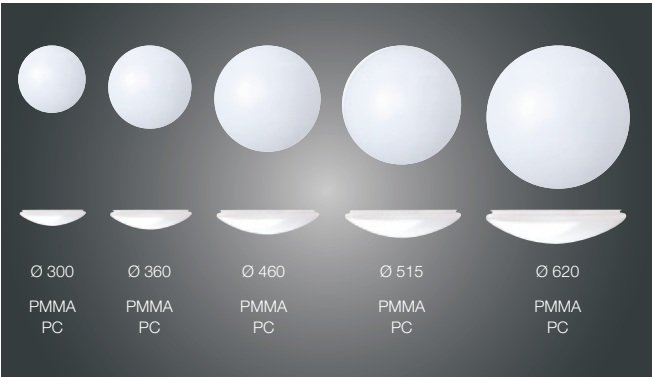
LED „High Efficiency“: 3300 lm luminous flux

311593.002.1	D 515, H 150	4 x LED 8,2 W 4000 K
311593.002.1.76	D 515, H 150	4 x LED 8,2 W 4000 K
311593.002.1.78	D 515, H 150	4 x LED 8,2 W 4000 K
311593.002	D 515, H 150	4 x LED 8,2 W 3000 K
311593.002.76	D 515, H 150	4 x LED 8,2 W 3000 K
311593.002.78	D 515, H 150	4 x LED 8,2 W 3000 K

For additional versions with diffusers made of shockproof polycarbonate see www.rzb.de



Our Flat Polymero series:



FLAT POLYMER® 300

Ceiling and wall luminaires

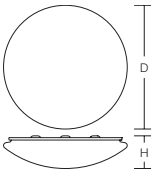
Type of protection: **IP 40**
Protection class: I

Base: metal, powder-coated. Diffuser: plastic (PMMA), opal or plastic (polycarbonate), opal.
Diffuser fastening: patented locking technology (pressure lock).

LED included.

Available colours: 2 = white

LED



Ceiling and wall luminaires

Diffuser: plastic (PMMA)

D 300 mm

311626.002.1	D 300, H 100	4 x LED 3 W (Ra 80) 5000 K / 1160 lm
311626.002.3	D 300, H 100	4 x LED 3 W (Ra 80) 3000 K / 1000 lm
311627.002.1	D 300, H 100	6 x LED 3 W (Ra 80) 5000 K / 1740 lm
311627.002.3	D 300, H 100	6 x LED 3 W (Ra 80) 3000 K / 1500 lm
311624.912.79	D 300, H 100	2 x TC-EL 9 W
311623.862.79	D 300, H 100	1 x TC-F 24 W

Diffuser: plastic (polycarbonate)

D 300 mm

311626.002.2	D 300, H 100	4 x LED 3 W (Ra 80) 5000 K / 1160 lm
311626.002.4	D 300, H 100	4 x LED 3 W (Ra 80) 3000 K / 1000 lm
311627.002.2	D 300, H 100	6 x LED 3 W (Ra 80) 5000 K / 1740 lm
311627.002.4	D 300, H 100	6 x LED 3 W (Ra 80) 3000 K / 1500 lm
311624.912.79	D 300, H 100	2 x TC-EL 9 W
311623.862.79	D 300, H 100	1 x TC-F 24 W

- Ideal for applications that require high IP ratings
- Quality cast aluminium base
- Maintenance-free during LED life span
- Ideal for use with movement sensors thanks to virtually unlimited switching capacity and immediate provision of light when switched on
- Luminaire can be opened without tools



FLAT POLYMER® ALU

Ceiling and wall luminaires

Type of protection:

IP 43 ceiling mounting,

IP 44 wall mounting

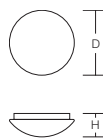
Protection class: I

Base: die-cast aluminium, powder-coated.

Diffuser: PMMA (opal) or polycarbonate (opal), shockproof. Diffuser fastening: bayonet system.

Available colours: 2 = white

LED



Ceiling and wall luminaires

Diffuser: plastic (PMMA)

Diameter (D) 230 mm

311644.002.1	D 230, H 110	3 x LED 4 W (Ra 70) 6300 K / 690 lm
311644.002.3	D 230, H 110	3 x LED 4 W (Ra 80) 3000 K / 540 lm

Diameter (D) 350 mm

311647.002.1	D 350, H 130	6 x LED 3 W (Ra 80) 5000 K / 1740 lm
311647.002.3	D 350, H 130	6 x LED 3 W (Ra 80) 3000 K / 1500 lm
311646.002.1	D 350, H 130	5 x LED 4 W (Ra 70) 6300 K / 1150 lm
311646.002.3	D 350, H 130	5 x LED 4 W (Ra 80) 3000 K / 900 lm

311649.952.79	D 350, H 130	2 x TC-DEL 26 W
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311648.862.79	D 350, H 130	1 x TC-F 36 W
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311645.002	D 350, H 130	1 x T16-R 22 W
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311645.002.76	D 350, H 130	1 x T16-R 22 W
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311645.002.78	D 350, H 130	1 x T16-R 22 W
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Diffuser: plastic (polycarbonate)

Diameter (D) 230 mm

311644.002.2	D 230, H 110	3 x LED 4 W (Ra 70) 6300 K / 690 lm
311644.002.4	D 230, H 110	3 x LED 4 W (Ra 80) 3000 K / 540 lm

Diameter (D) 350 mm

311647.002.2	D 350, H 130	6 x LED 3 W (Ra 80) 5000 K / 1740 lm
311647.002.4	D 350, H 130	6 x LED 3 W (Ra 80) 3000 K / 1500 lm
311646.002.2	D 350, H 130	5 x LED 4 W (Ra 70) 6300 K / 1150 lm
311646.002.4	D 350, H 130	5 x LED 4 W (Ra 80) 3000 K / 900 lm

311649.952.1.79	D 350, H 130	2 x TC-DEL 26 W
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311648.862.1.79	D 350, H 130	1 x TC-F 36 W
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311645.002.1	D 350, H 130	1 x T16-R 22 W
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311645.002.1.76	D 350, H 130	1 x T16-R 22 W
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311645.002.1.78	D 350, H 130	1 x T16-R 22 W
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- Featuring the classic cylinder shape, this luminaire rounds out our Flat Polymero® product family
- Available in four different sizes and with many lamp options
- Complements our popular Flat Polymero® XXL Kreis luminaire
- Two different diffusers for a wide range of uses: PMMA and PC 
- With patented locking technology
- Luminaire can be opened without tools

FLAT POLYMERO® KREIS

Ceiling and wall luminaires



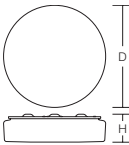
Type of protection: **IP 40**
Protection class: I
CRI: 80

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

LED included.

Available colours: 2 = white

LED



Ceiling and wall luminaires

Diffuser: plastic (PMMA)

Diameter (D) 300 mm

311620.002.1	D 300, H 80	6 x LED 3 W 5000 K / 1740 lm
311620.002.3	D 300, H 80	6 x LED 3 W 3000 K / 1500 lm

Diameter (D) 360 mm

311610.002.1	D 360, H 87	6 x LED 3 W 5000 K / 1740 lm
311610.002.3	D 360, H 87	6 x LED 3 W 3000 K / 1500 lm

Diameter (D) 460 mm

311611.002.1	D 460, H 93	8 x LED 3 W 5000 K / 2320 lm
311611.002.3	D 460, H 93	8 x LED 3 W 3000 K / 2000 lm

with movement sensor

311611.002.1.19	D 460, H 93	8 x LED 3 W 5000 K / 2320 lm
311611.002.3.19	D 460, H 93	8 x LED 3 W 3000 K / 2000 lm


Diameter (D) 515 mm

311612.002.1	D 515, H 98	8 x LED 3 W 5000 K / 2320 lm
311612.002.3	D 515, H 98	8 x LED 3 W 3000 K / 2000 lm
311613.002.1	D 515, H 98	10 x LED 3 W 5000 K / 2900 lm
311613.002.3	D 515, H 98	10 x LED 3 W 3000 K / 2500 lm

with movement sensor

311612.002.3.19	D 515, H 98	8 x LED 3 W 3000 K / 2000 lm
311612.002.1.19	D 515, H 98	8 x LED 3 W 5000 K / 2320 lm

For additional versions with diffusers made of shockproof polycarbonate and luminaires fitted with compact fluorescent lamps see www.rzb.de

- The classic shape of our DKN® series, coupled with state-of-the-art technology
- Available in two different sizes and with many lamp options
- Two different diffusers for a wide range of uses: PMMA and PC 
- With patented locking technology
- Luminaire can be opened without tools



POLYMERO® CLASSIC

Ceiling and wall luminaires

Type of protection: **IP 40**

Protection class: I

Base: metal, powder-coated. Diffuser: PMMA (opal) or polycarbonate (opal), shockproof.

Diffuser fastening: patented push lock.

LED included.

