

Technische Daten

Nennspannung	DC 28 V =
Eingangstrom	max. 5 A
Leistungsaufnahme pro Meter	19 W
Schutzart	IP 67
Schutzklasse	III
Umgebungstemperatur	-20...+45 °C
Lager-/ Transporttemperatur	-25 ... +60 °C

Zubehör

Adapterleitung mit Buchse 2 m	Art.-Nr. 38910494
Adapterleitung mit Stecker 2 m	Art.-Nr. 38910495
Abschlussstecker IP67	Art.-Nr. il 4020 AS1 IP67
Abschlussbuchse IP67	Art.-Nr. 50909913
Verlängerungsleitung 0,2 m	Art.-Nr. il 4020 ZL 201 01
Verlängerungsleitung 0,5 m	Art.-Nr. il 4020 ZL 501 01
Verlängerungsleitung 0,61 m	Art.-Nr. il 4020 ZL 611 01
Verlängerungsleitung 1,0 m	Art.-Nr. il 4020 ZL 102 01
Verlängerungsleitung 1,5 m	Art.-Nr. il 4020 ZL 152 01

Gewährleistung

Technische und formale Änderungen am Produkt, soweit sie dem technischen Fortschritt dienen, behalten wir uns vor.

Wir leisten Gewähr im Rahmen der gesetzlichen Bestimmungen.

Bitte schicken Sie das Gerät portofrei mit einer Fehlerbeschreibung an unsere zentrale Kundendienststelle:

Instalighting GmbH
Oststraße 14-16
59929 Brilon
Deutschland

Safety instructions

 Electrical devices may only be mounted and connected by electrically skilled persons.

Serious injuries, fire or property damage possible. Please read and follow manual fully.

Fire hazard. Do not connect the LED luminaires to the mains voltage. The LED lamps will be destroyed.

The LED luminaire is a device of protection class III. During installation and cable routing, comply with the regulations and standards which apply for SELV.

Do not bend LED luminaire. This can cause damage.

The connecting cable is not exchangeable. If the connecting cable is damaged, replace the entire luminaire.

The LED light insert cannot be walked over or rolled over. Only install LED light insert in an environment protected against pressure load.

These instructions are an integral part of the product, and must remain with the end customer.

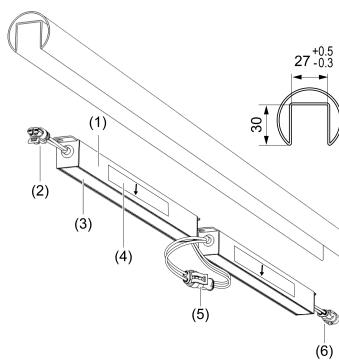
Device components

Figure 1

- (1) Luminaire housing (Stainless Steel)
- (2) Plug connector (plug)
- (3) Light output (encapsulation)
- (4) Labelling of beam direction
- (5) Chain-linking of the plug connectors
- (6) Plug connector (socket)

Intended use

- Encapsulated LED light inserts in stainless-steel housing.
- Universal mounting in groove with a dimension of at least 27x30 mm (WxH)
- Mounting indoors or outdoors (IP67)
- Power supply via external power supply unit DC 28 V SELV

Light technology

Symmetrical light distribution with a beam angle of 90°.

Lamps

Maintenance free high-performance LED lamp. The lamp cannot be replaced.

Information for electrically skilled persons**Fitting and electrical connection****Mounting LED lighting inserts**

- i** Depending on the mounting direction, a light strand can begin with a plug or a socket. Use appropriate adapter cables and termination plug/socket (accessories).
- i** Use stainless steel screws only for the mounting (\varnothing 6 mm).

