



MEGA

WALL LUMINAIRES AND BOLLARDS

MEGA

Wall luminaires and bollards

ATTRACTIVE DESIGN WITH INNER VALUES

The outdoor luminaire series MEGA is proof that having an attractive external appearance doesn't necessarily mean that you have to forego inner values and steadfast reliability!

These wall luminaires and bollards create accurate yet graceful light statements with their slim, well-proportioned design. The MEGA bollards are available in various heights with a wide range of luminaire heads and light distributions for each type to suit different applications and design concepts. The diffusers as required on type and use are either made of glass or impact-resistant plastic.

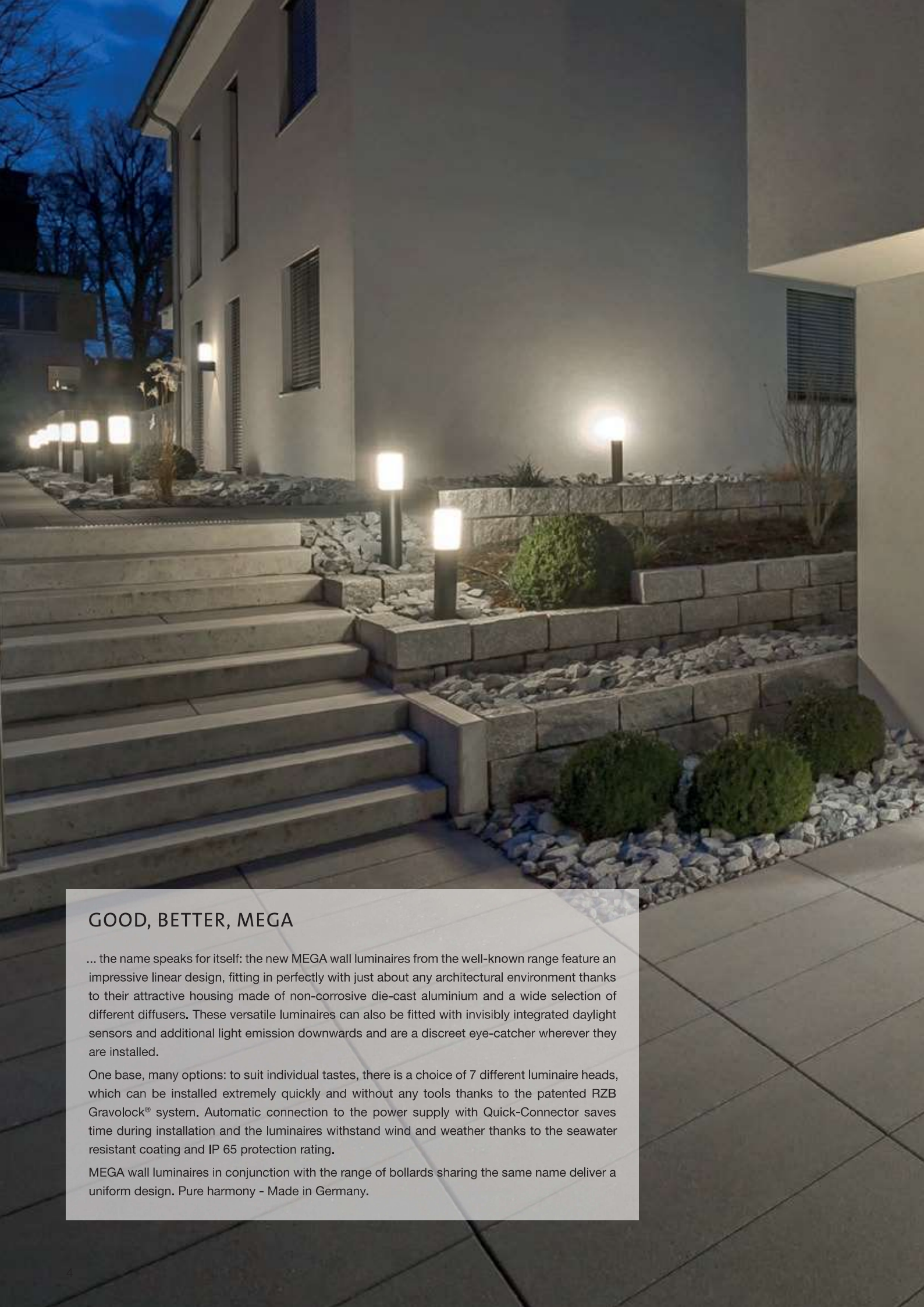
The inner values of the wall luminaires and bollards of the series MEGA have a lot to offer, too. The LED array effectively saves energy over a long period of time and the highly efficient fibre optics provide for balanced, homogeneous brightness. The clever integral fixing and assembly concept performs more than one function at the same time while an ingenious ventilation system avoids corrosion caused by condensation. The innovative IP65-rated housing concepts of this series do not only reliably protect light source and converter against all weather conditions and theft but they also ensure a long, maintenance-free service life and ultra-rapid installation. Luminaires of the series MEGA are *Made in Germany. Made in Bamberg* and will constantly delight you with bright moments.

ADDITIONAL ADVANTAGES

- ⊕ Made in Germany
- ⊕ The high quality LED optics provide balanced brightness while minimising energy consumption
- ⊕ The innovative housing concept protects light source and driver reliably against all weather conditions
- ⊕ Seawater resistant coating
- ⊕ The flush fitting cover made of corrosion resistant pressure die-cast aluminium satisfies stringent aesthetic and functional requirements.
- ⊕ Quick installation: fixing and electrical connection is done only at the fixing plate, the luminaire is screwlessly plugged on thereafter and held into position via RZB Gravalock® System
- ⊕ The standard large cable inlet allows a simple loop-through without an additional connection box
- ⊕ Integral membrane valve for pressure compensation and prevention of condensation
- ⊕ The post made of powder coated corrosion resistant aluminium is anchored to the ground with a sturdy stainless steel plate. This innovative assembly concept guarantees a long service life.







GOOD, BETTER, MEGA

... the name speaks for itself: the new MEGA wall luminaires from the well-known range feature an impressive linear design, fitting in perfectly with just about any architectural environment thanks to their attractive housing made of non-corrosive die-cast aluminium and a wide selection of different diffusers. These versatile luminaires can also be fitted with invisibly integrated daylight sensors and additional light emission downwards and are a discreet eye-catcher wherever they are installed.

One base, many options: to suit individual tastes, there is a choice of 7 different luminaire heads, which can be installed extremely quickly and without any tools thanks to the patented RZB Gravalock® system. Automatic connection to the power supply with Quick-Connector saves time during installation and the luminaires withstand wind and weather thanks to the seawater resistant coating and IP 65 protection rating.

MEGA wall luminaires in conjunction with the range of bollards sharing the same name deliver a uniform design. Pure harmony - Made in Germany.



MEGA

Overview



MEGA Tower
page 16-17

MEGA Lamelle
page 18-19

MEGA Cone
page 20-21

MEGA Laterne
page 22-23

MEGA Laterne
page 24-25



MEGA Tube
page 26-29

MEGA Gürtellinse
page 30-31



MEGA

Technology | Wall luminaires



Two cable entries for loop-through
Generous space for cable placement

Fixing on the wall
outside the gasketed area,
drill hole deviations can be compensated

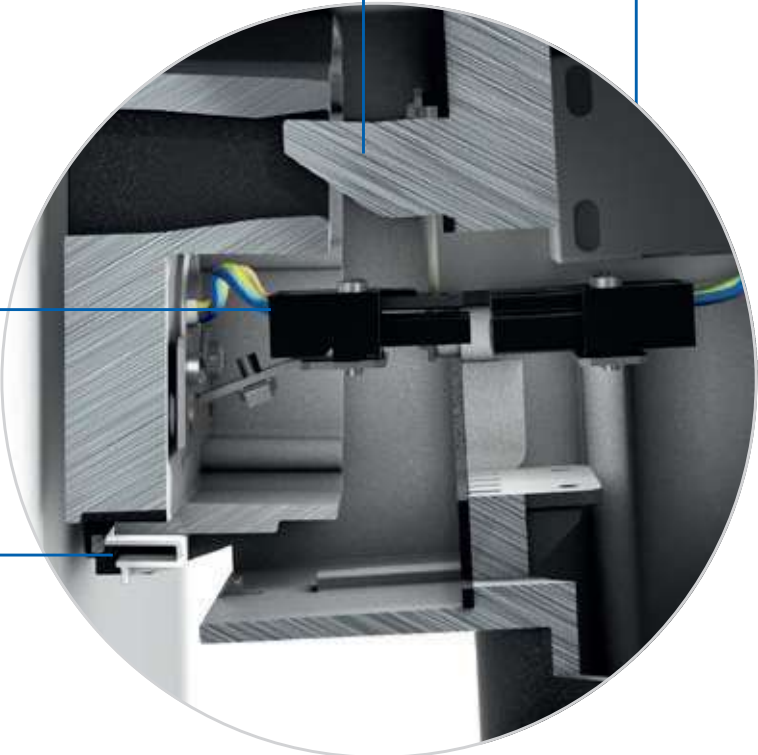


RZB Gravalock® system
Quick and easy installation of the luminaire
head, without tools on the mounting base



Comfortable installation
A quick-connector between
base and head provides safe
power supply

