

Operating Instructions Catenary Luminaire

(Please, read carefully before starting operation)

Model 385 Type E

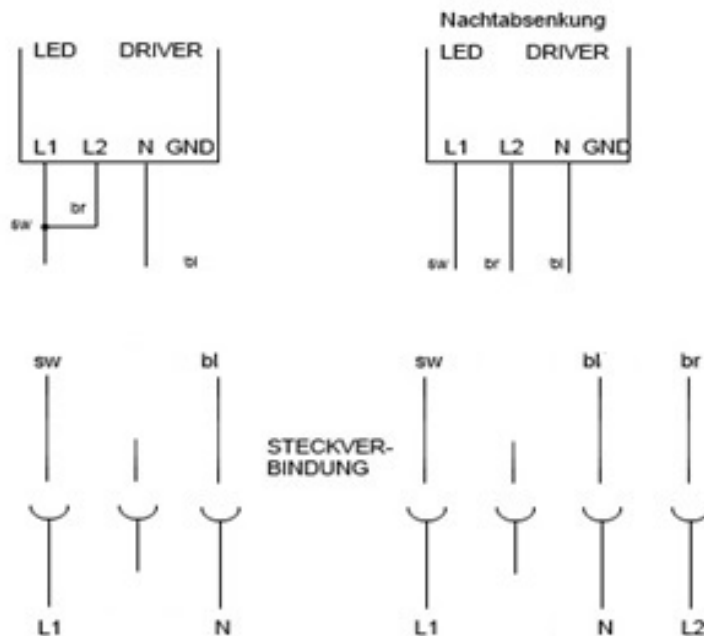
Version: 16.01.2017

Technical Specifications:

Rated voltage	230 Volt AC
Rated amperage	Max. 0.8 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 65
System performance	From 120 to 200 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
Recommended mounting height	6.0 – 14.0 m
Maximum mounting height	14.0 m
Torque for rope/cable mounting	16 Nm
Dimensions	750 x 298 x 110 mm
Weight	11.3 kg
Wind-exposed area	0.08 m ²
Standard connection	Free conductor ends or screw terminals
Rope/cable thickness	From 20 to 78 mm ² (diameter from 5 to 10 mm)

Installation and connection:

Night-time dimming

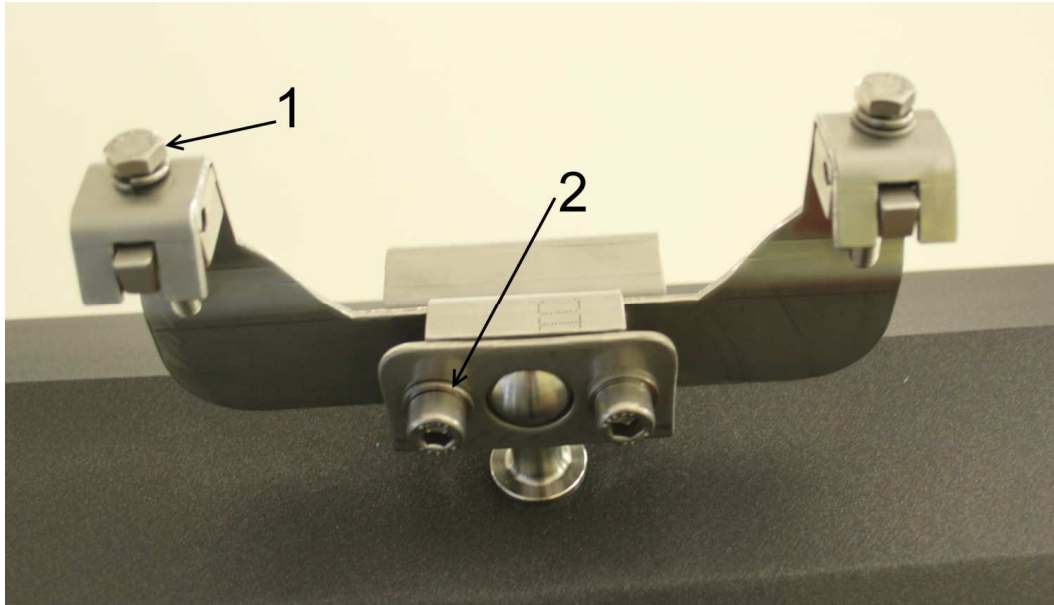


The connecting cable has to be connected according to the circuit diagram.
In the presence of night-time dimming the brown cable has to be connected to L2.

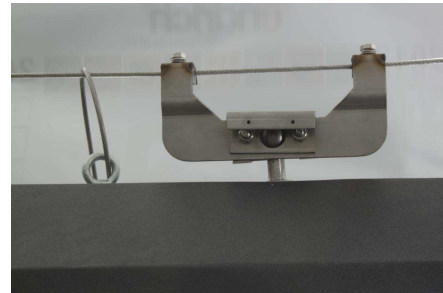
Starting operation:

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



- Loosen screws **1**. Insert suspension rope/cable and tighten screws again. Observe load carrying capacity and diameter of the suspension rope/cable. Ensure sufficient clamping.
- Loosen Allen screws **2**. Align the luminaires and tighten the screws again.
- Attach the safety rope/cable to the eyelet, as shown.



- Connect the supply cable and perform function test.

Technical notice:

For supply connection a mains terminal has to be used.

