

instalight 1065 DB B 500 mm

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 operate the LED luminaires on a dimmer. The LED luminaires cannot be dimmed.

Only the manufacturer may exchange the connecting cable. In case of damaged connection cable, send the luminaire to the central customer service office of the manufacturer.

If the protective glass is damaged, replace the entire luminaire.

Do not damage the powder coating. A damaged powder coating can lead to corrosion.

Chemicals may endanger the corrosion protection. Avoid contact with aggressive media (e.g. acids).

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

Device components

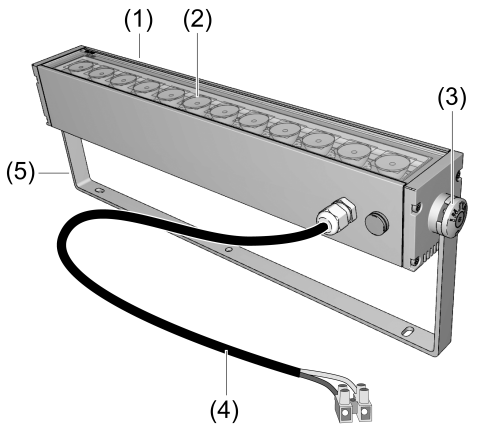


Figure 1

- (1) Luminaire housing
- (2) Protective glass (Light output)
- (3) Clamping disc
- (4) Connecting cable (1 metre with screw terminal)
- (5) Retainer clamp

Function

Intended use

Compact LED Facade spotlight. To accentuate architectural elements in indoor and outdoor areas. Suitable for wall, ceiling and floor mounting.

Light technology

12 LED light sources with asymmetric or rotation-symmetric light distribution. For the even illumination of areas or selective accentuation light.

Current information on light technology and light distribution curves can be found in the Internet at www.instalighting.de

Lamps / Maintenance

High-performance LED lamps. Expected average service life subject to compliance with the specified ambient temperature: 50,000 h (70%). The light source of this luminaire cannot be replaced. When the light source has reached the end of its service life, the entire luminaire must be replaced.

Cleaning

Before cleaning, switch the luminaire off and let it cool down. Clean the luminaire housing with a moistened soft towel.

The protective glass can be cleaned using the same cleaning agents approved for use on glass-ceramic cooktops.

Information for electrically skilled persons

Fitting and electrical connection



DANGER!

Electrical shock when live parts are touched.

Electrical shocks can be fatal.

Before connecting the luminaires, disconnect the supply line.

Mounting the luminaire

Some luminaire types have an asymmetric beam pattern (see luminaire datasheet). To ensure even illumination, those luminaires must be installed in such a way that the cable outlet is pointing towards the area to be illuminated (Figure 2).

The height of the illumination depends on the distance between the luminaire and the illuminated areas as well as the angle of inclination of the luminaire. In the case of wall installation, the distance of the luminaire from the wall is predetermined by the retainer clamp. The illumination can be varied by a slight inclination towards the wall. In the case of floor mounting, the distance between the luminaire and wall can be adapted to the height to be illuminated.