Available colours: 2 = white

LED



Ceiling and wall luminaires

Diffuser: plastic (PMMA) opal

Diameter (D) 250 mm

311638.002.1	D 250, H 80	4 x LED 3 W (Ra 80) 5000 K / 1160 lm
311638.002.3	D 250, H 80	4 x LED 3 W (Ra 80) 3000 K / 1000 lm
311639.002.1	D 250, H 80	2 x LED 4 W (Ra 70) 6300 K / 460 lm
311639.002.3	D 250, H 80	2 x LED 4 W (Ra 80) 3000 K / 360 lm

Diameter (D) 300 mm

311640.002.1	D 300, H 90	6 x LED 3 W (Ra 80) 5000 K / 1740 lm
311640.002.3	D 300, H 90	6 x LED 3 W (Ra 80) 3000 K / 1500 lm
311641.002.1	D 300, H 90	3 x LED 4 W (Ra 70) 6300 K / 690 lm
311641.002.3	D 300, H 90	3 x LED 4 W (Ra 80) 3000 K / 540 lm
311642.912.79	D 300, H 90	2 x TC-EL 9 W
311643.862.79	D 300, H 90	1 x TC-F 24 W

Diffuser: plastic (polycarbonate) opal

Diameter (D) 250 mm

311638.002.2	D 250, H 80	4 x LED 3 W (Ra 80) 5000 K / 1160 lm
311638.002.4	D 250, H 80	4 x LED 3 W (Ra 80) 3000 K / 1000 lm
311639.002.2	D 250, H 80	2 x LED 4 W (Ra 70) 6300 K / 460 lm
311639.002.4	D 250, H 80	2 x LED 4 W (Ra 80) 3000 K / 360 lm

Diameter (D) 300 mm

311640.002.2	D 300, H 90	6 x LED 3 W (Ra 80) 5000 K / 1740 lm
311640.002.4	D 300, H 90	6 x LED 3 W (Ra 80) 3000 K / 1500 lm
311641.002.2	D 300, H 90	3 x LED 4 W (Ra 70) 6300 K / 690 lm
311641.002.4	D 300, H 90	3 x LED 4 W (Ra 80) 3000 K / 540 lm
311642.912.1.79	D 300, H 90	2 x TC-EL 9 W
311643.862.1.79	D 300, H 90	1 x TC-F 24 W



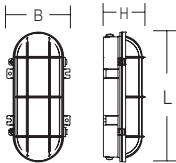
MAXI ALUMINIUM OVAL BULKHEAD LUMINAIRE

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

LED



Ceiling and wall luminaires				
501021.00X	L 430, B 200, H 130	5 x LED	4 W (Ra 70)	6300 K / 1150 lm
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	

ENERGY EFFICIENCY
AND SUSTAINABILITY

The „classic“ among the functional lights:
now available with mains voltage LED.
Robust, durable, and easy to install;
insensitive to frequent switching ON/OFF
(e.g. by a motion sensor), affordable, and
maintenance-free during LED life span
(35,000 hours). This means that a lamp
that’s on for 3 hours a day will last 32
years.



OVAL BULKHEAD ECO-LED

Oval bulkhead luminaires, plastic, impact resistant

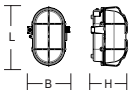
Type of protection: **IP 44**
Protection class: I

Housing: plastic with snap-on protective
guard, lucid cristal glass cover, galvanized
protective guard, 5 cable entries.

LED included.

Available colours: 9 = grey

LED



Ceiling and wall luminaires

501028.009	L 176, B 122, H 110	1 x LED 4 W (Ra 70) 6300 K / 230 lm
501028.009.1	L 176, B 122, H 110	1 x LED 4 W (Ra 80) 3000 K / 180 lm





Indoor lighting

Downlights and projectors



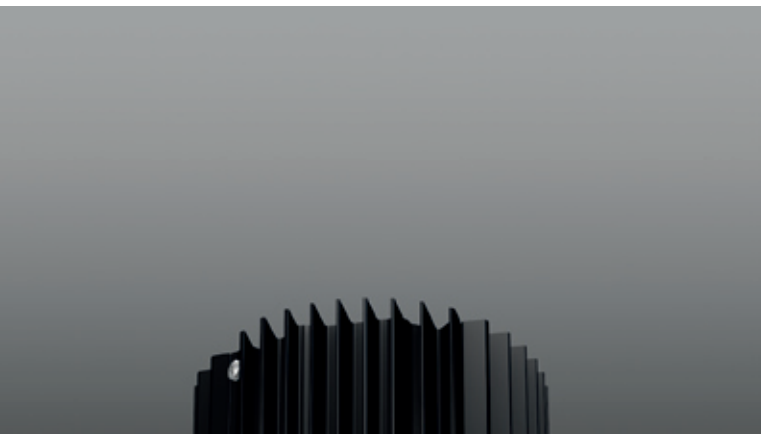
42 43 44 45 46



48 49 50 51



52 53 54 55



HELEDON® ROUND

Recessed downlights

Type of protection:

IP 23 = LED,

IP 43 = QT, HIT

Protection class: I

Housing: aluminium profile designed as a heat sink. Mounting frame: powder-coated steel sheet. Magnetically attached cover frame: die-cast aluminium; with integrated high gloss anodised aluminium reflector.

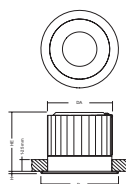
LED included.

Modular design: LED converter must be ordered separately.

Available colours (X):

2 = white, 4 = silver metallic

LED



Recessed downlights

Ceiling cutout DA 140 mm, HE 110 mm

LED included: 2000 lm, CRI 83, passive cooling

901354.00X.1 D 156, H 4 1 x LED 24 W 4000 K/20°

901355.00X.1 D 156, H 4 1 x LED 24 W 4000 K/40°

901356.00X.1 D 156, H 4 1 x LED 24 W 4000 K/60°

901354.00X D 156, H 4 1 x LED 25 W 3000 K/20°

901355.00X D 156, H 4 1 x LED 25 W 3000 K/40°

901356.00X D 156, H 4 1 x LED 25 W 3000 K/60°

LED included: 3000 lm, CRI 83, passive cooling

901357.00X.1 D 156, H 4 1 x LED 28 W 4000 K/20°

901358.00X.1 D 156, H 4 1 x LED 28 W 4000 K/40°

901359.00X.1 D 156, H 4 1 x LED 28 W 4000 K/60°

901357.00X D 156, H 4 1 x LED 29 W 3000 K/20°

901358.00X D 156, H 4 1 x LED 29 W 3000 K/40°

901359.00X D 156, H 4 1 x LED 29 W 3000 K/60°

Versions with CRI 93 available on request

Modules

Converter (ballast) for LED module with plug connection system

981916.000 for LED module bis 2000 lm standard

981917.000 for LED module bis 3000 lm standard

981917.000.76 for LED module bis 3000 lm dimmable DALI



HELEDON® SQUARE

Recessed downlights

Type of protection:

IP 23 = LED,

IP 43 = QT, HIT

Protection class: I

Housing: aluminium profile designed as a heat sink. Mounting frame: powder-coated steel sheet. Magnetically attached cover frame: die-cast aluminium; with integrated high gloss anodised aluminium reflector.

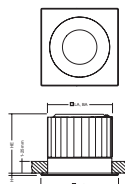
LED included.

Modular design: LED converter must be ordered separately.

Available colours (X):

2 = white, 4 = silver metallic

LED



Recessed downlights

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

LED included: 2000 lm, CRI 83, passive cooling

901348.00X.1 L 135, B 135, H 4 1 x LED 24 W 4000 K/20°

901349.00X.1 L 135, B 135, H 4 1 x LED 24 W 4000 K/40°

901350.00X.1 L 135, B 135, H 4 1 x LED 24 W 4000 K/60°

901348.00X L 135, B 135, H 4 1 x LED 25 W 3000 K/20°

901349.00X L 135, B 135, H 4 1 x LED 25 W 3000 K/40°

901350.00X L 135, B 135, H 4 1 x LED 25 W 3000 K/60°

LED included: 3000 lm, CRI 83, passive cooling

901351.00X.1 L 135, B 135, H 4 1 x LED 28 W 4000 K/20°

901352.00X.1 L 135, B 135, H 4 1 x LED 28 W 4000 K/40°

901353.00X.1 L 135, B 135, H 4 1 x LED 28 W 4000 K/60°

901351.00X L 135, B 135, H 4 1 x LED 29 W 3000 K/20°

901352.00X L 135, B 135, H 4 1 x LED 29 W 3000 K/40°

901353.00X L 135, B 135, H 4 1 x LED 29 W 3000 K/60°

Versions with CRI 93 available on request

Modules

Converter (ballast) for LED module with plug connection system

981916.000 for LED module bis 2000 lm standard

981917.000 for LED module bis 3000 lm standard

981917.000.76 for LED module bis 3000 lm dimmable DALI



PASCALA® ROUND HI

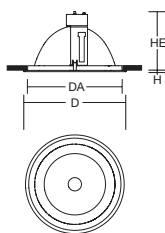
Recessed downlights

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

Bracket: metal, galvanised. Recessed and
bezel ring: die-cast aluminium. Reflector:
aluminium. Transparent safety glass. Control
gears in separate gearbox. Control gear to
luminaire connection via plug connector.