Safety
A latch prevents from being
unintentionally removed later





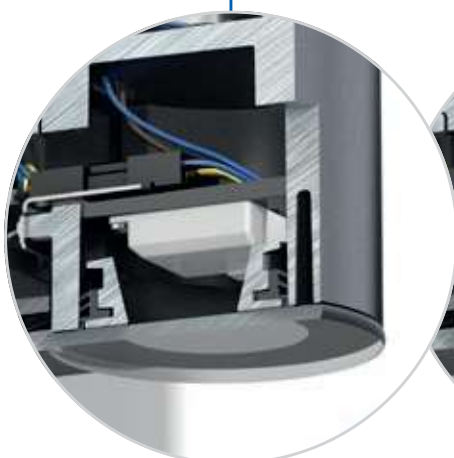
Housing made of corrosion-resistant pressure die-cast aluminium, marine grade powder coating

Unmistakeable features

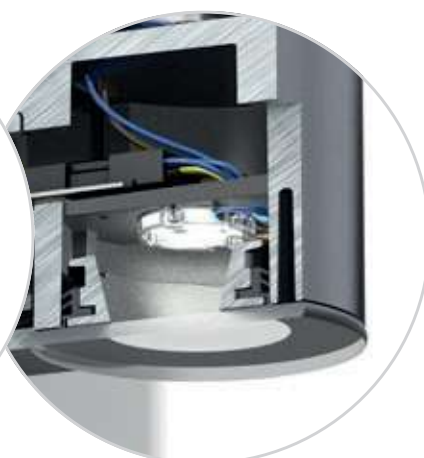
The luminaire bottom consist of a frameless glass cover made of ceramic coated ESG

Versatile

Optionally with twilight switch or additional light emission downwards



twilight switch



additional light emission downwards



MEGA

Technology | Bollards

The use of a dual compound thermoplastic luminaire insert prevents corrosion and provides a problem-free, lasting seal



Lockable bayonet connection for easy installation



A stable stainless steel fixing plate guarantees an exceptionally firm hold for the luminaire
Elongated holes in the base for subsequent and simple alignment of the luminaire



A light transmission bar made of highly transparent, clear plastic (PMMA) diverts the light horizontally, ensuring optimum light distribution on the floor

The use of state-of-the-art LED technology allows reduced energy consumption and a long LED service life

Membrane valve for pressure equalisation to avoid condensation



Corrosion resistant, seawater resistant powder-coated posts made of aluminium profile and stainless steel screw connections help prevent corrosion from the outset.

The high protection class (IP 66) of the socket (terminals included) guarantees safe wiring that is protected from water

A multi-level ventilation system prevents condensation from building up in the light insert

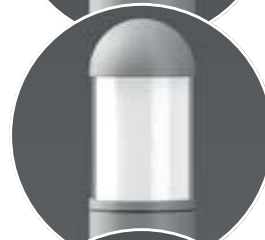
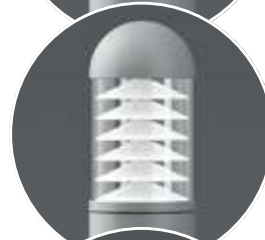
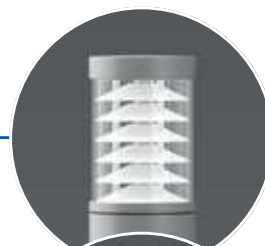
Buried base made of aluminium, press nuts stainless steel

MEGA

Everything at a glance



Seven luminaire heads



Diffuser: mouth-blown opal glass, satin finish or mouth-blown luminaire glass, clear, drum lens shape



The powder-coated parts can, in addition to the two standard colours silver metallic and anthracite metallic, be coated to suit specific customer requirements.



PHOTOMETRICS

- ⊕ Luminous efficiency 85 lm/W
- ⊕ LED luminous flux 1,700 lm
- ⊕ Colour temperature 3,000 K and 4,000 K
- ⊕ Colour rendering index Ra > 80
- ⊕ Symmetrical light distribution
- ⊕ Flicker < 5%
- ⊕ LED rated life 60,000 h (L80, B50)
- ⊕ Good colour consistency within 3-steps MacAdam (3 SDCM)





MEGA

Product overview



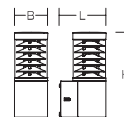
Wall luminaires | Mega Tower

Type of Protection: **IP 65**

Protection Class: I

Cover made of corrosion-resistant pressure die-cast aluminium, powder coated, with transparent cylinder (glass) and translucent anti-glare louvres. Bottom cover printed toughened glass. Base and housing made of corrosion resistant pressure die-cast aluminium (seawater resistant powder-coated). Fixing on the wall outside the gasketed volume, drill hole deviations can be compensated. Screwless luminaire fixing via RZB Gravalock® System. With membrane valve as a standard to prevent condensed water. Electrical plug and play featuring quick connector. Cable entry granting two cables for loop-through. Mains connection 2 x 3 x 2.5 mm².

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

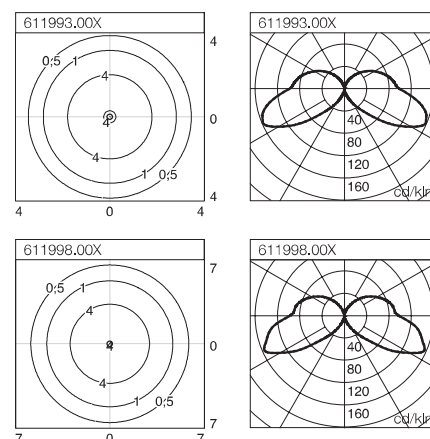
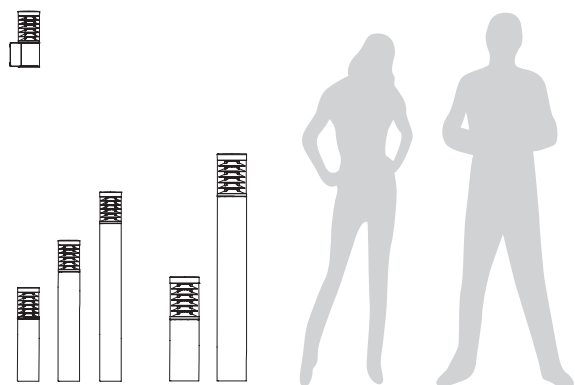


Daylight sensor:

Light-interference pulses of less than 5 seconds are suppressed. This prevents the luminaire from being switched on and off in case of brief incidences of light (e.g. passing vehicles with headlights).

- Switch-on threshold approx. 5-10 lx
- Switch-off threshold approx. 30-40 lx

Reference number	Dimensions	Lamp	Light colour	Luminous flux	System power	dimmi-able
Wall luminaires						
						Price Category 12
621097.00X	L 160, B 115, H 303	LED	830	600 lm	10 W	on/off
621097.00X.1	L 160, B 115, H 303	LED	840	620 lm	10 W	on/off
Wall luminaires with additional light emission downwards						
						Price Category 12
621097.02X	L 160, B 115, H 303	LED	830	750 lm	14 W	on/off
621097.02X.1	L 160, B 115, H 303	LED	840	780 lm	14 W	on/off
Wall luminaires with daylight sensor						
						Price Category 12
621097.00X.25	L 160, B 115, H 303	LED	830	600 lm	10 W	on/off
621097.00X.1.25	L 160, B 115, H 303	LED	840	620 lm	10 W	on/off
Replacement glasses						
						Price Category 12
982260.00X	D 115, H 190	Spare diffuser with integral louvres				



Bollards | Mega Tower

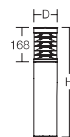
Type of Protection: **IP 65**

Protection Class: I

Impact Protection: IK05

Bollard tube Ø 115 mm made of corrosion-resistant aluminium profile, powder coated. Recessed stainless steel fixing plate. Non-corrosive gear compartment made of mould-cast dual compound thermoplastic with integral TP gasket. Cover made of corrosion-resistant pressure die-cast aluminium, powder coated, with transparent cylinder (glass) and translucent anti-glare louvres. With membrane valve to prevent condensation. Connection box on base, max. 2 x 3 x 2.5 mm² for loop through.

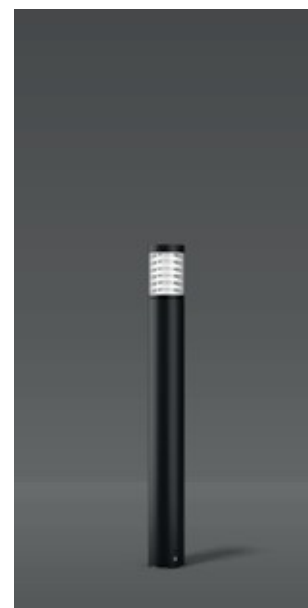
Available colours (X): 31 = anthracite metallic, 4 = silver metallic



Reference number	Dimensions	Lamp	Light colour	Luminous flux	System power	dimmi-able
Bollards						
Price Category 12						
Height H 500 mm						
611992.00X	D 115, H 500	LED	830	600 lm	10 W	on/off
611992.00X.1	D 115, H 500	LED	840	620 lm	10 W	on/off
Height H 750 mm						
612146.00X	D 115, H 750	LED	830	600 lm	10 W	on/off
612146.00X.1	D 115, H 750	LED	840	620 lm	10 W	on/off
Height H 1000 mm						
611993.00X	D 115, H 1000	LED	830	600 lm	10 W	on/off
611993.00X.1	D 115, H 1000	LED	840	620 lm	10 W	on/off

Accessory for ground installation			Price Category 12
982103.000	D 115, H 401	Aluminium root with anti-sink protection and fixing set	

Replacement glasses			Price Category 12
982260.00X	D 115, H 190	Spare diffuser with integral louvres	



Comparison LED vs. conventional lamps

LED 10 W ≈

1 x 57 W QA60 (57 W Psys)

1 x 18 W TC-D (26 W Psys)

Bollards | Mega Tower

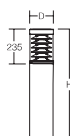
Type of Protection: **IP 65**

Protection Class: I

Impact Protection: IK05

Bollard tube Ø 156 mm made of corrosion-resistant aluminium profile, powder coated. Recessed stainless steel fixing plate. Non-corrosive gear compartment made of mould-cast dual compound thermoplastic with integral TP gasket. Cover made of corrosion-resistant pressure die-cast aluminium, powder coated, with transparent cylinder (glass) and translucent anti-glare louvres. With membrane valve to prevent condensation. Connection box on base, max. 2 x 3 x 2.5 mm² for loop through.