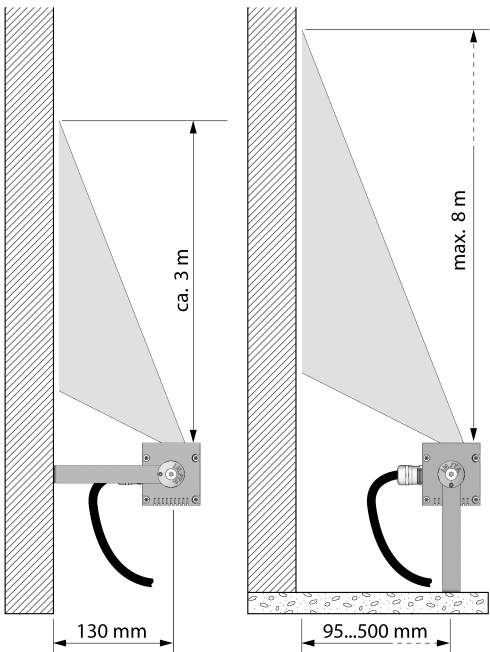


Figure 2: Installation variants: Wall and floor mounting

- To install the luminaire, first loosen the side clamping discs (3) using a TORX 30 pin wrench and remove the retainer clamp (5) from the luminaire housing (1).
- Fit boreholes (Figure 3).
- Use both of the external holes in the retainer clamp at least for the mounting.
- Fasten the retainer clamps (5) to the installation substrate using two suitable screws.
- Insert the luminaire housing (1) into the retainer clamp (5).
- Push on the clamping discs (3) on both sides of the retainer clamp and hand-tighten the screw using a TORX 30 pin wrench.

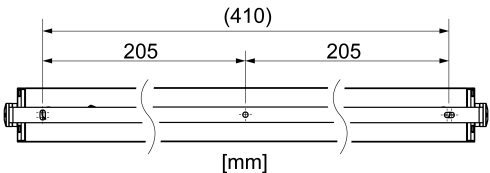


Figure 3: Drilling dimensions

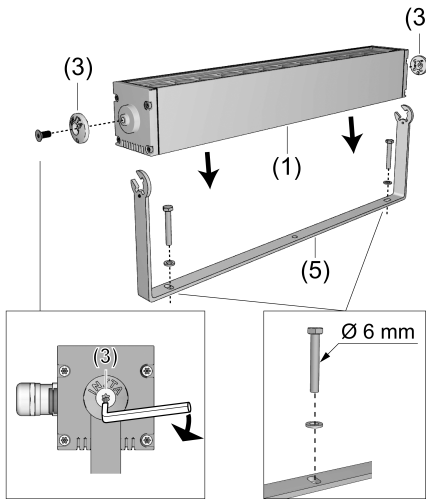


Figure 4: Mounting the luminaire

Connecting the luminaire with screw terminal

The luminaire possesses a fixed connection cable (4) with pre-assembled screw terminal.

- Prepare the connecting cable according to the drawing and make the electrical connection (Figure 5). Observe connection assignment (see table).

Wire colour	Connection assignment
Brown	Phase conductor (L)
Blue	Neutral conductor (N)

- Ensure tension and contusion free laying of the connection cable.
- Ensure increased degree of protection as well as double or reinforced insulation by applying an additional cover on site.

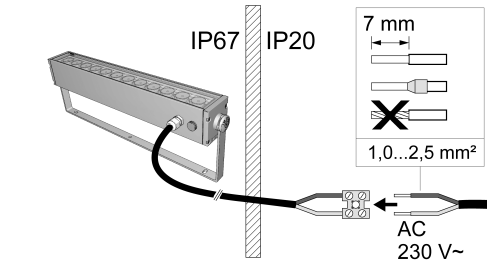


Figure 5: Connection with screw terminal

Connecting the luminaire with plug-in system

For an easy connection of the luminaires use plug-in system "Wieland gesis" RST20i2". Suitable plugs and sockets are available as accessories. All components of the "Wieland gesis" RST20i2" plug-in system can be used for linking several luminaires. We recommend the connector for through-wiring "Wieland gesis" RST20i2S B13ZRX SW". (Wieland-Art.-no.: 96.021.4253.1)

- Please observe the technical documentation of the "Wieland gesis" plug-in system.
- Please observe the maximum number of luminaires per circuit breaker (9) (see "dimensioning").
- Apply the plug (6) to the connecting cable (4) of the luminaire according to the drawing Connection plug gesis RST20 2-pin (figure 6).
- Wire the luminaire according to connection diagram: Single wiring with connection coupling (7). Linking e.g. with connector for through-wiring (8).