**Modular design: An electronic ballast must
always be ordered for each basic lumi-
naire!**

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



Recessed downlights

suitable for HIT-CE 35 W, 50 W, 70 W and 150 W (G12 socket),
the wattage is determined by the ballast used

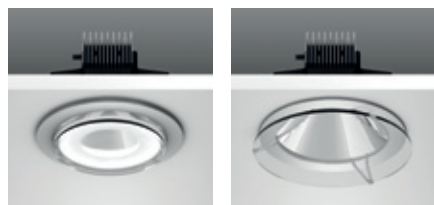
Flat version, ceiling cutout DA 228 mm, HE 150 mm

901319.77X	D 241, H 3	1 x HIT-CE/30°
901318.77X	D 241, H 3	1 x HIT-CE/70°

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



A wide range of acces-
sories for this series can be
found on page 47.



PASCALA® SQUARE HI

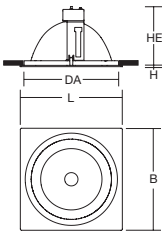
Recessed downlights

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

Bracket: metal, galvanised. Recessed and
bezel ring: die-cast aluminium. Reflector:
aluminium. Transparent safety glass. Control
gears in separate gearbox. Control gear to
luminaire connection via plug connector.

**Modular design: An electronic ballast must
always be ordered for each basic lumi-
naire!**

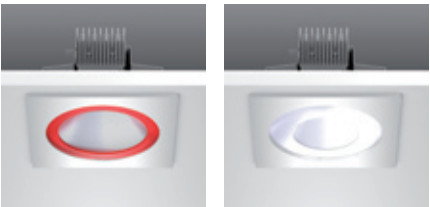
Available colours (X):
2 = white, 4 = silver metallic



Recessed downlights
suitable for HIT-CE 35 W, 50 W, 70 W and 150 W (G12 socket),
the wattage is determined by the ballast used
Flat version, ceiling cutout DA 228 mm, HE 150 mm

901323.77X	L 242, B 242, H 3	1 x HIT-CE/30°
901322.77X	L 242, B 242, H 3	1 x HIT-CE/70°

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



A wide range of acces-
sories for this series can be
found on page 47.



PASCALA® SQUARE LED

Recessed downlights

Type of protection: IP 20,
IP 54 with corresponding accessories
Protection class: I
UGR: < 19

Mounting bracket: aluminium. Inner ring and square cover plate: die-cast aluminium. Truncated-cone reflector made of **MIRO-SILVER**, with 98 percent total light reflection.

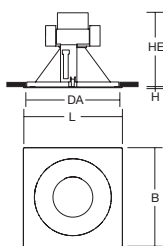
LED included.

Modular design: The ballast for the LED module must be ordered separately.

Available colours (X):

2 = white, 4 = silver metallic

LED



Recessed downlights

With Fortimo DLM 2,000 lm LED module, CRI 80
Ceiling cutout DA 228 mm, HE 181 mm

901312.00X	L 242, B 242, H 2	1 x LED	21 W 4000 K/57°
901313.00X	L 242, B 242, H 2	1 x LED	23 W 3000 K/57°

With Fortimo DLM 3,000 lm LED module: 3000 lm, CRI 80
Ceiling cutout DA 228 mm, HE 191 mm

901314.00X	L 242, B 242, H 2	1 x LED	35 W 4000 K/70°
901315.00X	L 242, B 242, H 2	1 x LED	39 W 3000 K/70°

Module

Ballast for LED module including plug connection

981842.002	for LED module 1100 - 2000 lm	standard
981842.002.76	for LED module 1100 - 2000 lm	dimmmable DALI
981916.002	for LED module 3000 lm	standard
981916.002.76	for LED module 3000 lm	dimmmable DALI

Recessed downlights

LED Fortimo Twistable module must be ordered separately.

No ballast necessary!

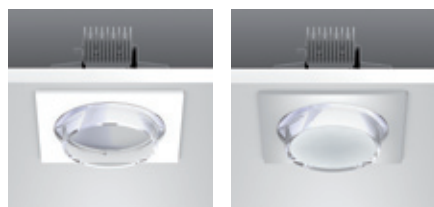
Ceiling cutout DA 228 mm, HE 160 mm

901311.00X	L 242, B 242, H 2	1 x LED/65°
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Modules

LED modules Fortimo Twistable 1100 lm, CRI 80

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



A wide range of accessories for this series can be found on page 47.



PASCALA®

Accessories for Pascala recessed downlights

Accessories

for Pascala Round

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 rings, satin finish (coloured)

981754.00X	transparent
981754.03X	red
981754.04X	green
981754.05X	blue
981754.06X	yellow

Decorative cylinder, closed, IP 54

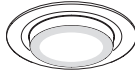
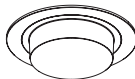
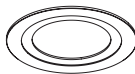
981756.00X	Glass, transparent
981756.01X	Glass, matt
981756.02X	Covering surface: transparent; floor: matt
981756.03X	Covering surface: transparent; floor: partially matt (centre: transparent)

Decorative cylinder, open

981755.00X	Glass, transparent
981755.01X	Glass, matt

Decorative designer glass cover with lens IP 54

981757.00X	transparent
981757.01X	matt
981757.02X	Covering surface: transparent; floor: matt
981757.03X	Covering surface: transparent; floor: partially matt (centre: transparent)



Accessories with square cover plate

that can be mounted to Pascala Round

Diffuser: safety glass IP 54

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

Decorative rings, satin finish (coloured)

981896.00X	transparent
981896.03X	red
981896.04X	green
981896.05X	blue
981896.06X	yellow

Decorative cylinder, closed IP 54

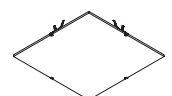
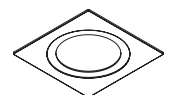
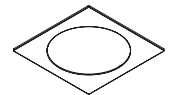
981897.00X	Glass, transparent
981897.004	Glass, transparent
981897.01X	Glass, matt
981897.02X	Covering surface: transparent; floor: matt
981897.03X	Covering surface: transparent; floor: partially matt (centre: transparent)

Decorative cylinder, open

981898.00X	Glass, transparent
981898.01X	Glass, matt

Decorative designer glass cover with lens IP 54

981899.00X	transparent
981899.01X	matt
981899.02X	Covering surface: transparent; floor: matt
981899.03X	Covering surface: transparent; floor: partially matt (centre: transparent)



Accessories with square cover plate

that can be mounted to Pascala Square

Decorative attachment (hanging down)

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



RONDOS DS LED

Recessed projectors

Type of protection: IP 20
Protection class: I

LED

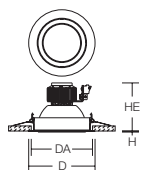
Recessed ring: sheet steel; bayonet ring and luminaire housing: die-cast aluminium; cooling element: aluminium extrusion profile; passive cooling with 2,000 lm, active cooling with 3,000 lm; reflector: aluminium; spring fastening system; rotation range: 178°; swivel range: ± 35°.

LED and LED converter included.

Modular design: Reflector unit (consisting of bayonet ring, safety glass and reflector) must be ordered separately

Available colours (X):

2 = white, 4 = silver metallic



Recessed projectors Rondos DS LED

Ceiling cutout DA 180 mm, HE 180 mm

LED included: 2000 lm, CRI 80, passive cooling

without reflector

721686.00X	D 195, H 3	1 x LED 18 W 4000 K
721686.00X.76	D 195, H 3	1 x LED 18 W 4000 K
721685.00X	D 195, H 3	1 x LED 19 W 3000 K
721685.00X.76	D 195, H 3	1 x LED 19 W 3000 K

LED included: 3000 lm, CRI 80, active cooling

without reflector

721688.00X	D 195, H 3	1 x LED 26 W 4000 K
721688.00X.76	D 195, H 3	1 x LED 26 W 4000 K
721687.00X	D 195, H 3	1 x LED 28 W 3000 K
721687.00X.76	D 195, H 3	1 x LED 28 W 3000 K

Versions with CRI 90 available on request

Modules

Reflector unit for Rondos DS LED and Golas EVO LED

must be ordered separately

981885.00X	D 140, H 72 mm	Reflector 22°
981885.01X	D 140, H 72 mm	Reflector 38°



GOLAS EVO

Recessed projectors

Type of protection: IP 20
Protection class: I

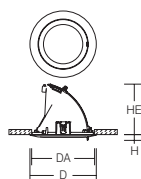
LED

Recessed ring, bayonet ring and luminaire housing: die-cast aluminium. Cooling element made of extruded aluminium. Passive cooling at 2,000 lm; active cooling at 3,000 lm. Reflector made of aluminium. Spring fastening system. Rotation range: 356°; tilt range: 65°.

LED and LED converter included.

Modular design: reflector unit comprising bayonet ring, safety glass cover and reflector must be ordered separately.