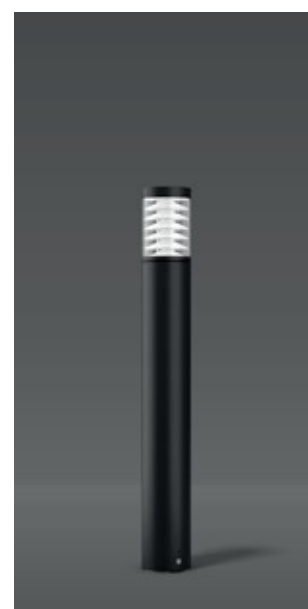
Available colours (X): 31 = anthracite metallic, 4 = silver metallic



Reference number	Dimensions	Lamp	Light colour	Luminous flux	System power	dimmi-able
Bollards						
Price Category 12						
Height H 550 mm						
611997.00X	D 156, H 550	LED ⁽¹⁾	830	1200 lm	20 W	Phase-cut
611997.00X.1	D 156, H 550	LED ⁽¹⁾	840	1250 lm	20 W	Phase-cut
Height H 1200 mm						
611998.00X	D 156, H 1200	LED ⁽¹⁾	830	1200 lm	20 W	Phase-cut
611998.00X.1	D 156, H 1200	LED ⁽¹⁾	840	1250 lm	20 W	Phase-cut

Accessory for ground installation			Price Category 12
982155.000	D 153, H 396	Aluminium root with anti-sink protection and fixing set	

Replacement glasses			Price Category 12
982263.00X	D 156, H 256	Spare diffuser with intregral louvres	



Comparison LED vs. conventional lamps

LED 20 W ≈

1 x 116 W QA60 (116 W Psys)

1 x 32 W TC-TEL (36 W Psys)

MEGA

Product overview



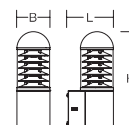
Wall luminaires | Mega Lamelle

Type of Protection: **IP 65**

Protection Class: I

Cover made of corrosion-resistant pressure die-cast aluminium, powder coated, with transparent cylinder (glass) and translucent anti-glare louvres. Bottom cover printed toughened glass. Base and housing made of corrosion resistant pressure die-cast aluminium (seawater resistant powder-coated). Fixing on the wall outside the gasketed volume, drill hole deviations can be compensated. Screwless luminaire fixing via RZB Gravolock® System. With membrane valve as a standard to prevent condensed water. Electrical plug and play featuring quick connector. Cable entry granting two cables for loop-through. Mains connection 2 x 3 x 2.5 mm².

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

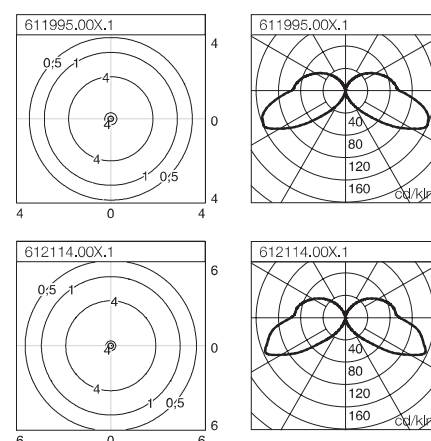
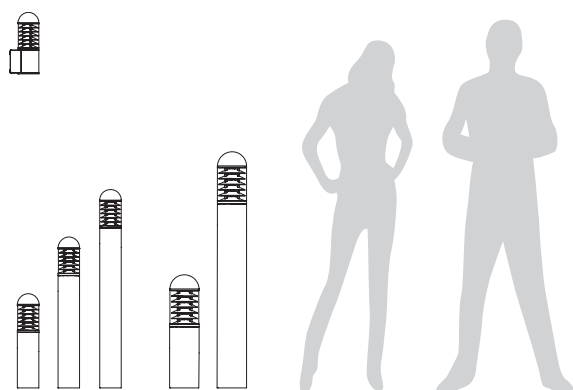


Daylight sensor:

Light-interference pulses of less than 5 seconds are suppressed. This prevents the luminaire from being switched on and off in case of brief incidences of light (e.g. passing vehicles with headlights).

- Switch-on threshold approx. 5-10 lx
- Switch-off threshold approx. 30-40 lx

Reference number	Dimensions	Lamp	Light colour	Luminous flux	System power	dimmi-able
Wall luminaires						
Price Category 12						
621099.00X	L 160, B 115, H 338	LED	830	600 lm	10 W	on/off
621099.00X.1	L 160, B 115, H 338	LED	840	620 lm	10 W	on/off
Wall luminaires with additional light emission downwards						
Price Category 12						
621099.02X	L 160, B 115, H 338	LED	830	750 lm	14 W	on/off
621099.02X.1	L 160, B 115, H 338	LED	840	780 lm	14 W	on/off
Wall luminaires with daylight sensor						
Price Category 12						
621099.00X.25	L 160, B 115, H 338	LED	830	600 lm	10 W	on/off
621099.00X.1.25	L 160, B 115, H 338	LED	840	620 lm	10 W	on/off
Replacement glasses						
Price Category 12						
982261.00X	D 115, H 228	Spare diffuser with integral louvres				



Bollards | Mega Lamelle

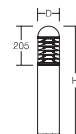
Type of Protection: **IP 65**

Protection Class: I

Impact Protection: IK05

Bollard tube Ø 115 mm made of corrosion-resistant aluminium profile, powder coated. Recessed stainless steel fixing plate. Non-corrosive gear compartment made of mould-cast dual compound thermoplastic with integral TP gasket. Cover made of corrosion-resistant pressure die-cast aluminium, powder coated, with transparent cylinder (glass) and translucent anti-glare louvres. With membrane valve to prevent condensation. Connection box on base, max. 2 x 3 x 2.5 mm² for loop through.

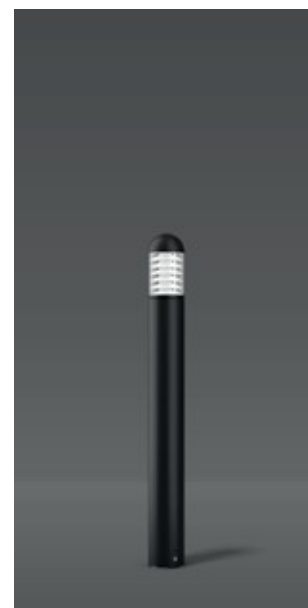
Available colours (X): 31 = anthracite metallic, 4 = silver metallic



Reference number	Dimensions	Lamp	Light colour	Luminous flux	System power	dimmi-able
Bollards						
Price Category 12						
Height H 550 mm						
611994.00X	D 115, H 550	LED	830	600 lm	10 W	on/off
611994.00X.1	D 115, H 550	LED	840	620 lm	10 W	on/off
Height H 800 mm						
612147.00X	D 115, H 800	LED	830	600 lm	10 W	on/off
612147.00X.1	D 115, H 800	LED	840	620 lm	10 W	on/off
Height H 1050 mm						
611995.00X	D 115, H 1050	LED	830	600 lm	10 W	on/off
611995.00X.1	D 115, H 1050	LED	840	620 lm	10 W	on/off

Accessory for ground installation			Price Category 12
982103.000	D 115, H 401	Aluminium root with anti-sink protection and fixing set	

Replacement glasses			Price Category 12
982261.00X	D 115, H 228	Spare diffuser with integral louvres	



Comparison LED vs. conventional lamps

LED 10 W ≈

1 x 57 W QA60 (57 W Psys)

1 x 18 W TC-D (26 W Psys)

Bollards | Mega Lamelle

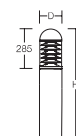
Type of Protection: **IP 65**

Protection Class: I

Impact Protection: IK05

Bollard tube Ø 156 mm made of corrosion-resistant aluminium profile, powder coated. Recessed stainless steel fixing plate. Non-corrosive gear compartment made of mould-cast dual compound thermoplastic with integral TP gasket. Cover made of corrosion-resistant pressure die-cast aluminium, powder coated, with transparent cylinder (glass) and translucent anti-glare louvres. With membrane valve to prevent condensation. Connection box on base, max. 2 x 3 x 2.5 mm² for loop through.