Number of clamping points: 3 (4 in models with night-time dimming)





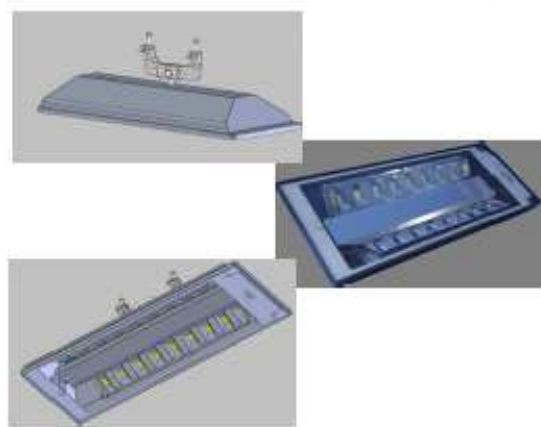
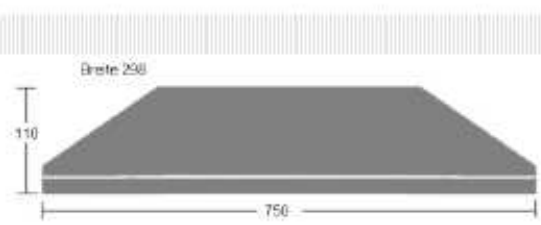

Rated voltage: 230 V AC

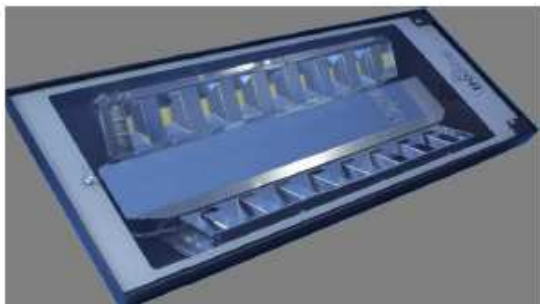
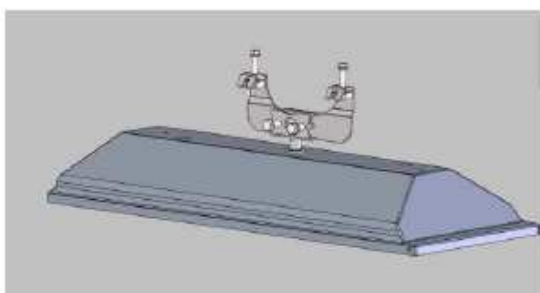
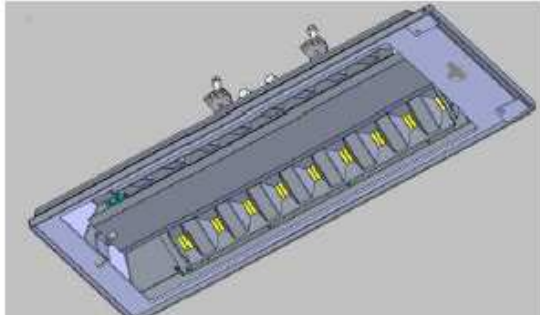
Rated amperage: 0.8 A

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).

 NETZE	Leuchten für Gleisfelder (LED)	Gruppe V 9												
<p>Leuchtenart Technische LED-Gleisfeldleucht</p> <p><u>Prüfzeichen</u> CE, VDE, ENEC</p> <p><u>Leuchtengehäuse</u> Schutzgrad IP: 68</p> <p>Schutzklasse <input type="checkbox"/>  <input checked="" type="checkbox"/>  <input type="checkbox"/> </p> <p>Zopfaufnahme <input type="checkbox"/> unten <input type="checkbox"/> seitlich X Feinjustierung</p> <p>Gewicht 11,3 kg</p> <p>Windangriffsfläche m2 0,09 m²</p> <p>sonstige Angaben: Lebensdauer > 100.000 Std.</p> <p><u>Abschluss</u> Abmessungen: 750 x 298 x 110</p> <p><u>Lichttechnik</u> Multi-Chip-on-Board-LED</p> <p>Befestigung mit Seilhalterung</p> <p>Schaltung 230 V AC 1 phasig</p> <p>Elektrische Bauteile Konstantstromtreiber</p> <p>Lichtfarbe: 4.000K</p> <p>Lichtverteilung: symmetrisch</p> <p>Verwendungszweck LED-Gleisfeldbeleuchtung</p>	<p>Listenblattnummer: wird von I.NVT312 vergeben</p> <p>Leuchte (Name) LED-Seilleuchte Mod. 385 Typ E</p>  													
<p>Hersteller</p> <p>BöSha GmbH & Co.KG Industriegebiet Heidberg 21 D-59802 Rütten Tel. + 49 - (0) 29 52 - 970 91-0 Fax + 49 - (0) 29 52 - 970 91 - 150 info@boesha.de</p>														
<p><u>Lichtstärkeverteilung</u></p>	<p>Hersteller - Nr.</p>	<p>Bestückung</p> <table border="1"> <thead> <tr> <th>LED</th> <th>Leistung</th> <th>Lichtstrom</th> </tr> </thead> <tbody> <tr> <td></td> <td>120 W</td> <td>10.140 lm</td> </tr> <tr> <td></td> <td>150 W</td> <td>12.675 lm</td> </tr> <tr> <td></td> <td>200 W</td> <td>16.900 lm</td> </tr> </tbody> </table>	LED	Leistung	Lichtstrom		120 W	10.140 lm		150 W	12.675 lm		200 W	16.900 lm
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DB NETZE	Leuchten für Gleisfelder (LED)	Gruppe V 9
<p>Wartungsanleitung</p> <p>Reinigung der Sicherheitsglasscheibe in regelmäßigen Abständen wird empfohlen.</p>		<p>Listenblattnummer: <input type="text" value="wird von I.NVT312 vergeben"/></p> <p>Leuchte (Name) <input type="text" value="LED-Seilleuchte Mod. 385 Typ B"/></p>   

Freigabedatum



I.NVT 312, AK-Beleuchtung

Subject to technical modifications