

General

Designated use:

Intended purpose:

This light was developed specially for use on machines and for outdoor use. It is protected against the ingress of liquids (protection type IP 67).

The light can be fitted with different light sources (see also „Technical data“).

Place of use:

Not suited for rooms subject to danger of explosion.

The ambient temperature of the light must not exceed 25°C. Different ambient temperatures are specified on the rating plate of the light.

Operating mode:

The light is designed for continuous operation.



Safety instructions:

The light may only be operated in rooms **not subject to explosion hazards!**

The light must be mounted on the selected wall **by means of suitable pipe clamps.**

Mounting and connection of the light may only be carried out by a qualified **electrician!**

Disconnect the damaged connecting cable immediately from the power supply and have it replaced by the manufacturer or by a qualified electrician.



For lights of international protection class I, the protective earth conductor must be connected to the terminal of the light chassis.

Abbreviations and symbols:



Attention, take note of the accompanying documents!



Protective earth terminal (unit of protection class I)



Take note of the disposal instructions!



VDE Approval



CE conformity mark

Mounting

The light is mounted by means of two suitable pipe clamps or directly at the side part (only in case of side part type B).

The user has to verify the reliability when using mounting elements which have been not proposed by the manufacturer!

The manufacturer cannot be held liable for damage caused by using the unit for purposes other than the designated use or by ignoring safety instructions and warnings.

Opening the light

Side part type A or B

After loosening the 3 screws on the connection side of the light (approx. 3-4 turns), the light column can be removed (see fig. 2a and 2b).

Side part type C

To open the light, turn the outer rotary ring (connection side) counterclockwise while holding the counterpiece with a straight pin (see fig. 2c), if necessary.

Important! Clean the seals after you have detached and reattached the lateral parts.

Installation

The light is delivered with an integrated electronic ballast unit. The power supply is effected by means of the built-in terminal strip (see connection diagram fig. 4).

Optionally the light is delivered with a lateral connector. For these lights, the device box is enclosed in the delivery.

To connect the light, pull the side part out of the light tube. Pull the lamp holder slightly out of the light tube and remove the cover. Then connect the cable to the terminal (see fig. 3).

Assembly takes place in reverse order.

Putting into operation

Before putting the light into operation, the user has to check whether the mains voltage is identical to the rated voltage and frequency specified on the rating plate.

Operation

The light is not equipped with a switch of its own. It is usually switched on/off via an external switch.

Maintenance and repairs

Disconnect the light from the mains before carrying out any maintenance or repair work! This work may only be carried out by a qualified **electrician**.

Only parts approved by the manufacturer may be used as spare parts.

Important! Clean the seals after you have detached and reattached the lateral parts.

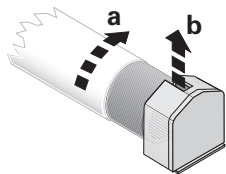
Replacing the lamp

Attention! Disconnect the light from the mains before removing the light tube!

Remove the light tube by loosening the side part on the connection side (see figs. 2a - 2c). If necessary, the parabolic grid has to be removed, too.

Lamp type T 26

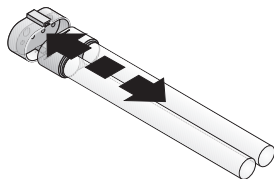
Hold the lamp on both ends at the same time and turn by approx. 90° (until the contact pins can be seen in the slot of the lamp socket) [a]. Take the lamp out towards the top [b].



To insert the lamp, first introduce it into the socket slots on one side and then into the slots on the other side. Turn the lamp in the socket by 90°.

Lamp type TC-LEL

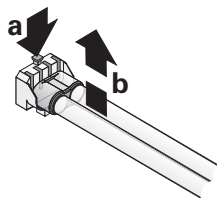
Pull the compact LS lamp horizontally out of the socket.



To insert the lamp, introduce it into the socket as far as possible.

Lamp socket with lock

Push the red button on the socket [a] and remove the lamp toward the top [b].




Care

To clean the light, use a cloth impregnated with a suitable household cleaning agent.

Please ensure that the cleaning agent used does not damage paints and plastics.

Note: For cleaning purposes never use concentrated disinfectants or solvents or alcoholic liquids. The manufacturer cannot be held liable for damages caused by chemical agents such as improper cleaning agents.

Disposal

 Return the unit at the end of its service life to the available recycling systems.

Defective fluorescent lamps must be disposed of as special waste.

Technical data

General

| | |
|------------------|--|
| Protection type | IP 67 |
| Protection class | I |
| Mains voltages | 230 V - 50/60 Hz 24 V AC 24 V DC |

Observe the indications given on the rating plate.

Electronic ballast unit is built in.

Technical data (continued)**RL70E-118 / 230 V - 50/60 Hz**

Fitted with: 1 fluorescent tube
T26 18 W
Dimensions: Ø 70 x 916 mm

RL70E-136 / 230 V - 50/60 Hz

Fitted with: 1 fluorescent tube
T26 36 W
Dimensions: Ø 70 x 1721 mm

RL70E-158 / 230 V - 50/60 Hz

Fitted with: 1 fluorescent tube
T26 58 W
Dimensions: Ø 70 x 2024 mm

RL70CE-118 / 230 V - 50/60 Hz

Fitted with: 1 compact
fluorescent lamp TC-LEL 18 W
Dimensions: Ø 70 x 483 mm

RL70CE-124 / 230 V - 50/60 Hz

Fitted with: 1 compact
fluorescent lamp TC-LEL 24 W
Dimensions: Ø 70 x 571 mm

RL70CE-136 / 230 V - 50/60 Hz

Fitted with: 1 compact
fluorescent lamp TC-LEL 36 W
Dimensions: Ø 70 x 824 mm

RL70E-118 / 24 V AC

Fitted with: 1 fluorescent tube
T26 18 W
Dimensions: Ø 70 x 916 mm

RL70E-136 / 24 V AC

Fitted with: 1 fluorescent tube
T26 36 W
Dimensions: Ø 70 x 1529 mm

RL70CE-118 / 24 V AC

Fitted with: 1 compact
fluorescent lamp TC-LEL 18 W
Dimensions: Ø 70 x 516 mm

RL70CE-124 / 24 V AC

Fitted with: 1 compact
fluorescent lamp TC-LEL 24 W
Dimensions: Ø 70 x 636 mm

RL70CE-136 / 24 V AC

Fitted with: 1 compact
fluorescent lamp TC-LEL 36 W
Dimensions: Ø 70 x 744 mm

RL70E-118 / 24 V DC

Fitted with: 1 fluorescent tube
T26 18 W
Dimensions: Ø 70 x 916 mm

RL70E-136 / 24 V DC

Fitted with: 1 fluorescent tube
T26 36 W
Dimensions: Ø 70 x 1529 mm

RL70E-158 / 24 V DC

Fitted with: 1 fluorescent tube
T26 58 W
Dimensions: Ø 70 x 1850 mm

RL70CE-118 / 24 V DC

Fitted with: 1 compact
fluorescent lamp TC-LEL 18 W
Dimensions: Ø 70 x 516 mm

RL70CE-124 / 24 V DC

Fitted with: 1 compact
fluorescent lamp TC-LEL 24 W
Dimensions: Ø 70 x 636 mm

RL70CE-136 / 24 V DC

Fitted with: 1 compact
fluorescent lamp TC-LEL 36 W
Dimensions: Ø 70 x 744 mm

Further variants

If required, this series of units will be supplemented by further variants. The technical data may therefore be subject to modifications.



Always observe the indications and symbols given on the rating plate.

Note: The indications on length refer to lights with side parts of type "C"