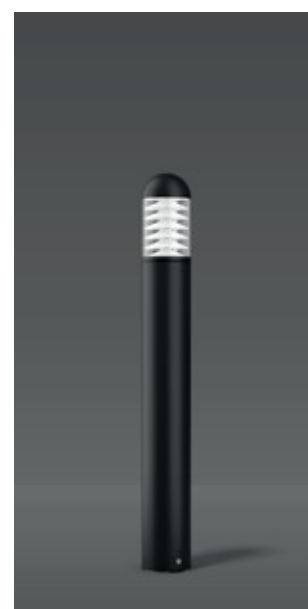
Available colours (X): 31 = anthracite metallic, 4 = silver metallic



Reference number	Dimensions	Lamp	Light colour	Luminous flux	System power	dimmi-able
Bollards						
Price Category 12						
Height H 600 mm						
611999.00X	D 156, H 600	LED ⁽¹⁾	830	1200 lm	20 W	Phase-cut
611999.00X.1	D 156, H 600	LED ⁽¹⁾	840	1250 lm	20 W	Phase-cut
Height H 1250 mm						
612114.00X	D 156, H 1250	LED ⁽¹⁾	830	1200 lm	20 W	Phase-cut
612114.00X.1	D 156, H 1250	LED ⁽¹⁾	840	1250 lm	20 W	Phase-cut

Accessory for ground installation			Price Category 12
982155.000	D 153, H 396	Aluminium root with anti-sink protection and fixing set	

Replacement glasses			Price Category 12
982264.00X	D 156, H 316	Spare diffuser with intregral louvres	



Comparison LED vs. conventional lamps

LED 20 W ≈

1 x 116 W QA60 (116 W Psys)

1 x 32 W TC-TEL (36 W Psys)

MEGA

Product overview



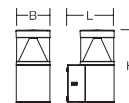
Wall luminaires | Mega Cone

Type of Protection: **IP 65**

Protection Class: I

Cover made of corrosion-resistant pressure die-cast aluminium, powder coated, with clear glass cylinder and conical reflector. Bottom cover printed toughened glass. Base and housing made of corrosion resistant pressure die-cast aluminium (seawater resistant powder-coated). Fixing on the wall outside the gasketed volume, drill hole deviations can be compensated. Screwless luminaire fixing via RZB Gravalock® System. With membrane valve as a standard to prevent condensed water. Electrical plug and play featuring quick connector. Cable entry granting two cables for loop-through. Mains connection 2 x 3 x 2,5 mm².

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

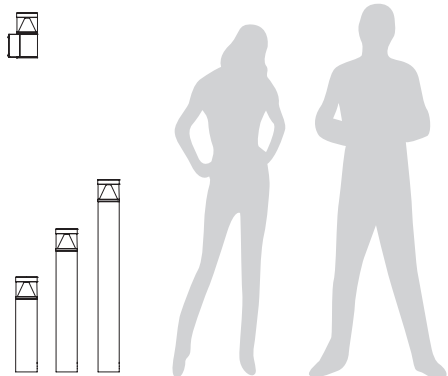


Daylight sensor:

Light-interference pulses of less than 5 seconds are suppressed. This prevents the luminaire from being switched on and off in case of brief incidences of light (e.g. passing vehicles with headlights).

- Switch-on threshold approx. 5-10 lx
- Switch-off threshold approx. 30-40 lx

Reference number	Dimensions	Lamp	Light colour	Luminous flux	System power	dimmi-able
Wall luminaires						
Price Category 12						
621101.00X	L 160, B 115, H 338	LED	830	600 lm	10 W	on/off
621101.00X.1	L 160, B 115, H 338	LED	840	630 lm	10 W	on/off
Wall luminaires with additional light emission downwards						
Price Category 12						
621101.02X	L 160, B 115, H 338	LED	830	750 lm	14 W	on/off
621101.02X.1	L 160, B 115, H 338	LED	840	790 lm	14 W	on/off
Wall luminaires with daylight sensor						
Price Category 12						
621101.00X.25	L 160, B 115, H 338	LED	830	600 lm	10 W	on/off
621101.00X.1.25	L 160, B 115, H 338	LED	840	630 lm	10 W	on/off
Replacement glasses						
Price Category 12						
982527.00X	D 115, H 137	Replacement glass complete with conical screen				



Bollards | Mega Cone

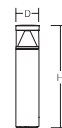
Type of Protection: **IP 65**

Protection Class: I

Impact Protection: IK05

Bollard tube Ø 115 mm made of corrosion-resistant aluminium profile, powder coated. Recessed stainless steel fixing plate. Non-corrosive gear compartment made of mould-cast dual compound thermoplastic with integral TP gasket. Cover made of corrosion-resistant pressure die-cast aluminium, powder coated, with clear glass cylinder and conical reflector. With membrane valve to prevent condensation. Connection box on base, max. 2 x 3 x 2.5 mm² for loop through.

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



Reference number	Dimensions	Lamp	Light colour	Luminous flux	System power	dimmable
Bollards						Price Category 12
Height H 505 mm						
612161.00X	D 115, H 505	LED	830	600 lm	10 W	on/off
612161.00X.1	D 115, H 505	LED	840	630 lm	10 W	on/off
Height H 710 mm						
612162.00X	D 115, H 710	LED	830	600 lm	10 W	on/off
612162.00X.1	D 115, H 710	LED	840	630 lm	10 W	on/off
Height H 1035 mm						
612163.00X	D 115, H 1035	LED	830	600 lm	10 W	on/off
612163.00X.1	D 115, H 1035	LED	840	630 lm	10 W	on/off

Accessory for ground installation						Price Category 12
982103.000	D 115, H 401	Aluminium root with anti-sink protection and fixing set				

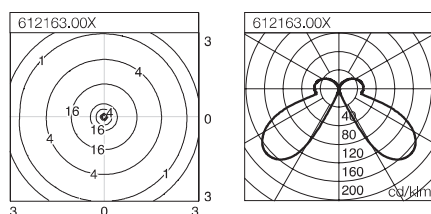
Replacement glasses						Price Category 12
982527.00X	D 115, H 137	Replacement glass complete with conical screen				

Comparison LED vs. conventional lamps

LED 10 W ≈

1 x 57 W QA60 (57 W Psys)

1 x 18 W TC-D (26 W Psys)



MEGA

Product overview



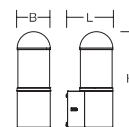
Wall luminaires | Mega Laterne

Type of Protection: **IP 65**

Protection Class: I

Cover made of die cast aluminium, powder coated, with opal cylinder (glass). Bottom cover printed toughened glass. Base and housing made of corrosion resistant pressure die-cast aluminium (sea-water resistant powder-coated). Fixing on the wall outside the gasketed volume, drill hole deviations can be compensated. Screwless luminaire fixing via RZB Gravalock® System. With membrane valve as a standard to prevent condensed water. Electrical plug and play featuring quick connector. Cable entry granting two cables for loop-through. Mains connection 2 x 3 x 2.5 mm².

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

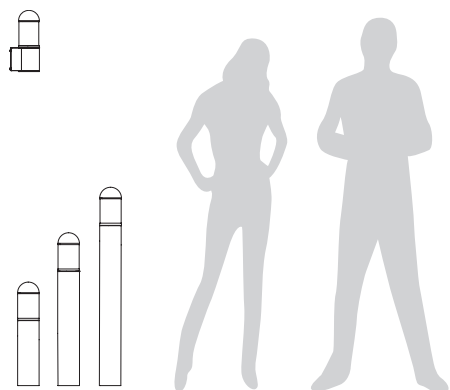


Daylight sensor:

Light-interference pulses of less than 5 seconds are suppressed. This prevents the luminaire from being switched on and off in case of brief incidences of light (e.g. passing vehicles with headlights).

- Switch-on threshold approx. 5-10 lx
- Switch-off threshold approx. 30-40 lx

Reference number	Dimensions	Lamp	Light colour	Luminous flux	System power	dimmm-able	
Wall luminaires							Price Category 12
621100.00X	L 160, B 115, H 338	LED	830	460 lm	10 W	on/off	
621100.00X.1	L 160, B 115, H 338	LED	840	480 lm	10 W	on/off	
Wall luminaires with additional light emission downwards							Price Category 12
621100.02X	L 160, B 115, H 338	LED	830	610 lm	14 W	on/off	
621100.02X.1	L 160, B 115, H 338	LED	840	640 lm	14 W	on/off	
Wall luminaires with daylight sensor							Price Category 12
621100.00X.25	L 160, B 115, H 338	LED	830	460 lm	10 W	on/off	
621100.00X.1.25	L 160, B 115, H 338	LED	840	480 lm	10 W	on/off	
Replacement glasses							Price Category 13
982262.00X	D 115, H 228	Spare diffuser with integral louvres					



Bollards | Mega Laterne

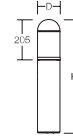
Type of Protection: **IP 65**

Protection Class: I

Impact Protection: IK05

Bollard tube Ø 115 mm made of corrosion-resistant aluminium profile, powder coated. Recessed stainless steel fixing plate. Non-corrosive gear compartment made of mould-cast dual compound thermoplastic with integral TP gasket. Cover made of die cast aluminium, powder coated, with opal cylinder (glass). With membrane valve to prevent condensation. Connection box on base, max. 2 x 3 x 2.5 mm² for loop through.

