

LED Bollard Luminaire Cylinder Ø 130 mm Model 863

Bollard luminaires are applied for the illumination of walkways on greens or open spaces, stairs, squares and entrance areas of buildings. Different practical sizes and a timeless design makes them fit into any environment, and they serve as orientation and optical guidance as well as structural light components.

The area to be illuminated is lit up rotation-symmetrically, uniformly and with a wide beam angle. The luminaires are equipped with highly efficient LED modules with **nominal 120 lm/W** at 5,000 K.

High-quality materials and solid construction make the luminaires particularly suited for areas where there are high requirements in regard to sturdiness. They are installed on a planted base of hot-dip galvanized steel.



- Enclosure: aluminium
- 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 65
- 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)
863	Bollard Luminaire Cylinder Ø 130 mm h = 900	10 W	6.9 kg	864
863	Bollard Luminaire Cylinder Ø 130 mm h = 1,200	10 W	8.5 kg	864
863	Bollard Luminaire Cylinder Ø 130 mm h = 1,800	10 W	12.9 kg	864
863	Bollard Luminaire Cylinder Ø 130 mm h = 2,400	10 W	14.5 kg	864

Subject to technical modifications

Operating Instructions Bollard Luminaire Cylinder Ø 130 mm

(Please, read carefully before starting operation)

Version: 20.05.2016

Model 863

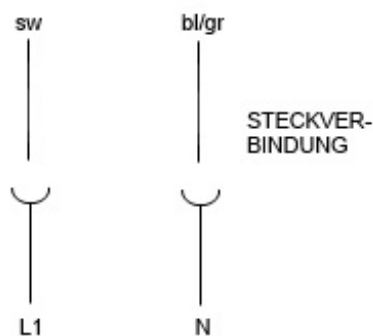
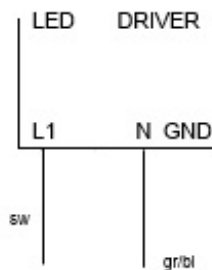
Technical Specifications:

Rated voltage	230 Volt AC
Rated amperage	Max. 0.05 A
Power supply	Interference suppressed acc. to DIN EN 61000-6-3/-4, EN 55011, EN 55022 Cl. B, power factor corrected
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 65
System performance	10 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
Bollard luminaire h = 900 mm	6.9 kg	900 x Ø 130	0.117
Bollard luminaire h = 1,200 mm	8.5 kg	1,200 x Ø 130	0.156
Bollard luminaire h = 1,800 mm	12.9 kg	1,800 x Ø 130	0.234
Bollard luminaire h = 2,400 mm	14.5 kg	2,400 x Ø 130	0.312

Installation and connection:

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



Plug connection



BöSha bollard luminaires are installed with a mounting plate on a customer-provided foundation according to applicable national and international regulations. Optionally, the bollard luminaires 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: 3

Rated voltage: 230 V AC

Rated amperage: 0.05 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).