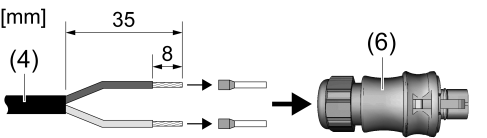


Figure 6: Connection: Plug "Wieland gesis" RST20"

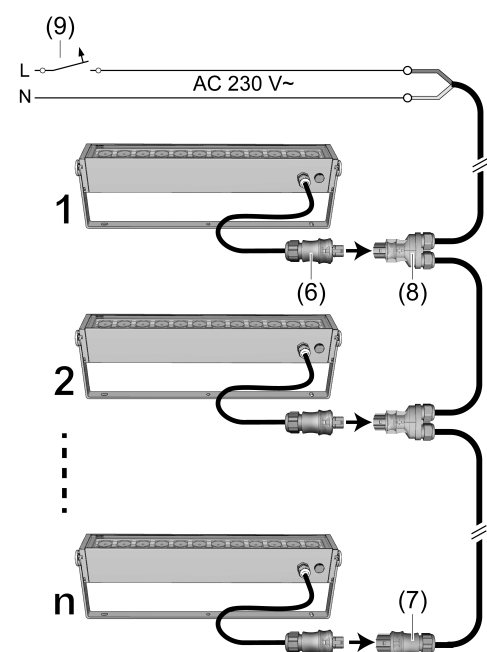


Figure 7: Connection diagram

Dimensioning

Circuit breaker (9)	max. number of luminaires
B10	30
C10	40
B16	50
C16	60

Aligning the luminaire (Figure 8)

Precondition: the retainer clamp is installed.

- A:** Adjust luminaire housing in the clamp to the desired angle of inclination.
- B:** Attach clamping discs (3) to both sides of the luminaire. To do this, tighten the screws in the middle of the disc using a TORX 30 pin wrench.
- C:** To lock the discs, also tighten the setscrews (10) on both sides of the luminaire using an IN-BUS 1.5 pin wrench.

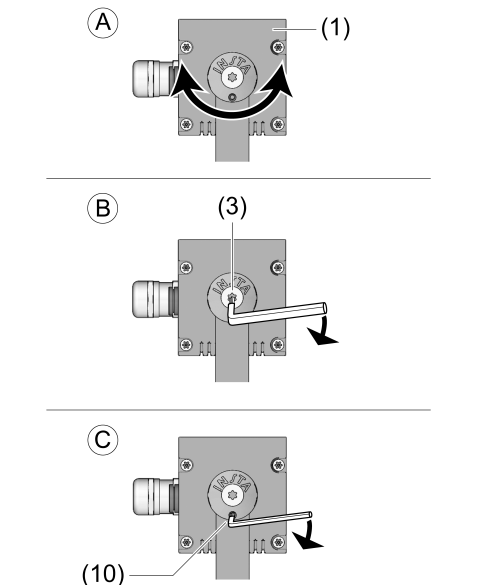


Figure 8: Aligning the luminaire

Technical data

Rated voltage	AC 220 ... 240 V~
Mains frequency	50 / 60 Hz
Power factor	0.95
Power consumption	28 W
Switch-on current 50 µs	5 A
Protection class	II
Degree of protection	IP 67
Ambient temperature	-20 ... +35 °C
Number of LEDs	12

Dimensions L×W×H	500×70×164 mm
Weight	2.3 kg
Material (light)	Aluminium
Connection mode	1 meter connecting cable, 2x1.0 mm² with screw terminal

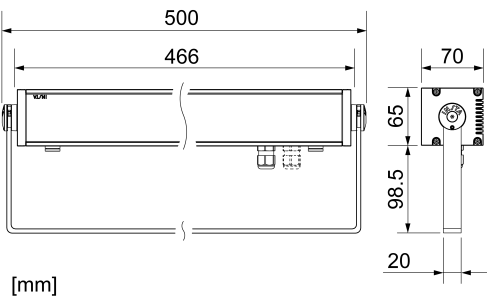


Figure 9: Dimensioned drawing

Accessories

Connectors kit IP67	Art. no. 58924500
---------------------	-------------------

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

Hohe Steinert 10
58509 Lüdenscheld
Germany