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



Reference number	Dimensions	Lamp	Light colour	Luminous flux	System power	dimmi-able
Bollards						Price Category 12
Height H 550 mm						
611996.00X	D 115, H 550	LED	830	460 lm	10 W	on/off
611996.00X.1	D 115, H 550	LED	840	480 lm	10 W	on/off
612115.00X	D 115, H 550	1 x QA60 (klar) max. 57 W				on/off
Height H 800 mm						
612149.00X	D 115, H 800	LED	830	460 lm	10 W	on/off
612149.00X.1	D 115, H 800	LED	840	480 lm	10 W	on/off
612148.00X	D 115, H 800	1 x QA60 (klar) max. 57 W				on/off
Height H 1050 mm						
612117.00X	D 115, H 1050	LED	830	460 lm	10 W	on/off
612117.00X.1	D 115, H 1050	LED	840	480 lm	10 W	on/off
612116.00X	D 115, H 1050	1 x QA60 (klar) max. 57 W				on/off

Accessory for ground installation						
Price Category 12						
982103.000	D 115, H 401	Aluminium root with anti-sink protection and fixing set				

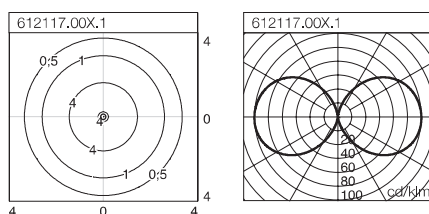
Replacement glasses						
Price Category 13						
982262.00X	D 115, H 228	Spare diffuser with integral louvres				

Comparison LED vs. conventional lamps

LED 10 W ≈

1 x 57 W QA60 (57 W Psys)

1 x 18 W TC-D (26 W Psys)



MEGA

Product overview



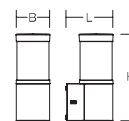
Wall luminaires | Mega Laterne

Type of Protection: **IP 65**

Protection Class: I

Cover made of die cast aluminium, powder coated, with opal cylinder (glass). Bottom cover printed toughened glass. Base and housing made of corrosion resistant pressure die-cast aluminium (sea-water resistant powder-coated). Fixing on the wall outside the gasketed volume, drill hole deviations can be compensated. Screwless luminaire fixing via RZB Gravalock® System. With membrane valve as a standard to prevent condensed water. Electrical plug and play featuring quick connector. Cable entry granting two cables for loop-through. Mains connection 2 x 3 x 2.5 mm².

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



Daylight sensor:

Light-interference pulses of less than 5 seconds are suppressed. This prevents the luminaire from being switched on and off in case of brief incidences of light (e.g. passing vehicles with headlights).

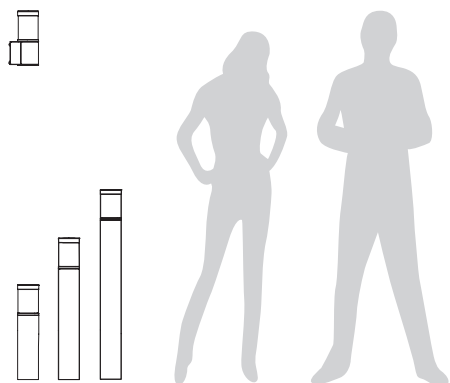
- Switch-on threshold approx. 5-10 lx
- Switch-off threshold approx. 30-40 lx

Reference number	Dimensions	Lamp	Light colour	Luminous flux	System power	dimmm-able	Price Category 12
Wall luminaires							
621098.00X	L 160, B 115, H 303	LED	830	460 lm	10 W	on/off	
621098.00X.1	L 160, B 115, H 303	LED	840	480 lm	10 W	on/off	

Wall luminaires with additional light emission downwards							Price Category 12
621098.02X	L 160, B 115, H 303	LED	830	610 lm	14 W	on/off	
621098.02X.1	L 160, B 115, H 303	LED	840	640 lm	14 W	on/off	

Wall luminaires with daylight sensor							Price Category 12
621098.00X.25	L 160, B 115, H 303	LED	830	460 lm	10 W	on/off	
621098.00X.1.25	L 160, B 115, H 303	LED	840	480 lm	10 W	on/off	

Replacement glasses							Price Category 13
982262.01X	D 116, H 193	Spare diffuser with integral louvres					



Bollards | Mega Laterne

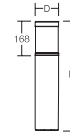
Type of Protection: **IP 65**

Protection Class: I

Impact Protection: IK05

Bollard tube Ø 115 mm made of corrosion-resistant aluminium profile, powder coated. Recessed stainless steel fixing plate. Non-corrosive gear compartment made of mould-cast dual compound thermoplastic with integral TP gasket. Cover made of die cast aluminium, powder coated, with opal cylinder (glass). With membrane valve to prevent condensation. Connection box on base, max. 2 x 3 x 2.5 mm² for loop through.

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



Reference number	Dimensions	Lamp	Light colour	Luminous flux	System power	dimmi-able
Bollards						Price Category 12
Height H 500 mm						
612164.00X	D 115, H 500	LED	830	460 lm	10 W	on/off
612164.00X.1	D 115, H 500	LED	840	480 lm	10 W	on/off
612165.00X	D 115, H 500	1 x QA60 (klar) max. 57 W				on/off
Height H 750 mm						
612166.00X	D 115, H 750	LED	830	460 lm	10 W	on/off
612166.00X.1	D 115, H 750	LED	840	480 lm	10 W	on/off
612167.00X	D 115, H 750	1 x QA60 (klar) max. 57 W				on/off
Height H 1000 mm						
612168.00X	D 115, H 1000	LED	830	460 lm	10 W	on/off
612168.00X.1	D 115, H 1000	LED	840	480 lm	10 W	on/off
612169.00X	D 115, H 1000	1 x QA60 (klar) max. 57 W				on/off

Accessory for ground installation			Price Category 12
982103.000	D 115, H 401	Aluminium root with anti-sink protection and fixing set	

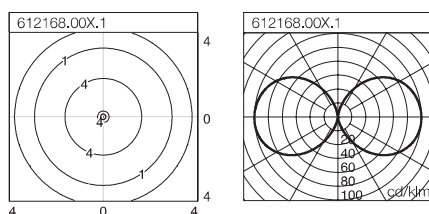
Replacement glasses			Price Category 13
982262.01X	D 116, H 193	Spare diffuser with integral louvres	

Comparison LED vs. conventional lamps

LED 10 W ≈

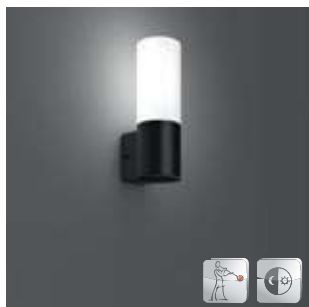
1 x 57 W QA60 (57 W Psys)

1 x 18 W TC-D (26 W Psys)



MEGA

Product overview



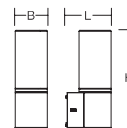
Wall luminaires | Mega Tube

Type of Protection: **IP 65**

Protection Class: **I**

Diffuser: mouth-blown opal glass, satin finish. Bottom cover printed toughened glass. Base and housing made of corrosion resistant pressure die-cast aluminium (seawater resistant powder-coated). Fixing on the wall outside the gasketed volume, drill hole deviations can be compensated. Screwless luminaire fixing via RZB Gravelock® System. With membrane valve as a standard to prevent condensed water. Electrical plug and play featuring quick connector. Cable entry granting two cables for loop-through. Mains connection 2 x 3 x 2,5 mm².

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



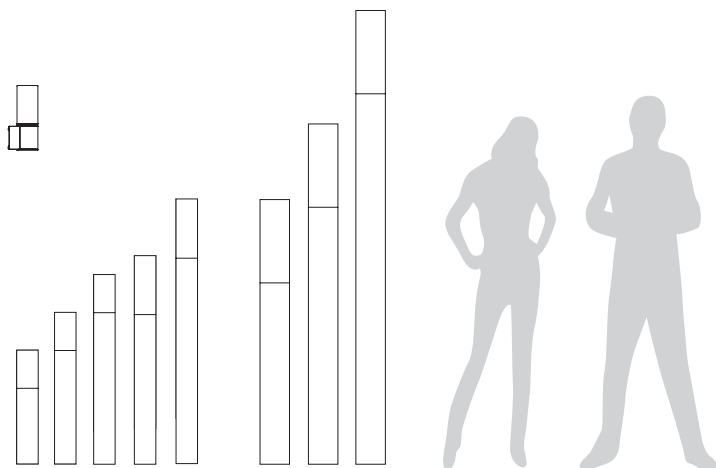
Daylight sensor:

Light-interference pulses of less than 5 seconds are suppressed. This prevents the luminaire from being switched on and off in case of brief incidences of light (e.g. passing vehicles with headlights).

- Switch-on threshold approx. 5–10 lx

- Switch-off threshold approx. 30–40 lx

Reference number	Dimensions	Lamp	Light colour	Luminous flux	System power	dimmm-able	
Wall luminaires							Price Category 12
621102.00X	L 160, B 115, H 338	LED	830	650 lm	10 W	on/off	
621102.00X.1	L 160, B 115, H 338	LED	840	670 lm	10 W	on/off	
Wall luminaires with additional light emission downwards							Price Category 12
621102.02X	L 160, B 115, H 338	LED	830	800 lm	14 W	on/off	
621102.02X.1	L 160, B 115, H 338	LED	840	830 lm	14 W	on/off	
Wall luminaires with daylight sensor							Price Category 12
621102.00X.25	L 160, B 115, H 338	LED	830	650 lm	10 W	on/off	
621102.00X.1.25	L 160, B 115, H 338	LED	840	670 lm	10 W	on/off	
Replacement glasses							Price Category 13
982108.01X	D 115, H 244	Opal glass, satin finish, h 210 mm					



Bollards | Mega Tube

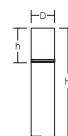
Type of Protection: **IP 65**

Protection Class: I

Impact Protection: IK03 (Glass), IK07 (Plastic)

Bollard tube Ø 115 mm made of corrosion-resistant aluminium profile, powder coated. Recessed stainless steel fixing plate. Non-corrosive gear compartment made of mould-cast dual compound thermoplastic with integral TP gasket. Diffuser: Opal glass, mouth-blown, satin finish, or opal plastic (polyethylene), satin finish. With membrane valve to prevent condensation. Connection box on base, max. 2 x 3 x 2,5 mm² for loop through.