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



Recessed projectors Golas EVO LED

Ceiling cutout DA 185 mm, HE 145 mm

LED included: 2000 lm, CRI 80, passive cooling

911152.00X	D 195, H 14	1 x LED	18 W 4000 K
911151.00X	D 195, H 14	1 x LED	19 W 3000 K

LED included: 3000 lm, CRI 80, active cooling

911154.00X	D 195, H 14	1 x LED	26 W 4000 K
911153.00X	D 195, H 14	1 x LED	28 W 3000 K

Modules

Reflector unit for Rondos DS LED and Golas EVO LED must be ordered separately

981885.00X	D 140, H 72 mm	Reflektor 22°
981885.01X	D 140, H 72 mm	Reflektor 38°

Recessed projectors Golas EVO HI

Ceiling cutout DA 185 mm, HE 145 mm

suitable for HIT-CE 35 W, 50 W and 70 W (G12 socket), the wattage is determined by the ballast used

721713.77X	D 195, H 14	1 x HIT-CE
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Modules

Reflector unit for Rondos DS HI and Golas EVO HI must be ordered separately

981886.03X	D 140, H 72 mm	Reflektor 15°
981886.04X	D 140, H 72 mm	Reflektor 24°
981886.05X	D 140, H 72 mm	Reflektor 47°

Ballasts with Wieland plug connection system

981575.000	EB for 1 x 35 W HIT-CE	G12
981826.000	EB for 1 x 50 W HIT-CE	G12
981573.000	EB for 1 x 70 W HIT-CE	G12



PURA SPOT R Mini, Midi, Maxi at a glance (HIT versions)



PURA SPOT R MAXI LED

Recessed projectors

Type of protection: IP 20
Protection class: II

LED

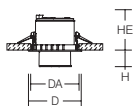
Housing: die-cast aluminium, powder-coated, inner luminaire cover: metal, powder-coated; horizontal rotation range: 356°, vertical swivel range: 65°, installation without tools thanks to spring fastening system; control gears in separate box, the gearbox is connected to the luminaire via a plug connection system. Heat resistant plastic ring, faceted aluminium reflector.

LED included.

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



Recessed projectors

LED included: 2000 lm, CRI 80, passive cooling with one lamp, ceiling cutout DA 170 mm, HE 210 mm

911155.00X	D 180, H 47	1 x LED	18 W 4000 K
911156.00X	D 180, H 47	1 x LED	19 W 3000 K

LED included: 3000 lm, CRI 80, passive cooling with one lamp, ceiling cutout DA 170 mm, HE 210 mm

911160.00X *	D 180, H 47	1 x LED	26 W 4000 K
911161.00X *	D 180, H 47	1 x LED	28 W 3000 K

* suitable only for open ceilings | versions with CRI 90 available on request

Modules

Ballast for LED module including plug connection

981842.002	for LED module 1100 lm - 2000 lm	standard
981842.002.76	for LED module 1100 lm - 2000 lm	dimmmable DALI
981916.002	for LED module 3000 lm	standard
981916.002.76	for LED module 3000 lm	dimmmable DALI

Reflector unit for Pura 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°

Accessories

Anti-glare shield, asymmetric

981849.003	D 119, H 119
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Anti-glare honeycomb louvre

981855.003	D 116, H 20
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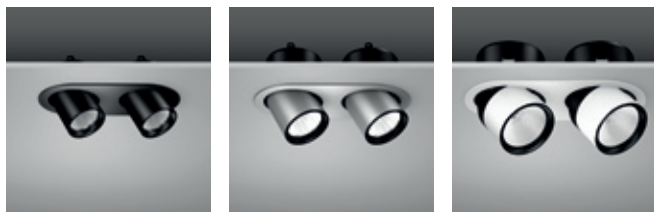
Barn doors

981858.003	L 158, B 145, H 13
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Cross louvre

981852.003	D 116, H 20
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PURA SPOT R Mini, Midi, Maxi at a glance (HIT versions)



PURA SPOT R MAXI LED

Recessed projectors

Type of protection: IP 20
Protection class: II

LED

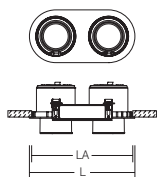
Housing: die-cast aluminium, powder-coated, inner luminaire cover: metal, powder-coated; horizontal rotation range: 356°, vertical swivel range: 65°, installation without tools thanks to spring fastening system; control gears in separate box, the gearbox is connected to the luminaire via a plug connection system. Heat resistant plastic ring, faceted aluminium reflector.

LED included.

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



Recessed projectors

**LED included: 2000 lm, CRI 80, passive cooling
with two lamps, ceiling cutout LA 350 x BA 170 mm, HE 210 mm**

911157.00X	L 360, B 180, H 47	2 x LED	18 W 4000 K
911158.00X	L 360, B 180, H 47	2 x LED	19 W 3000 K

**LED included: 3000 lm, CRI 80, passive cooling
with two lamps, ceiling cutout LA 350 x BA 170 mm, HE 210 mm**

911162.00X *	L 360, B 180, H 47	2 x LED	26 W 4000 K
911163.00X *	L 360, B 180, H 47	2 x LED	28 W 3000 K

* suitable only for open ceilings | versions with CRI 90 available on request

Modules

Ballast for LED module including plug connection

981842.002	for LED module 1100 lm - 2000 lm	standard
981842.002.76	for LED module 1100 lm - 2000 lm	dimnable DALI
981916.002	for LED module 3000 lm	standard
981916.002.76	for LED module 3000 lm	dimnable DALI

Reflector unit for Pura 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°

Accessories

Anti-glare shield, asymmetric

981849.003	D 119, H 119
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Anti-glare honeycomb louvre

981855.003	D 116, H 20
------------	-------------

Barn doors

981858.003	L 158, B 145, H 13
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Cross louvre

981852.003	D 116, H 20
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PURA SPOT S MAXI LED

Surface mounted projectors

Type of protection: IP 20

Protection class: I

Housing: die-cast aluminium, powder-coated, horizontal rotation range: 356°, vertical swivel range: 180°. Heat resistant plastic ring, faceted aluminium reflector. With multi adaptor for 3-circuit tracks 230 V.

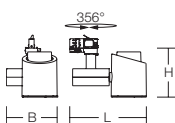
LED included.

Modular design: Reflector unit (consisting of heat resistant plastic ring and reflector) must be ordered separately.

Available colours (X):

2 = white, 3 = black, 4 = silver coloured

LED



Surface mounted projectors

with multi adaptor for 3-circuit tracks 230 V

LED included: 2000 lm, CRI 80, passive cooling

without reflector

741709.00X	L 227, B 146, H 154	1 x LED 18 W 4000 K
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741710.00X	L 227, B 146, H 154	1 x LED 19 W 3000 K
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LED included: 3000 lm, CRI 80, passive cooling

without reflector

741630.00X	L 227, B 146, H 154	1 x LED 26 W 4000 K
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741631.00X	L 227, B 146, H 154	1 x LED 28 W 3000 K
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Versions with CRI 90 available on request

Modules

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°
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Accessories

Anti-glare shield, asymmetric

981849.003	D 119, H 119
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Anti-glare honeycomb louvre

981855.003	D 116, H 20
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Barn doors

981858.003	L 158, B 145, H 13
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Cross louvre

981852.003	D 116, H 20
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PURA SPOT S Mini, Midi, Maxi at a glance (HIT versions)





ARLINE

Surface mounted projectors

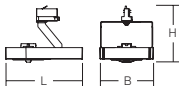
Type of protection: IP 20
Protection class: II

Housing: die-cast aluminium, powder-coated,
projector rotation range: 356° (horizontally);
gimbals swivel range: ± 30° (in any direction);
swivel range: 90° (vertically), with multi adap-
tor for 3-circuit tracks 230 V.

LED included.

Available colours (X):
2 = white, 3 = black, 4 = silver metallic

LED



Surface mounted projectors			
with multi adaptor for 3-circuit tracks 230 V			
LED included: 1620 lm, CRI 85, passive cooling			
741703.00X	L 260, B 180, H 175	1 x LED	
		AR111	25 W 2700 K/24°
741704.00X	L 260, B 180, H 175	1 x LED	
		AR111	25 W 2700 K/45°
LED included: 1945 lm, CRI 85, passive cooling			
741703.00X.1	L 260, B 180, H 175	1 x LED	
		AR111	25 W 4000 K/24°
741704.00X.1	L 260, B 180, H 175	1 x LED	
		AR111	25 W 4000 K/45°





CALIDO® EVO LED

Surface mounted projectors



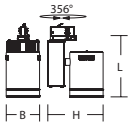
Type of protection: IP 20
Protection class: I



Housing: die-cast aluminium, powder-coated, faceted aluminium reflector, highly polished anodised finish. Safety glass, transparent, partially UV-absorbent, horizontal rotation range: 356°, vertical swivel range: 180°. Control gear incorporated. With multi adaptor for 3-circuit tracks 230 V. Active cooling.

LED included.

