

LED Pillar Cylinder Ø 200 mm Model 862

This powerful and economic pillar luminaire serves for the decorative outdoor illumination with symmetrically beaming light. They are used as orientation and optical guidance in private and public areas as well as structural light components. Its plain style contributes to a harmonious visual impression, even during the day.

Fields of application are pedestrian zones, squares, parks, terraces, entrance areas, driveways and other prestigious outdoor spaces. The area to be illuminated is lit up rotation-symmetrically, uniformly and with a wide beam angle.

Within the pillar luminaire innovative MCOB LED technology in combination with proven reflector technology is used. The luminaires are equipped with highly efficient LED modules with **nominal 120 lm/W** at 5,000 K. By means of segmental assembly partial areas, where less light is wanted (e. g. near house walls), can be shaded.

High-quality materials and solid construction make the luminaires particularly suited for areas where there are high requirements in regard to sturdiness.



- Enclosure: aluminium
- Installation: ground anchor
- Acrylic cylinder (PMMA)
- Multichip-On-Board-LED
- Light emission pattern 360°
- Light distribution: symmetrical
- Optionally, segmental assembly (asymmetrical)
- Colour temperatures: warm white (3,000 K), neutral white (4,000 K),
daylight white (5,000 K)
- Degree of protection IP 54
- LED module and electronic ballast are separately removable and plug-connected
- Optionally, the luminaires can be equipped with a telemanagement system

Model description and performance variants				
Model	Description	Performance	Weight	Effective lumen output (at 5,000 K)
862	Pillar Luminaire Ø 200 mm h = 900	22 W	14.0 kg	1,901
862	Pillar Luminaire Ø 200 mm h = 1,200	22 W	17.0 kg	1,901
862	Pillar Luminaire Ø 200 mm h = 1,800	22 W	22.5 kg	1,901
862	Pillar Luminaire Ø 200 mm h = 2,400	22 W	27.5 kg	1,901

Subject to technical modifications

Operating Instructions Pillar Cylinder Ø 200 mm

(Please, read carefully before starting operation)

Version: 17.01.2017

Model 862

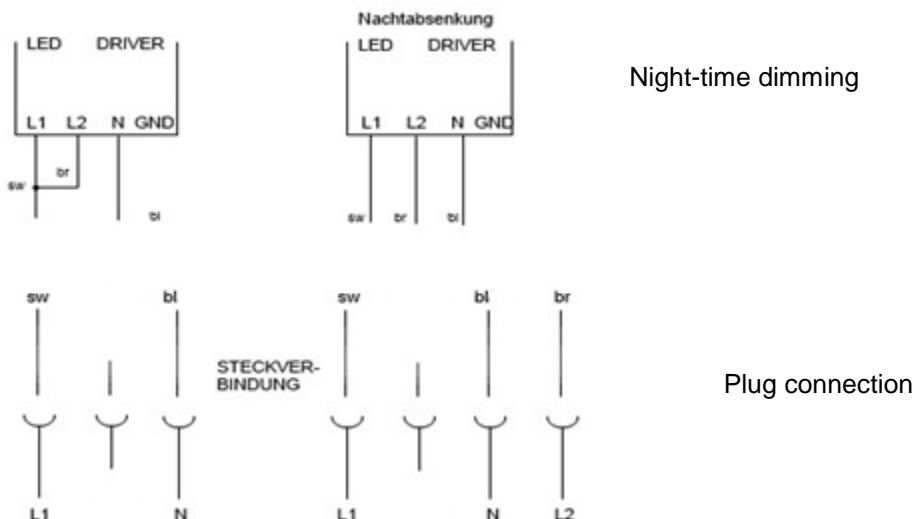
Technical Specifications:

Rated voltage	230 Volt AC
Rated amperage	Max. 0.10 A
Power supply	Interference suppressed acc. to DIN EN 61000-6-3/-4, EN 55011, EN 55022 Cl. B, power factor corrected
Power factor BöSha LED driver	Cos ϕ = 0.96 at nominal load
Type of protection	Class II acc. to VDE 0140 (DIN EN 61140)
Safety extra-low voltage (SELV)	Acc. to EN 61347-2-13
Degree of enclosure protection	IP 54
System performance	14 / 22 / 42 Watt
Manufactured according to	VDE 0710/0711
Wired ready for operation acc. to	EN 60598
Ambient temperature	From - 40 °C to + 40 °C for > 100,000 hrs
Standard connection	Free conductor ends or screw terminals

Weights / Dimensions	Weights	Dimensions in mm	Wind-exposed areas m ²
Pillar h = 900 mm	10.9 kg	900 x Ø 200	0.18
Pillar h = 1,200 mm	12.5 kg	1,200 x Ø 200	0.24
Pillar h = 1,800 mm	16.9 kg	1,800 x Ø 200	0.36
Pillar h = 2,400 mm	18.9 kg	2,400 x Ø 200	0.48

Installation and connection:

Due to the pre-assembled cable opening of the luminaire is **not** necessary.



BöSha pillars are installed with a mounting plate on a customer-provided foundation according to applicable national and international regulations. Optionally, the pillars can also be attached to an existing customer-provided foundation by means of a ground spike.

Installation: at least 4 heavy-duty dowels and screws min. M 20 x 75 (not part of delivery); torque: 60 Nm.



Starting operation:

Installation has to be carried out by suitably qualified staff only. For damages resulting from improper handling we do not assume any liability.

- Determine voltage free status and secure against re-energizing
- Connect the supply cable and perform function test.

Technical notice:

The luminaire is supplied with a pre-assembled cable.

Number of clamping points: 2

Rated voltage: 230 V AC

Rated amperage: 0.10 A

Transport and storage:

Store the luminaires in a dry, dust-free environment. In the event of improper storage any warranty claims will not be accepted.

The LED light sources must not be exchanged by the user – only by the manufacturer. If exchange of the LED modules should become necessary the luminaire has to be returned to the manufacturer (BöSha).