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



Reference number	Dimensions	Lamp	Light colour	Luminous flux	System power	dim-able
Bollards						Price Category 12
Opal glass, satin finish						
Height H 600 mm, h 210 mm						
611872.00X	D 115, H 600	LED	830	650 lm	10 W	on/off
611872.00X.1	D 115, H 600	LED	840	670 lm	10 W	on/off
611875.00X	D 115, H 600	1 x QA60 (klar) max. 57 W				on/off
Height H 800 mm, h 210 mm						
612151.00X	D 115, H 800	LED	830	610 lm	10 W	on/off
612151.00X.1	D 115, H 800	LED	840	620 lm	10 W	on/off
612150.00X	D 115, H 800	1 x QA60 (klar) max. 57 W				on/off
Height H 1000 mm, h 210 mm						
611876.00X	D 115, H 1000	1 x QA60 (klar) max. 57 W				on/off
Height H 1100 mm, h 310 mm						
611873.00X	D 115, H 1100	LED	830	610 lm	10 W	on/off
611873.00X.1	D 115, H 1100	LED	840	620 lm	10 W	on/off
Height H 1400 mm, h 310 mm						
611874.00X	D 115, H 1400	LED	830	610 lm	10 W	on/off
611874.00X.1	D 115, H 1400	LED	840	620 lm	10 W	on/off
Diffuser: plastic (polyethylene), opal, satin finish						
Height H 600 mm, h 210 mm						
611913.00X	D 115, H 600	LED	830	750 lm	10 W	on/off
611913.00X.1	D 115, H 600	LED	840	770 lm	10 W	on/off
Height H 1100 mm, h 310 mm						
611914.00X	D 115, H 1100	LED	830	640 lm	10 W	on/off
611914.00X.1	D 115, H 1100	LED	840	660 lm	10 W	on/off
Height H 1400 mm, h 310 mm						
611915.00X	D 115, H 1400	LED	830	640 lm	10 W	on/off
611915.00X.1	D 115, H 1400	LED	840	660 lm	10 W	on/off

Glass and plastic diffusers are not interchangeable.

Accessory for ground installation			Price Category 12
982103.000	D 115, H 401	Aluminium root with anti-sink protection and fixing set	

Replacement diffusers			Price Category 13
982142.002	D 115, H 230	Plastic (polyethylene), opal, satin finish, h 210 mm	
982143.002	D 115, H 330	Plastic (polyethylene), opal, satin finish, h 310 mm	

Replacement glasses			Price Category 13
982108.01X	D 115, H 244	Opal glass, satin finish, h 210 mm	
982554.00X	D 115, H 344	Opal glass, satin finish, h 310 mm	

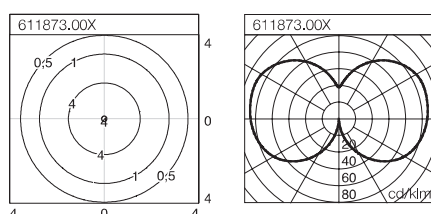


Comparison LED vs. conventional lamps

LED 10 W ≈

1 x 77 W QA60 (77 W Psys)

1 x 26 W TC-D (34 W Psys)



MEGA

Product overview



Comparison LED vs. conventional lamps

LED 20 W ≈

1 x 116 W QA60 (116 W Psys)
1 x 32 W TC-TEL (36 W Psys)

Bollards | Mega Tube

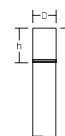
Type of Protection: **IP 65**

Protection Class: I

Impact Protection: IK03 (Glass), IK07 (Plastic)

Bollard tube Ø 156 mm made of corrosion-resistant aluminium profile, powder coated. Recessed stainless steel fixing plate. Non-corrosive gear compartment made of mould-cast dual compound thermoplastic with integral TP gasket. Diffuser: Opal glass, mouth-blown, satin finish, or opal plastic (polyethylene), satin finish. With membrane valve to prevent condensation. Connection box on base, max. 2 x 3 x 2.5 mm² for loop through.

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



Reference number	Dimensions	Lamp	Light colour	Luminous flux	System power	dim-able
Bollards						
Opal glass, satin finish						
Height H 1400 mm, h 440 mm						

611916.00X	D 156, H 1400	LED ⁽¹⁾	830	1400 lm	20 W	Phase-cut
611916.00X.1	D 156, H 1400	LED ⁽¹⁾	840	1450 lm	20 W	Phase-cut
Height H 1800 mm, h 440 mm						
611917.00X	D 156, H 1800	LED ⁽¹⁾	830	1400 lm	20 W	Phase-cut
611917.00X.1	D 156, H 1800	LED ⁽¹⁾	840	1450 lm	20 W	Phase-cut
Height H 2400 mm, h 440 mm						
611918.00X	D 156, H 2400	LED ⁽¹⁾	830	1400 lm	20 W	Phase-cut
611918.00X.1	D 156, H 2400	LED ⁽¹⁾	840	1450 lm	20 W	Phase-cut

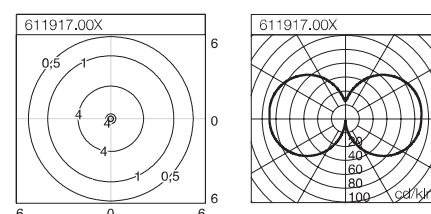
Diffuser: plastic (polyethylene), opal, satin finish

Height H 1400 mm, h 440 mm						
611919.00X	D 156, H 1400	LED ⁽¹⁾	830	1650 lm	20 W	Phase-cut
611919.00X.1	D 156, H 1400	LED ⁽¹⁾	840	1700 lm	20 W	Phase-cut
Height H 1800 mm, h 440 mm						
611920.00X	D 156, H 1800	LED ⁽¹⁾	830	1650 lm	20 W	Phase-cut
611920.00X.1	D 156, H 1800	LED ⁽¹⁾	840	1700 lm	20 W	Phase-cut
Height H 2400 mm, h 440 mm						
611921.00X	D 156, H 2400	LED ⁽¹⁾	830	1650 lm	20 W	Phase-cut
611921.00X.1	D 156, H 2400	LED ⁽¹⁾	840	1700 lm	20 W	Phase-cut

Glass and plastic diffusers are not interchangeable.

Accessory for ground installation			Price Category 12
982155.000	D 153, H 396	Aluminium root with anti-sink protection and fixing set	
982156.000	D 153, H 600	Aluminium root with anti-sink protection and fixing set	

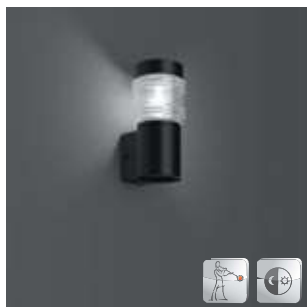
Replacement glasses		Price Category 13
982152.00X	D 156, H 462	





MEGA

Product overview



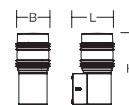
Wall luminaires | Mega Gürtellinse

Type of Protection: **IP 65**

Protection Class: **I**

Mouth-blown luminaire glass, clear, drum lens shape. Bottom cover printed toughened glass. Base and housing made of corrosion resistant pressure die-cast aluminium (seawater resistant powder-coated). Fixing on the wall outside the gasketed volume, drill hole deviations can be compensated. Screwless luminaire fixing via RZB Gravalock® System. With membrane valve as a standard to prevent condensed water. Electrical plug and play featuring quick connector. Cable entry granting two cables for loop-through. Mains connection 2 x 3 x 2.5 mm².

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



Daylight sensor:

Light-interference pulses of less than 5 seconds are suppressed. This prevents the luminaire from being switched on and off in case of brief incidences of light (e.g. passing vehicles with headlights).

- Switch-on threshold approx. 5-10 lx

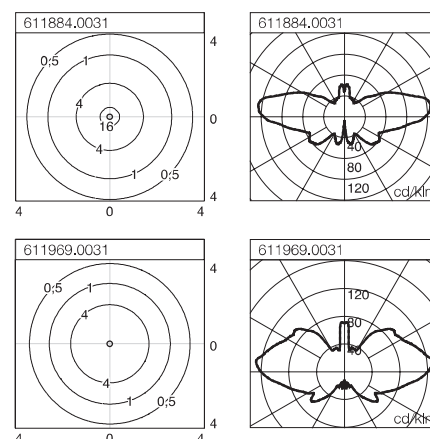
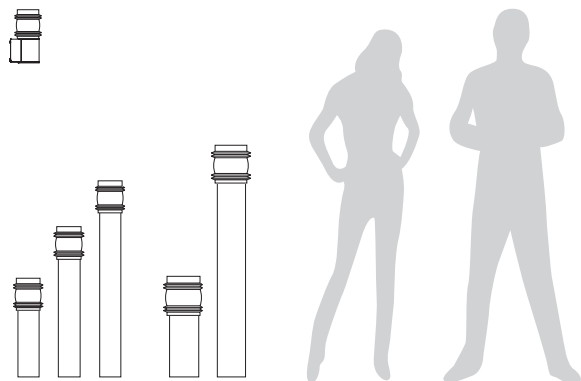
- Switch-off threshold approx. 30-40 lx

Reference number	Dimensions	Lamp	Light colour	Luminous flux	System power	dimmm-able	Price Category 12
Wall luminaires							
621103.00X	L 160, B 115, H 338	LED	830	500 lm	10 W	on/off	
621103.00X.1	L 160, B 115, H 338	LED	840	520 lm	10 W	on/off	

Wall luminaires with additional light emission downwards							
Price Category 12							
621103.02X	L 160, B 115, H 338	LED	830	650 lm	14 W	on/off	
621103.02X.1	L 160, B 115, H 338	LED	840	680 lm	14 W	on/off	

Wall luminaires with daylight sensor							
Price Category 12							
621103.00X.25	L 160, B 115, H 338	LED	830	500 lm	10 W	on/off	
621103.00X.1.25	L 160, B 115, H 338	LED	840	520 lm	10 W	on/off	

Replacement glasses							
Price Category 12							
982553.00X	D 140, H 187	Replacement glass with metal cap					



Bollards | Mega Gürtellinse

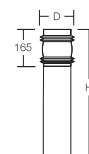
Type of Protection: **IP 65**

Protection Class: I

Impact Protection: IK02

Bollard tube Ø 115 mm made of corrosion resistant Aluminium profile, powder coated. Recessed stainless steel fixing plate. Non-corrosive gear compartment made of mould-cast dual compound thermoplastic with integral TP gasket. Clear, drum-lens shaped glass diffuser. With membrane valve as a standard to prevent condensed water. Integral electronic gear. Connection box on base, max. 2 x 3 x 2,5 mm² for loop through.