Available colours (X):
2 = white, 3 = black, 4 = silver metallic



Surface mounted projectors			
with multi adaptor for 3-circuit tracks 230 V			
with LED module 2000 lm, CRI 80, active cooling			
741694.00X.2	L 167, B 100, H 162	1 x LED	18 W 4000 K / 10°
741695.00X.2	L 167, B 100, H 162	1 x LED	18 W 4000 K / 30°
741696.00X.2	L 167, B 100, H 162	1 x LED	18 W 4000 K / 50°
741694.00X.1	L 167, B 100, H 162	1 x LED	19 W 3000 K / 10°
741695.00X.1	L 167, B 100, H 162	1 x LED	19 W 3000 K / 30°
741696.00X.1	L 167, B 100, H 162	1 x LED	19 W 3000 K / 50°
with LED module 3000 lm, CRI 80, active cooling			
741700.00X.2	L 167, B 100, H 162	1 x LED	26 W 4000 K / 10°
741701.00X.2	L 167, B 100, H 162	1 x LED	26 W 4000 K / 30°
741702.00X.2	L 167, B 100, H 162	1 x LED	26 W 4000 K / 50°
741700.00X.1	L 167, B 100, H 162	1 x LED	28 W 3000 K / 10°
741701.00X.1	L 167, B 100, H 162	1 x LED	28 W 3000 K / 30°
741702.00X.1	L 167, B 100, H 162	1 x LED	28 W 3000 K / 50°

Versions with CRI 90 available on request





ID ENTITY® LED

Surface mounted projectors

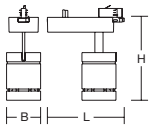
Type of protection: IP 20
Protection class: I

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-phase track: 230 V.
Active cooling.
LED included.

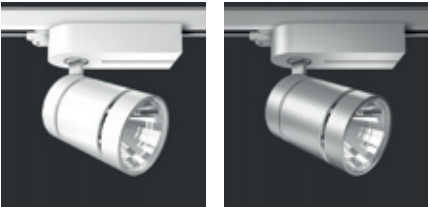
Customer-specific logo/pictograph on request.

Available colours (X):
2 = white, 3 = black, 4 = silver metallic



Surface mounted projectors				
with multi adaptor for 3-circuit tracks 230 V				
with LED module 2000 lm, CRI 80, active cooling				
741680.00X.2	L 225, B 100, H 245	1 x LED	18 W	4000 K/22°
741681.00X.2	L 225, B 100, H 245	1 x LED	18 W	4000 K/34°
741680.00X.1	L 225, B 100, H 245	1 x LED	19 W	3000 K/22°
741681.00X.1	L 225, B 100, H 245	1 x LED	19 W	3000 K/34°
with LED module 3000 lm, CRI 80, active cooling				
741686.00X.2	L 225, B 100, H 245	1 x LED	26 W	4000 K/22°
741687.00X.2	L 225, B 100, H 245	1 x LED	26 W	4000 K/34°
741686.00X.1	L 225, B 100, H 245	1 x LED	28 W	3000 K/22°
741687.00X.1	L 225, B 100, H 245	1 x LED	28 W	3000 K/34°

Versions with CRI 90 available on request





Outdoor lighting

Wall luminaires, spotlights and pathway luminaires



58



59



60



61



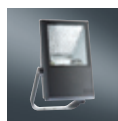
62



63



64



65

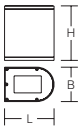


NADELSPOT MINI

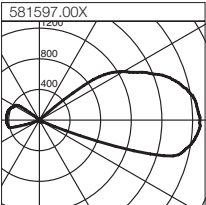
Wall luminaires

Type of protection: **IP 65**
Protection class: I
Base: die-cast aluminium. Diffuser: glass, transparent, temperature resistant.
LED included.
Available colours (X):
31 = anthracite metallic, 4 = silver metallic

LED



Wall luminaires				
Single-side light output, Flood				
581596.00X	L 126, B 96, H 96	1 x LED	4 W (Ra 70)	6300 K / 230 lm
581596.00X.1	L 126, B 96, H 96	1 x LED	4 W (Ra 80)	3000 K / 180 lm
Double-side light output, Flood/Flood				
581598.00X	L 126, B 96, H 96	2 x LED	4 W (Ra 70)	6300 K / 230 lm
581598.00X.1	L 126, B 96, H 96	2 x LED	4 W (Ra 80)	3000 K / 180 lm
Double-side light output, Spot/Flood				
581597.00X	L 126, B 96, H 96	2 x LED	4 W (Ra 70)	6300 K / 230 lm
581597.00X.1	L 126, B 96, H 96	2 x LED	4 W (Ra 80)	3000 K / 180 lm

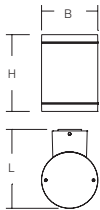




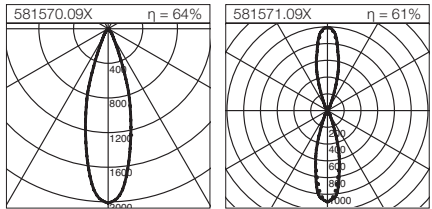
CYL

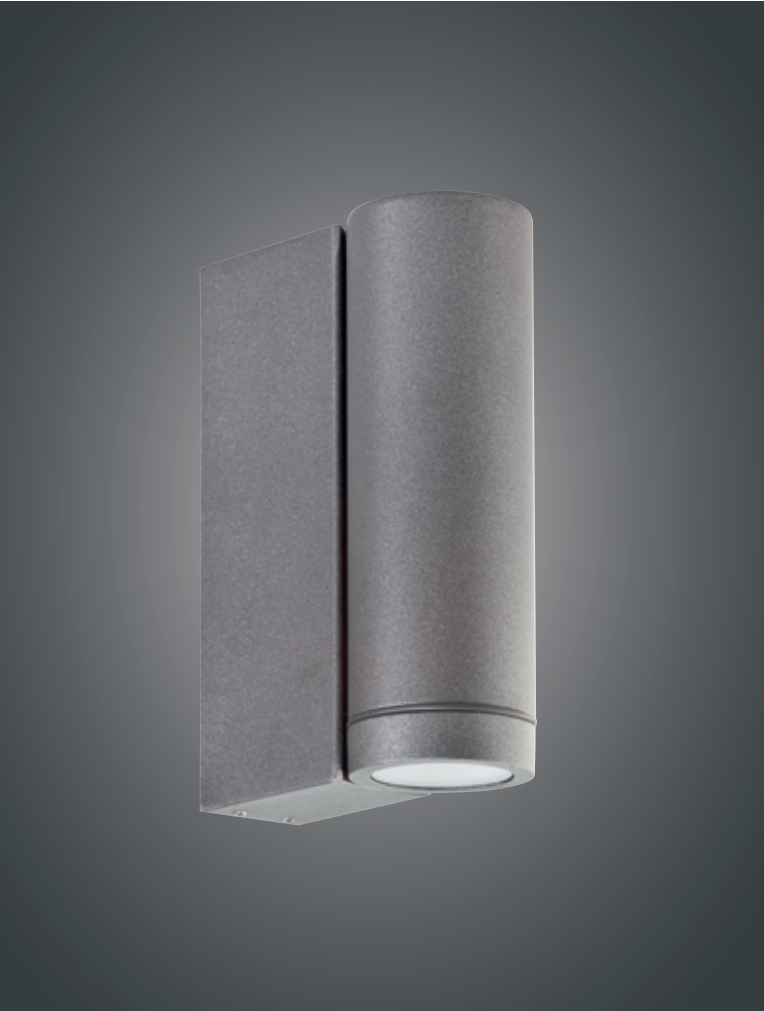
Wall luminaires

Type of protection: **IP 65**
Protection class: I
Base: aluminium and die-cast aluminium.
Diffuser: transparent glass, temperature resistant.
LED included.
Available colours (X): 31 = anthracite metallic,



Wall luminaires			
Single-side light output			
581570.00X	L 127, B 93, H 124	1 x LED	4 W (Ra 70) 6300 K / 230 lm
581570.00X.1	L 127, B 93, H 124	1 x LED	4 W (Ra 80) 3000 K / 180 lm
581570.09X	L 127, B 93, H 124	1 x QPAR16	50 W
Double-side light output			
581571.00X	L 140, B 93, H 255	2 x LED	4 W (Ra 70) 6300 K / 230 lm
581571.00X.1	L 140, B 93, H 255	2 x LED	4 W (Ra 80) 3000 K / 180 lm
581571.09X	L 140, B 93, H 255	2 x QPAR16	50 W

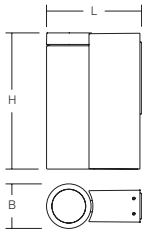




CYL VARIO

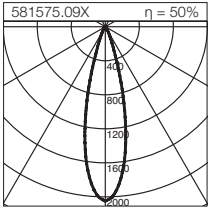
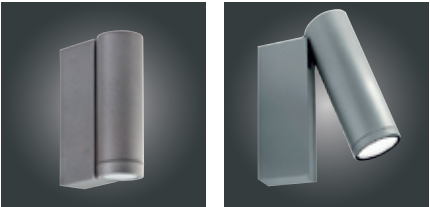
Wall luminaires