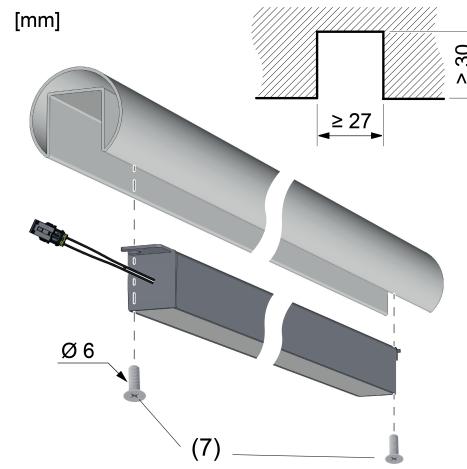


Figure 2: Mounting the LED light insert

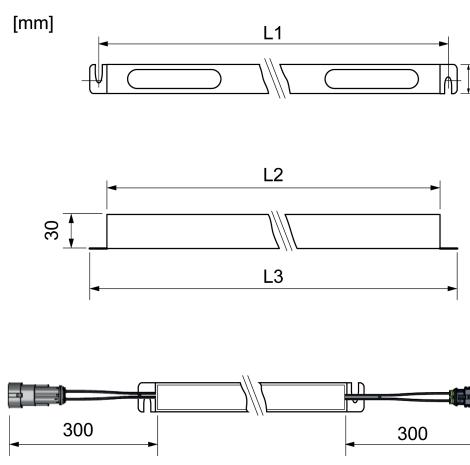


Figure 3: Dimensioned drawing [mm]

Length overview

L1 (mm)	L2 (mm)	L3 (mm)
374	361	389
699	686	714
1024	1011	1039
1349	1336	1364

- In the mounting base material (e.g. handrail), prepare a groove according to drawing (Figure 2).
- Prepare boreholes in the groove for the fastening of the luminaires. Observe dimensioned drawing for the distance of the boreholes (Figure 3).
- Fasten LED light insert with stainless steel screws (7) in the groove (Figure 2).

Connect the light inserts**DANGER!**

Electrical shock when live parts are touched within the power supply unit.

Electrical shocks can be fatal.

Before connecting the luminaires, disconnect the supply line to the power supply unit.

**DANGER!**

Fire hazard due to overheating.

Do not exceed the maximum current carrying capacity of 5 A per strand.

OHR3_N27_SYM_LS**il4020 sym LS MP ...****Operating instructions**

(GB)



InstaLighting GmbH
Oststraße 14-16
D-59929 Brilon

100010130

www.instalighting.de

28.05.2024

- i** To connect the supply line, use the adapter cable (accessories).
- i** Only connect one supply line per strand.
- i** The total length of the LED light inserts of a strand must not exceed 7.5 m. For example, 5 LED light inserts with a length of 1364 mm and 1 light insert with a length of 714 mm can be connected to one strand.
- Connect the light inserts according to the connection diagram (Figure 4).
- Seal the output cable of the last LED light insert with a termination socket or termination plug (accessories).

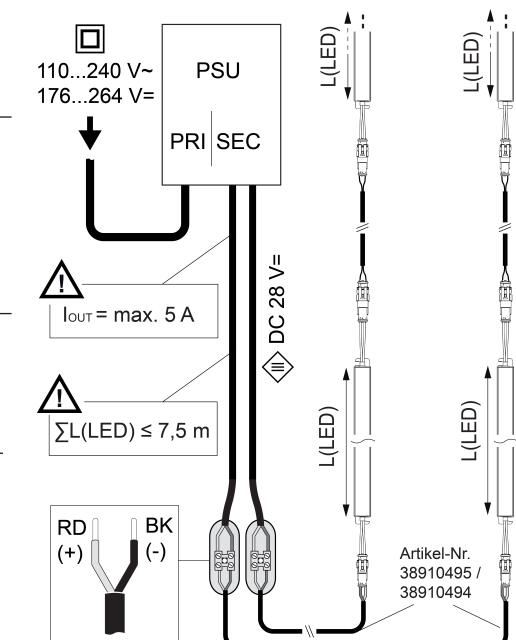


Figure 4: Connection diagram

Technical data

Rated voltage	DC 28 V =
Input current	max. 5 A
Power consumption per metre	19 W
Degree of protection	IP 67
Protection class	III
Ambient temperature	-20...+45 °C
Storage/transport temperature	-25 ... +60 °C

Accessories

Adaptecable with socket 2 m	Art. no. 38910494
Adapter cable with plug 2 m	Art. no. 38910495
Termination plug IP67	Art. no. il 4020 AS1 IP67
Termination socket IP67	Art. no. 50909913
Extension cable 0.2 m	Art. no. il 4020 ZL 201 01
Extension cable 0.5 m	Art. no. il 4020 ZL 501 01
Extension cable 0.61 m	Art. no. il 4020 ZL 611 01
Extension cable 1.0 m	Art. no. il 4020 ZL 102 01
Extension cable 1.5 m	Art. no. il 4020 ZL 152 01

Warranty

We reserve the right to make technical and formal changes to the product in the interest of technical progress.

We provide a warranty as provided for by law.

Please send the unit postage-free with a description of the defect to our central customer service office:

Instalighting GmbH
Oststraße 14-16
59929 Brilon
Germany