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



Reference number	Dimensions	Lamp	Light colour	Luminous flux	System power	dimmi-able
Bollards						Price Category 12
Height H 500 mm						
611882.00X	D 140, H 500	LED	830	500 lm	10 W	on/off
611882.00X.1	D 140, H 500	LED	840	520 lm	10 W	on/off
611885.00X	D 140, H 500	1 x QA60 (klar) max. 57 W				on/off
Height H 750 mm						
611883.00X	D 140, H 750	LED	830	500 lm	10 W	on/off
611883.00X.1	D 140, H 750	LED	840	520 lm	10 W	on/off
611886.00X	D 140, H 750	1 x QA60 (klar) max. 57 W				on/off
Height H 1000 mm						
611884.00X	D 140, H 1000	LED	830	500 lm	10 W	on/off
611884.00X.1	D 140, H 1000	LED	840	520 lm	10 W	on/off
611887.00X	D 140, H 1000	1 x QA60 (klar) max. 57 W				on/off

Accessory for ground installation						
Price Category 12						
982103.000	D 115, H 401	Aluminium root with anti-sink protection and fixing set				

Replacement glasses						
Price Category 12						
982553.00X	D 140, H 187	Replacement glass with metal cap				



Comparison LED vs. conventional lamps

LED 10 W ≈

1 x 57 W QA60 (57 W Psys)

1 x 18 W TC-D (26 W Psys)

Bollards | Mega Gürtellinse

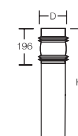
Type of Protection: **IP 65**

Protection Class: I

Impact Protection: IK02

Bollard tube Ø 156 mm made of corrosion resistant Aluminium profile, powder coated. Recessed stainless steel fixing plate. Non-corrosive gear compartment made of mould-cast dual compound thermoplastic with integral TP gasket. Clear, drum-lens shaped glass diffuser. With membrane valve as a standard to prevent condensed water. Integral electronic gear. Connection box on base, max. 2 x 3 x 2,5 mm² for loop through.

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



Reference number	Dimensions	Lamp	Light colour	Luminous flux	System power	dimmi-able
Bollards						Price Category 12
Height H 500 mm						
611968.00X	D 179, H 500	LED ⁽¹⁾	830	930 lm	20 W	Phase-cut
611968.00X.1	D 179, H 500	LED ⁽¹⁾	840	970 lm	20 W	Phase-cut
611966.00X	D 179, H 500	1 x QA60 (klar) max. 77 W				on/off
Height H 1200 mm						
611969.00X	D 179, H 1200	LED ⁽¹⁾	830	930 lm	20 W	Phase-cut
611969.00X.1	D 179, H 1200	LED ⁽¹⁾	840	970 lm	20 W	Phase-cut
611967.00X	D 179, H 1200	1 x QA60 (klar) max. 77 W				on/off

Accessory for ground installation						
Price Category 12						
982155.000	D 153, H 396	Aluminium root with anti-sink protection and fixing set				

Replacement glasses						
Price Category 13						
981142.01X	D 176, H 232	Replacement glass with metal cap				



Comparison LED vs. conventional lamps

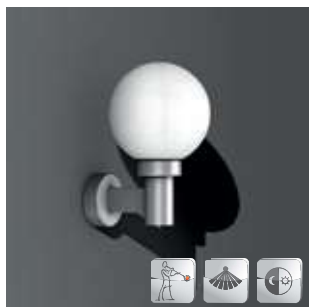
LED 20 W ≈

1 x 77 W QA60 (77 W Psys)

1 x 26 W TC-D (34 W Psys)

MEGA

Product overview



Wall luminaires | Kugel Opal

Type of Protection: **IP 65, IP 54** (with movement sensor)

Protection Class: I

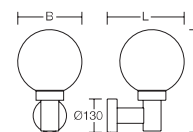
Impact Protection: IK02

Base: pressure die-cast aluminium, powder-coated.

Diffuser: mouth-blown opal glass, satin finish with bayonet lock.

With mains voltage LED module.

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



Wall luminaires with integrated IR movement sensor and daylight sensor

Switching capacity: max. 1,000 W (ohmic load)

Response time: 6 seconds - 8 minutes, adjustable

Light-sensitive response: 5 Lux - 2,000 Lux, adjustable

Mounting height: 2.0 - 2.5 m

Detection angle: horizontal 360°, vertical 25°

Detection range: 9 m

Reference number	Dimensions	Lamp	Light colour	Luminous flux	System power	dimmable
Wall luminaires						
Glass sphere D 300 mm						
621091.00X	L 325, B 300, H 440	LED ⁽¹⁾	830	570 lm	8,5 W	on/off
621091.00X.1	L 325, B 300, H 440	LED ⁽¹⁾	840	590 lm	10 W	on/off
621094.00X	L 325, B 300, H 440	1 x QA60 (klar) max. 77 W				on/off

Price Category 12

Wall luminaires with IR movement sensor (integral daylight sensor)

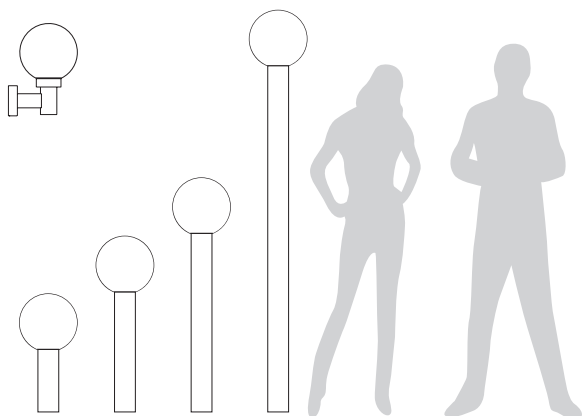
Price Category 12

Glass sphere D 300 mm						
621091.00X.19	L 325, B 300, H 480	LED ⁽¹⁾	830	570 lm	8,5 W	on/off
621091.00X.1.19	L 325, B 300, H 480	LED ⁽¹⁾	840	590 lm	10 W	on/off
621094.00X.19	L 325, B 300, H 480	1 x QA60 (klar) max. 77 W				on/off

Replacement glasses

Price Category 13

982110.002	D 300, H 300	Opal glass, satin finish				
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Bollards | Mega Kugel

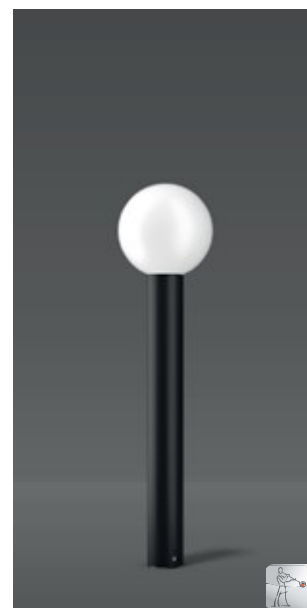
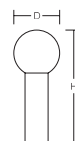
Type of Protection: **IP 65**

Protection Class: I

Impact Protection: IK02

Bollard tube Ø 115 mm made of corrosion resistant Aluminium profile, powder coated. Recessed stainless steel fixing plate. Non-corrosive gear compartment made of mould-cast dual compound thermoplastic with integral TP gasket. Opal glass diffuser with satin finish. With membrane valve as a standard to prevent condensed water. Integral electronic gear. Connection box on base, max. 2 x 3 x 2.5 mm² for loop through.