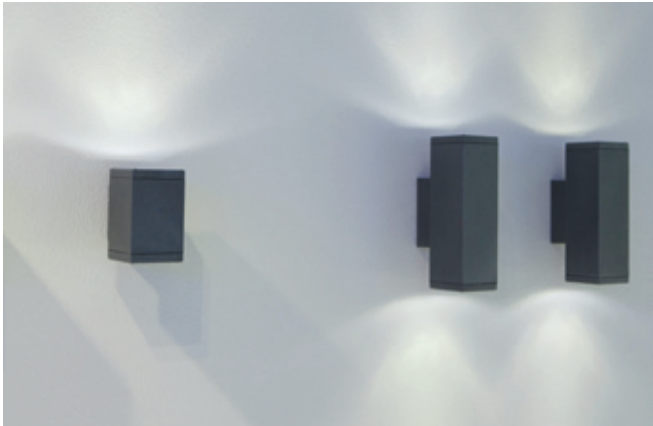
Type of protection: **IP 65**
Protection class: I
Base: die-cast aluminium. Diffuser: transparent glass, temperature resistant. Swivel range: 0°-90°, for uplight and downlight use.
LED included.
Available colours (X):
31 = anthracite metallic, 4 = silver metallic



Wall luminaires			
Luminaire top can be swivelled up to 90°			
Single-side light output			
581575.00X	L 140, B 66, H 200	1 x LED 4 W (Ra 70) 6300 K / 230 lm	
581575.00X.1	L 140, B 66, H 200	1 x LED 4 W (Ra 80) 3000 K / 180 lm	
581575.09X	L 140, B 66, H 200	1 x QPAR16 50 W	

CYL VARIO,
can be swivelled up to 90°

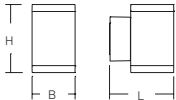




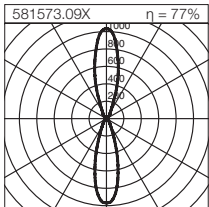
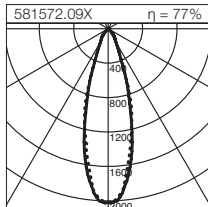
TECHNO

Wall luminaires

Type of protection: **IP 65**
Protection class: I
Base: aluminium and die-cast aluminium.
Diffuser: transparent glass, temperature resistant.
LED included.
Available colours (X):
31 = anthracite metallic, 4 = silver metallic



Wall luminaires			
Single-side light output			
581572.00X	L 119, B 80, H 124	1 x LED 4 W (Ra 70) 6300 K / 230 lm	
581572.00X.1	L 119, B 80, H 124	1 x LED 4 W (Ra 80) 3000 K / 180 lm	
581572.09X	L 119, B 80, H 124	1 x QPAR16 50 W	
Double-side light output			
581573.00X	L 119, B 80, H 255	2 x LED 4 W (Ra 70) 6300 K / 230 lm	
581573.00X.1	L 119, B 80, H 255	2 x LED 4 W (Ra 80) 3000 K / 180 lm	
581573.09X	L 119, B 80, H 255	2 x QPAR16 50 W	





ZONO I

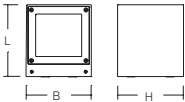
Wall luminaires

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

Base: die-cast aluminium. Diffuser: glass, transparent, temperature resistant.

LED included.

Available colours (X): 31 = anthracite metallic, 4 = silver metallic



Wall luminaires Zono I

Single-side light output, Flood

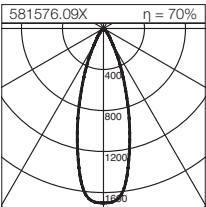
581576.00X	L 110, B 100, H 100	1 x LED 4 W (Ra 70) 6300 K / 230 lm
581576.00X.1	L 110, B 100, H 100	1 x LED 4 W (Ra 80) 3000 K / 180 lm
581576.09X	L 110, B 100, H 100	1 x QPAR16 35 W

Double-side light output, Flood/Flood

581592.00X	L 110, B 100, H 100	2 x LED 4 W (Ra 70) 6300 K / 230 lm
581592.00X.2	L 110, B 100, H 100	2 x LED 4 W (Ra 80) 3000 K / 180 lm

Double-side light output, Spot/Flood

581591.00X	L 110, B 100, H 100	2 x LED 4 W (Ra 70) 6300 K / 230 lm
581591.00X.2	L 110, B 100, H 100	2 x LED 4 W (Ra 80) 3000 K / 180 lm





SLOPIA® TOP

Pathway luminaires

Type of protection:

IP 54 with socket,

IP 65 without socket

Protection class:

I = with socket,

II = without socket

Post: aluminium extrusion profile, powder-coated; front plates and cover: die-cast aluminium, powder-coated; transparent safety glass; ballast incorporated.

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 mm², 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

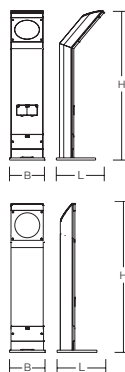
Standard Gore™ Protective Vents diaphragm valve for reduction of condensation.

LED included.

Available colours (X):

31 = anthracite metallic, 4 = silver metallic

LED



Pathway luminaires:

Post: straight; luminaire top: 40° tilted

Symmetrical light distribution

with double safety sockets

611862.00X	L 310, B 240, H 1000	1 x LED 23 W 4000 K / 1000 lm
------------	----------------------	-------------------------------

without safety socket

611861.00X	L 310, B 240, H 1000	1 x LED 23 W 4000 K / 1000 lm
------------	----------------------	-------------------------------

Pathway luminaires:

Post: straight

Asymmetrical light distribution

with double safety sockets

611864.00X	L 270, B 240, H 970	1 x LED 23 W 4000 K / 1000 lm
------------	---------------------	-------------------------------

without safety socket

611863.00X	L 270, B 240, H 970	1 x LED 23 W 4000 K / 1000 lm
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reddot design award
winner 2011





SLOPIA®

Spotlights

Type of protection: **IP 65**

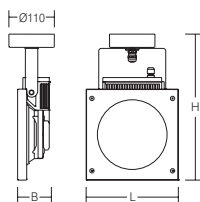
Protection class: I

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

Symmetrical light distribution

Glass, opal

721692.0031 L 224, B 110, H 360 1 x LED 23 W 3000K / 1000 lm

Asymmetrical light distribution

Glass, transparent

721693.0031 L 224, B 110, H 360 1 x LED 23 W 4000K / 1000 lm



reddot design award
winner 2011



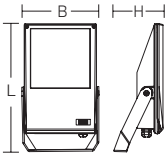


LIGHTSTREAM FLAT-TYPE MINI®

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 mm². With integral control gear, compensated.
Available colours: 31 = anthracite metallic



Flood, asymmetric		
Beam angle β 67°/38°/0°/35°		
721605.7831	L 406, B 230, H 83	1 x HIT-DE-CE, HST-DE 70 W
Beam angle β 62°/38°/0°/38°		
721606.7831	L 406, B 230, H 83	1 x HIT-DE-CE, HST-DE 150 W

Housing:
die-cast aluminium,
powder-coated



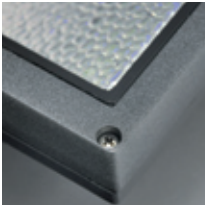
Cable entry with fitted
gland



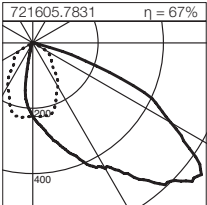
Mounting bracket:
steel, powder-coated.
Stainless steel screws



Flush safety glass.
Captive stainless
steel screws



Hinged safety
glass cover







Further information can be found in
our catalogue Emergency Lighting

Safety luminaires



68



70



71



72



73



- The flattest emergency luminaire with LED
- Ultraflat - (panel 5 mm) frame 8 mm
- Energy efficient (consumption approx. 80% less than 13 W fluorescent lamp technology)
- Top quality LED technology
- Specially calculated thermal management
- The very latest LED technology keeps maintenance costs to a minimum
- LED service life: approx. 50,000 hours
- Exceptionally high luminance of over 900 cd/m²
- Wide range of applications thanks to various types of installation



Symbol-Nr. 2003



Symbol-Nr. 2004



Symbol-Nr. 2005



Symbol-Nr. 2006

TENUO®

Self-contained LED display luminaires

Type of protection: **IP 40**

Protection class: **I**

Viewing distance: 30 m

For escape route identification

Housing: aluminium, silver. Display panel with patented MicroLens technology.

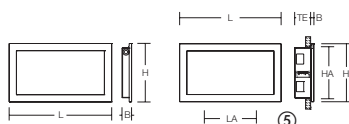
LED included.

Please indicate symbol number when placing your order!

Operating mode: Can either be connected in non-maintained power mode (BS) or in maintained power mode (DS).

