

Operating Instructions LED Streetlights

(Please, read carefully before starting operation)

Version: 20.05.2016

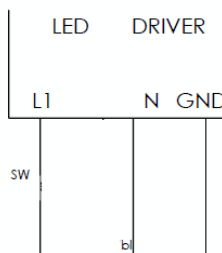
Model 1000312/313 Bell Luminaire

Technical Specifications:

Rated voltage	195-265 V / 50 Hz
Rated amperage	0.6 A
Type of protection	Class I or II acc. to VDE 0140 (DIN EN 61140)
Degree of enclosure protection	IP 65
System performance	30 / 55 Watt
Ambient temperature	From - 40 °C to + 30 °C for > 50,000 hrs
Recommended mounting height	Bell luminaire small: 3.0 – 6.0 m Bell luminaire big: 4.0 – 7.0 m
Maximum mounting height	7.0 m
Dimensions	Small: Ø 560 x 400 mm; big: Ø 750 x 510 mm
Weight	Small: 7.5 kg; big: 12.5 kg
Wind-exposed area	Small: 0.14 m ² ; big: 0.15 m ²

Installation and connection:

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



The connecting cable has to be connected according to the circuit diagram.

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:

For supply connection a mains terminal according to EN 60598 has to be used.

Number of clamping points: 3

Rated voltage: 230 V AC

Rated amperage: 0.6 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.

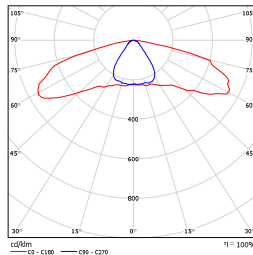
The LED light sources must not be exchanged by the user – only by the manufacturer. If exchange of the LED modules should become necessary the luminaire has to be returned to the manufacturer (BöSha).

LED Bell Luminaire

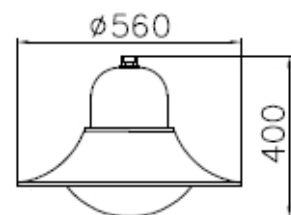
Especially in resident and park areas, they can often be found: the classical bell luminaires. Equipped with proven single-chip technology with **nominal 90 lm/W** at 6,000 K they are particularly suitable for exchange against existing installations and provide pleasant light in many fields of application.

Typical Application Areas: (Lighting Classes)

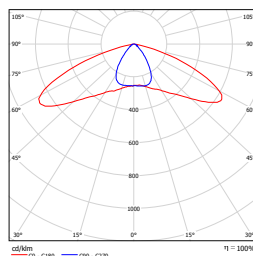
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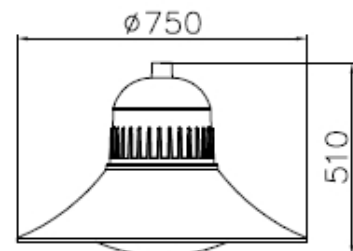
1000312



Aufhängung Ø 38



1000313



Aufhängung Ø 60

- Enclosure: cast aluminium powder coated (black RAL 9017)
- Illuminant cover: bell luminaire small – PC
bell luminaire big – safety glass
- Recommended pole height: bell luminaire small: 3.0 m – 6.0 m
bell luminaire big: 4.0 m – 7.0 m
- Single-chip-LED
- Light distribution: symmetrical
- Colour temperature: 6,000 K
- Life time LED: 50,000 h – L70, B10
- Degree of protection IP 65

Model description and performance variants

Model	Description	Performance	Weight Luminaire head	Wind load	Effective lumen output (at 6,000 K)
1000312	Bell Luminaire Small	30W	7.5 kg	0.14 m ²	2,274
1000313	Bell Luminaire Big	55W	12.5 kg	0.15 m ²	3,705

Subject to technical modifications