Available colour: 31 = anthracite metallic



Reference number	Dimensions	Lamp	Light colour	Luminous flux	System power	dimmi-able
Bollards						Price Category 12
Height H 600 mm						
611877.0031	D 300, H 600	LED	830	710 lm	10 W	on/off
611877.0031.1	D 300, H 600	LED	840	760 lm	10 W	on/off
611880.0031	D 300, H 600	1 x QA60 (klar) max. 57 W				on/off
Height H 900 mm						
611878.0031	D 300, H 900	LED	830	710 lm	10 W	on/off
611878.0031.1	D 300, H 900	LED	840	760 lm	10 W	on/off
611890.0031	D 300, H 900	1 x QA60 (klar) max. 57 W				on/off
Height H 1200 mm						
611879.0031	D 300, H 1200	LED	830	710 lm	10 W	on/off
611879.0031.1	D 300, H 1200	LED	840	760 lm	10 W	on/off
611881.0031	D 300, H 1200	1 x QA60 (klar) max. 57 W				on/off
Height H 2000 mm						
611889.0031	D 300, H 2000	LED	830	710 lm	10 W	on/off
611889.0031.1	D 300, H 2000	LED	840	760 lm	10 W	on/off
611888.0031	D 300, H 2000	1 x QA60 (klar) max. 57 W				on/off

Accessory for ground installation						
Price Category 12						
982103.000	D 115, H 401	Aluminium root with anti-sink protection and fixing set				
982236.000	D 115, H 601	Aluminium root with anti-sink protection and fixing set				

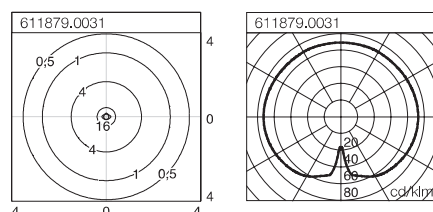
Replacement glasses						
Price Category 13						
982110.002	D 300, H 300	Opal glass, satin finish				

Comparison LED vs. conventional lamps

LED 10 W ≈

1 x 77 W QA60 (77 W Psys)

1 x 26 W TC-D (34 W Psys)







MEGA

Product overview



Comparison LED vs. conventional lamps

LED 10 W ≈

1 x 77 W QA60 (77 W Psys)
1 x 26 W TC-D (34 W Psys)

Bollards | Mega Square

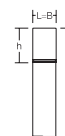
Type of Protection: **IP 65**

Protection Class: **I**

Impact Protection: **IK02**

Bollard tube made of corrosion-resistant aluminium profile, powder coated. Recessed stainless steel fixing plate. Non-corrosive gear compartment made of mould-cast dual compound thermoplastic with integral TP gasket. Opal glass: mouth-blown, satin finish. With membrane valve as a standard to prevent condensed water. Connection box on base, max. 2 x 3 x 2,5 mm² for loop through.

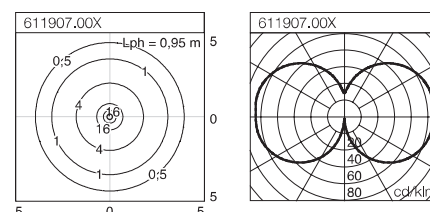
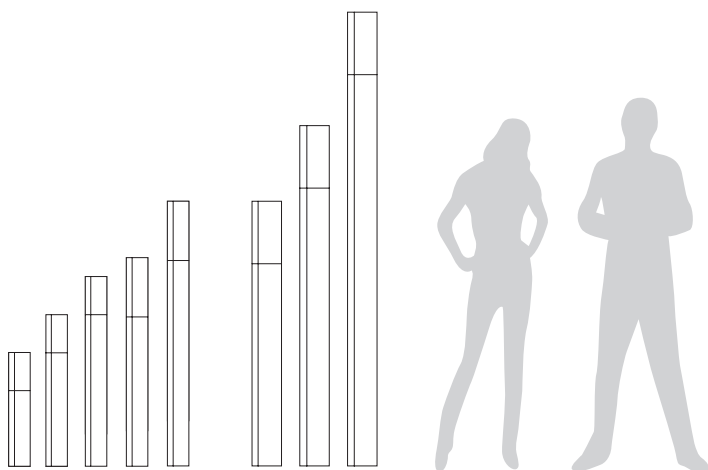
Available colours (X): 31 = anthracite metallic, 4 = silver metallic



Reference number	Dimensions	Lamp	Light colour	Luminous flux	System power	dimmi-able
Bollards						Price Category 12
Height H 600 mm, h 210 mm						
611905.00X	L 120, B 120, H 600	LED	830	740 lm	10 W	on/off
611905.00X.1	L 120, B 120, H 600	LED	840	750 lm	10 W	on/off
611904.00X	L 120, B 120, H 600	1 x QA60 (klar) max. 57 W				on/off
Height H 800 mm, h 210 mm						
612153.00X	L 120, B 120, H 800	LED	830	640 lm	10 W	on/off
612153.00X.1	L 120, B 120, H 800	LED	840	760 lm	10 W	on/off
612152.00X	L 120, B 120, H 800	1 x QA60 (klar) max. 57 W				on/off
Height H 1000 mm, h 210 mm						
611909.00X	L 120, B 120, H 1000	1 x QA60 (klar) max. 57 W				on/off
Height H 1100 mm, h 310 mm						
611907.00X	L 120, B 120, H 1100	LED	830	640 lm	10 W	on/off
611907.00X.1	L 120, B 120, H 1100	LED	840	760 lm	10 W	on/off
Height H 1400 mm, h 310 mm						
611908.00X	L 120, B 120, H 1400	LED	830	640 lm	10 W	on/off
611908.00X.1	L 120, B 120, H 1400	LED	840	760 lm	10 W	on/off

Accessory for ground installation			Price Category 12
982103.010	L 120, B 120, H 401	Aluminium root with anti-sink protection and fixing set	

Replacement glasses			Price Category 13
982132.002	L 120, B 120, H 235	Opal glass, satin finish, h 210 mm	
982133.002	L 120, B 120, H 335	Opal glass, satin finish, h 310 mm	



Bollards | Mega Square

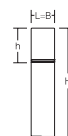
Type of Protection: **IP 65**

Protection Class: I

Impact Protection: IK02

Bollard tube made of corrosion-resistant aluminium profile, powder coated. Recessed stainless steel fixing plate. Non-corrosive gear compartment made of mould-cast dual compound thermoplastic with integral TP gasket. Opal glass: mouth-blown, satin finish. With membrane valve as a standard to prevent condensed water. Connection box on base, max. 2 x 3 x 2,5 mm² for loop through.

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



Reference number	Dimensions	Lamp	Light colour	Luminous flux	System power	dimmi-able
Bollards						Price Category 12
Height H 1400 mm, h 330 mm						
611910.00X	L 156, B 156, H 1400	LED ⁽¹⁾	830	1350 lm	20 W	Phase-cut
611910.00X.1	L 156, B 156, H 1400	LED ⁽¹⁾	840	1350 lm	20 W	Phase-cut
Height H 1800 mm, h 330 mm						
611911.00X	L 156, B 156, H 1800	LED ⁽¹⁾	830	1350 lm	20 W	Phase-cut
611911.00X.1	L 156, B 156, H 1800	LED ⁽¹⁾	840	1350 lm	20 W	Phase-cut
Height H 2400 mm, h 330 mm						
611912.00X	L 156, B 156, H 2400	LED ⁽¹⁾	830	1350 lm	20 W	Phase-cut
611912.00X.1	L 156, B 156, H 2400	LED ⁽¹⁾	840	1350 lm	20 W	Phase-cut

Accessory for ground installation						Price Category 12
982155.010	L 156, B 156, H 401	Aluminium root with anti-sink protection and fixing set				
982157.000	L 156, B 156, H 596	Aluminium root with anti-sink protection and fixing set				

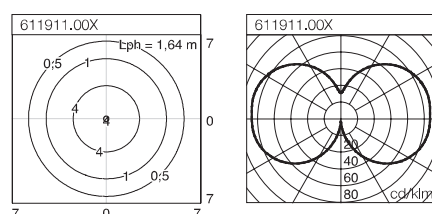
Replacement glasses						Price Category 13
982176.002	L 156, B 156, H 352	Opal glass, satin finish, h 330 mm				



Comparison LED vs. conventional lamps

LED 20 W ≈

1 x 116 W QA60 (116 W Psys)
1 x 32 W TC-TEL (36 W Psys)





FURTHER LUMINAIRES, MATCHING THIS SERIES:



⊕ Wallscape
Nadelspot, Cyl, Zono, Techno



⊕ Bocaro

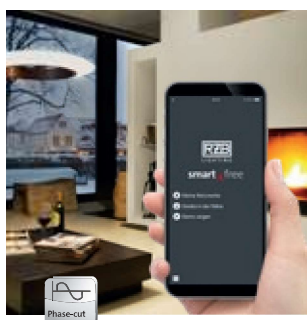


⊕ Mega Glaspoller



⊕ Lupalo

LIGHT MANAGEMENT SYSTEMS, MATCHING THIS SERIES:



⊕ smart+free
Bluetooth®

HIGHEST PRODUCT AND CONSULTING QUALITY

⊕ RELIABILITY

We are your reliable partner. From the first idea to the implementation and far beyond, we accompany your project. Personal, passionate and individual. Thanks to our excellent expertise, top product quality and services such as lighting design, economic efficiency analysis and commissioning, we meet the high demands of all parties involved in the planning process.

- ✓ availability of BIM files
- ✓ easy and quick installation
- ✓ quality and long warranty

⊕ WARRANTY

RZB grants 5 years warranty on LED luminaires and 2 years warranty on emergency luminaires!

The creation of high quality lighting solutions is our passion. Our products are developed and manufactured with the utmost care.

In addition to SMART TECHNOLOGY and EXCELLENT DESIGN, we are dedicated to manufacture luminaires of highest quality throughout the entire value chain through to After Sales Service.

Because of this, we confidently grant you a 5 years warranty on LED luminaires and 2 years warranty on emergency luminaires with effect of the date of invoice without prior registration of your project.

Warranty terms to be found under
rzb.de/en/service/led-luminaire-warranty

RZB - FOR A TANGIBLE ADDED VALUE.



08-2020



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