Ballast mains/emergency: EB

Available colours: 4 = aluminium, anodised



Recessed ceiling luminaires

① Ceiling cutout LA 400 x BA 40 mm, HE 60 mm

671947.00X.Y L 420, B 55, H 262 1 x LED 5 W 3h

② Ceiling luminaires

671946.00X.Y L 350, B 56, H 240 1 x LED 5 W 3h

③ Wall luminaires

671944.00X.Y L 350, B 33, H 200 1 x LED 2,5 W 3h

④ Wall extension luminaires

671945.00X.Y L 400, B 100, H 200 1 x LED 5 W 3h

⑤ Semirecessed wall luminaires

Wall cutout LA 175 x BA 175 mm, TE 70 mm

671943.00X.Y L 350, B 11, H 200 1 x LED 2,5 W 3h

⑥ Pendant luminaires with pendant tubes, LP 500 mm

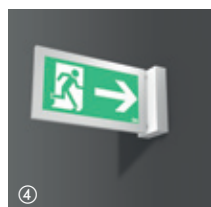
671948.00X.Y L 350, B 56, H 200 1 x LED 5 W 3h

⑦ Pendant luminaires with suspension cable, LP 500mm

671949.00X.Y L 350, B 56, H 200 1 x LED 5 W 3h

without .Y = Standard version without monitoring system

.Y = .04: Automatic self-test and feedback to Multidigit | **.Y = 07:** DALI





reddot design award
winner 2011



TENUO®

LED display luminaires for central emergency power supply

Type of protection: **IP 40**

Protection class: I

Viewing distance: 30 m



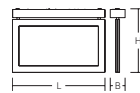
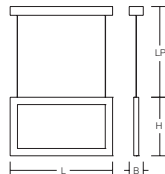
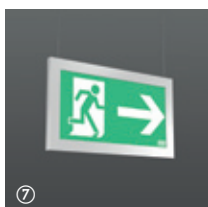
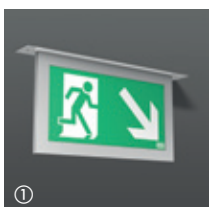
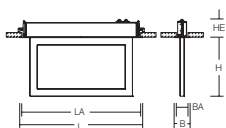
For escape route identification

Housing: aluminium, silver. Display panel with patented MicroLens technology.

LED included.

Please indicate symbol number when placing your order!

Available colours: 4 = aluminium, anodised



① Recessed ceiling luminaires

Ceiling cutout LA 400 x BA 40 mm, TE 90 mm

671940.00X.Y L 420, B 55, H 262 1 x LED 5 W

② Ceiling luminaires

671939.00X.Y L 350, B 56, H 240 1 x LED 5 W

③ Wall luminaires

671923.00X.Y L 350, B 33, H 200 1 x LED 2,5 W

④

Wall extension luminaires

671938.00X.Y L 400, B 100, H 200 1 x LED 5 W

⑤ Semirecessed wall luminaires

Wall cutout LA 175 x BA 175 mm, TE 55 mm

671922.00X.Y L 350, B 11, H 200 1 x LED 2,5 W

⑥ Pendant luminaires for pendant tubes, LP 500 mm

671941.00X.Y L 350, B 56, H 200 1 x LED 5 W

⑦ Pendant luminaires with suspension cable, LP 500 mm

671942.00X.Y L 350, B 56, H 200 1 x LED 5 W

without .Y = Standard version without monitoring system

.Y = .71: Control 1 for GV1500 | .Y = 72: TWIN Control for GV1500 |

.Y = 81: Single Control for Luxifair | .Y = 82: DUO Control for Luxifair



GSUN® D / UNIVERSAL D

LED display luminaires

Type of protection: IP 20
Protection class: I
Viewing distance: 24 m

LED

For escape route identification

Base: aluminium extrusion profile, with universal mounting kit for ceiling and wall surface mounting. 3 pictogram legends and 1 white foil are included. LED included.

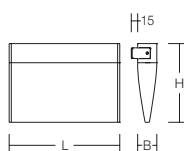
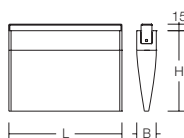
Self-contained luminaires:

Automatic self test in all standard versions.

Operating mode: Can either be connected in non-maintained power mode (BS) or in maintained power mode (DS).

Ballast mains/emergency: EB

Available colours: 4 = silver coloured



GSUN® D:

Self-contained ceiling and wall luminaires

671995.004.Y	L 240, B 45, H 175	1 x LED 1 W 3h
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without .Y = Standard version without monitoring system

.Y = .04: Automatic self-test and feedback to Multidigit | **.Y = 07:** DALI



Universal D:

Ceiling and wall luminaires for central emergency power supply

671996.004.Y	L 240, B 45, H 175	1 x LED 1 W
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without .Y = Standard version without monitoring system

.Y = .71: Control 1 for GV1500 | **.Y = 72:** TWIN Control for GV1500 |

.Y = 81: Single Control for Luxifair | **.Y = 82:** DUO Control for Luxifair



Accessories

Mounting set for suspension cable/chain

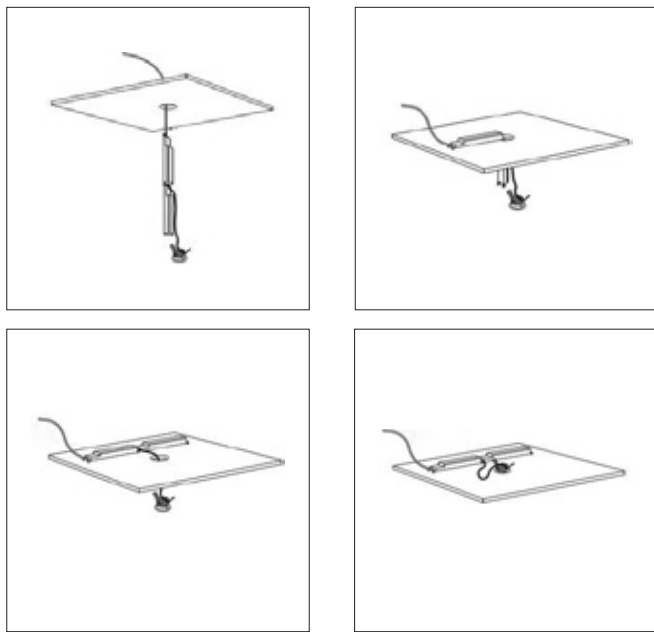
981780.000	L 320, B 20, H 20
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Pendant tube

981777.014	Pendant length LP 529 mm
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- Wide luminaire spacing for escape route illumination
- Energy efficient (consumption approx. 80% less than 13 W fluorescent lamp technology)
- Top quality LED technology
- Specially calculated thermal management
- Very low maintenance costs
- LED service life: approx. 50,000 hours
- Easy to install
- Compact and inconspicuous design
- The emergency module can be easily inserted and removed through the ceiling opening



TURIA® L

Luminaires for escape route illumination

Type of protection: IP 30
Protection class: II

LED

For escape route illumination

Housing: die-cast aluminium. Bezel ring: plastic, white. Module and battery in separate box, with connecting cable.

LED included.

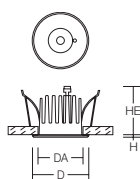
Self-contained luminaires:

Automatic self test in all standard versions.

Operating mode: either non-maintained (BS) or switched maintained (GDS).

Ballast mains/emergency: EB

Available colours: 2 = white



Self-contained recessed ceiling luminaires

Lichtstromfaktor 100%

Ceiling cutout DA 52 mm, HE 45 mm

Lens for area lighting

672016.002.Y D 61, H 7 1 x LED 2,5 W 3h

Lens for escape route illumination

672002.002.Y D 61, H 7 1 x LED 2,5 W 3h

without .Y = Standard version without monitoring system

.Y = .04: Automatic self-test and feedback to Multidigit | **.Y = 07:** DALI



Recessed ceiling luminaires for central emergency power supply

Ceiling cutout DA 52 mm, HE 45 mm

Lens for area lighting

672014.002.Y D 61, H 7 1 x LED 2,5 W

Lens for escape route illumination

672000.002.Y D 61, H 7 1 x LED 2,5 W

without .Y = Standard version without monitoring system

.Y = .71: Control 1 for GV1500 | **.Y = 72:** TWIN Control for GV1500 |

.Y = 81: Single Control for Luxifair | **.Y = 82:** DUO Control for Luxifair



CENTRYXX®

Wall luminaires

Type of protection: IP 20
Protection class: I

LED

For escape route illumination

Housing: die-cast aluminium, powder-coated;
plastic diffuser for ideal light distribution on
escape route.

LED included.

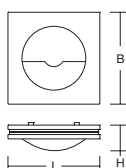
Self-contained luminaires:

Automatic self test in all standard versions.

Operating mode: non-maintained power
mode (BS)

Ballast mains/emergency: EB

Available colours: 2 = white



Self-contained wall luminaires

672020.002.Y	L 180, B 180, H 52	1 x LED 3 W 3h
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without .Y = Standard version without monitoring system

.Y = .04: Automatic self-test and feedback to Multidigit | .Y = 07: DALI



Wall luminaires for central emergency power supply

672019.002.Y	L 180, B 180, H 27	1 x LED 3 W
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without .Y = Standard version without monitoring system

.Y = .71: Control 1 for GV1500 | .Y = 72: TWIN Control for GV1500 |

.Y = 81: Single Control for Luxifair | .Y = 82: DUO Control for Luxifair



- Wide luminaire spacing for escape route illumination
- Design matches modern architectural styles
- Energy efficient (consumption approx. 90% less than 13 W fluorescent lamp technology)
- Top quality LED technology
- Specially calculated thermal management
- Very low maintenance costs
- LED service life: approx. 50,000 hours
- Easy to mount
- Particularly suited for rooms with high ceilings



CENTRYXX®

Ceiling luminaires

Type of protection: IP 20
Protection class: I

LED

For escape route illumination

Housing: die-cast aluminium, powder-coated;
plastic diffuser for ideal light distribution on
escape route.

LED included.

Self-contained luminaires:

Automatic self test in all standard versions.

Operating mode: non-maintained power
mode (BS)

Ballast mains/emergency: EB

Available colours: 2 = white



Self-contained ceiling luminaires

Lenses for area lighting

672023.002.Y	L 180, B 180, H 27	2 x LED 3 W 3h
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Lenses for escape route illumination

672022.002.Y	L 180, B 180, H 27	2 x LED 3 W 3h
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without .Y = Standard version without monitoring system

.Y = .04: Automatic self-test and feedback to Multidigit | .Y = 07: DALI



Ceiling luminaires for central emergency power supply

Lenses for area lighting

672011.002.Y	L 180, B 180, H 27	2 x LED 2 W
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Lenses for escape route illumination

671999.002.Y	L 180, B 180, H 27	2 x LED 2 W
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without .Y = Standard version without monitoring system

.Y = .71: Control 1 for GV1500 | .Y = 72: TWIN Control for GV1500 |

.Y = 81: Single Control for Luxifair | .Y = 82: DUO Control for Luxifair

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50 RZB NETHERLANDS	51 RZB SWITZERLAND	52 RZB AUSTRIA	53 RZB FRANCE
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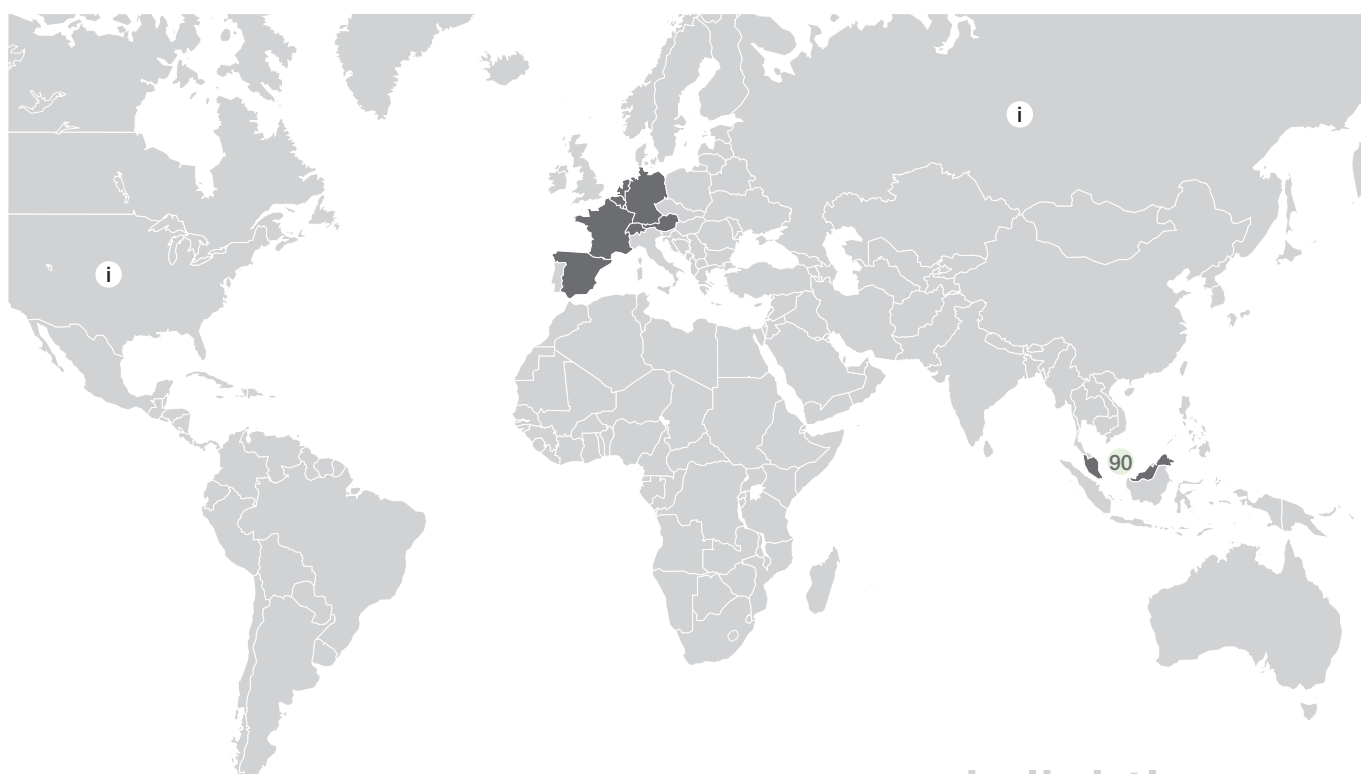
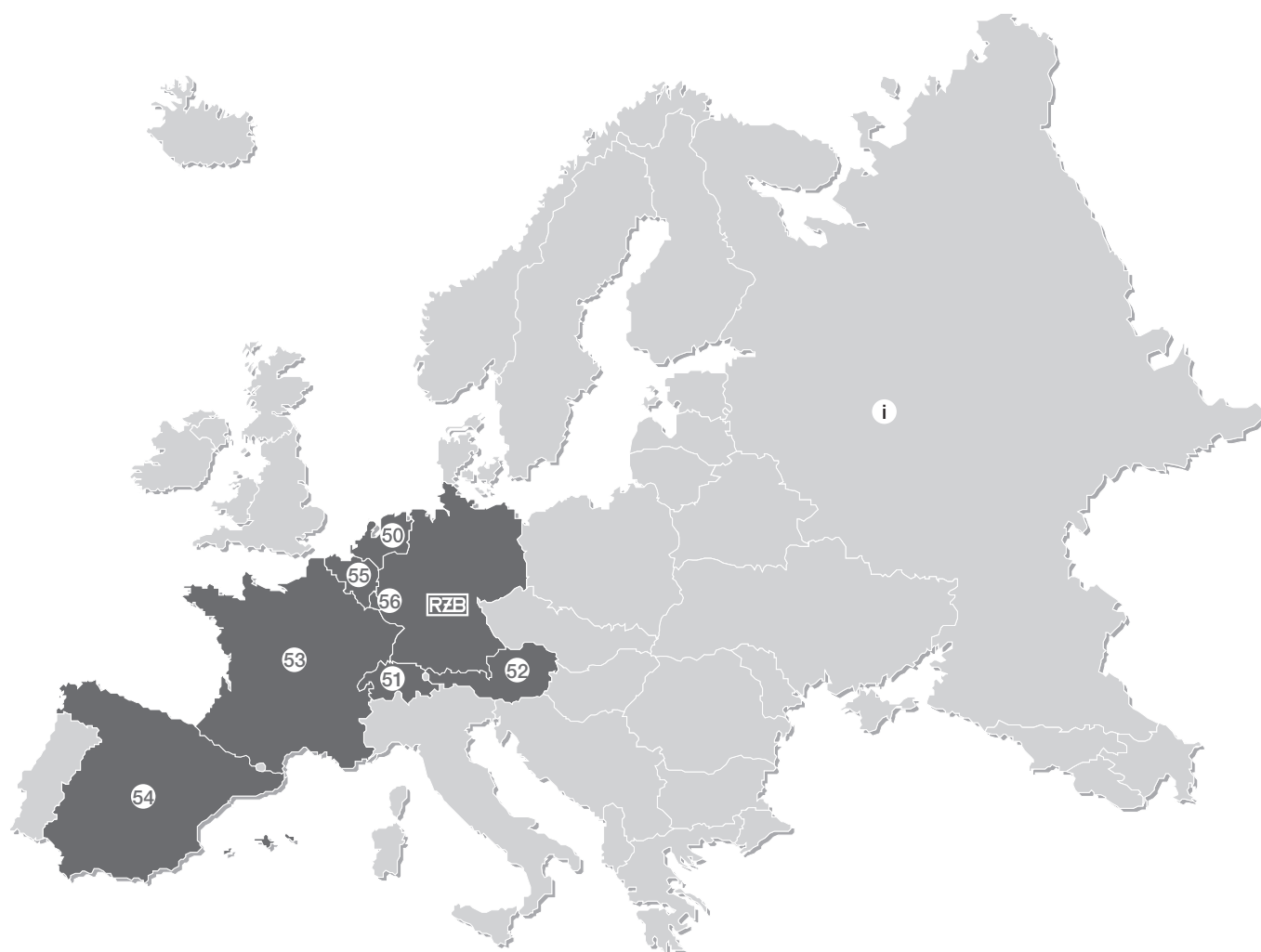
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