

Twilight Switch LUNA 127 star LUNA 128 star

Permitted use

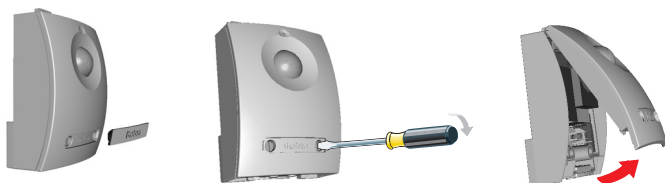
This twilight switch is suitable for controlling the on/off switching of lighting systems (building exterior lighting, etc.) in response to the intensity (brightness) of daylight.

Safety notice

Installation and assembly of electrical devices should only be done by a licensed electrician. Be sure to observe all applicable national regulations and safety guidelines.

Do not tamper with the device. Any attempt to modify or alter the device will void the warranty.

Opening and closing the device



Selecting the installation location

Before selecting the location:

Select a location where the twilight switch will be exposed to no or minimal dirt/grime. A dirty device housing can negatively affect the ability of the device sensor to detect light.

Light-entry angle of brightness sensor: approx. 180°

Recommended installation locations:

- For lighting control of private and industrial systems: -> on north side
- For control of street lighting systems: -> on the east side

Please note:

Any light emanating from the lighting system being controlled by the twilight switch device must not be allowed to have any affect on the function of the twilight switch.

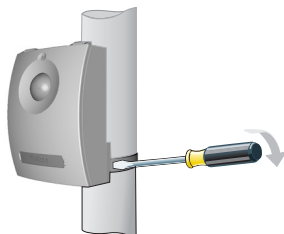
The following problem will occur if you fail to observe this requirement: You will experience undesired, adverse feedback effects (unintended device switching).

Installation position (device orientation)



Mast installation

Mount the twilight switch to a mast with standard hose or tubing clamp (not included).



Cable routing

There are two different possible ways of connecting this device, see Fig. 1 and Fig. 2

In either case, be sure to use the cable grommet supplied with the device!



If you use the connection method shown in **Fig. 2**, be sure to seal the housing with the grommet supplied.

The following problems will occur if you fail to complete this step:

The IP degree of protection will no longer be ensured; water will be able to enter the device and destroy it.

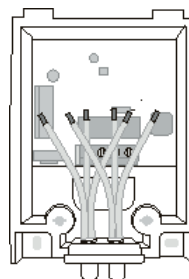


Fig. 1

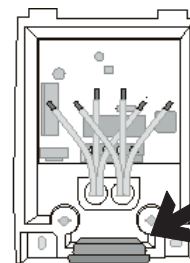
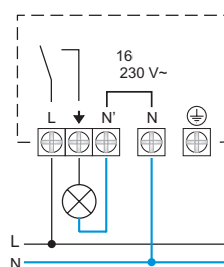


Fig. 2

Electrical connection



Checking the connection / Test function



Function: Button for testing the installation, regardless of the light intensity (brightness) value set.

Function test: Press the Test button briefly.

Function check: The connected lighting system must light up for the period of the delay time set.



Setting the switching and lux value thresholds

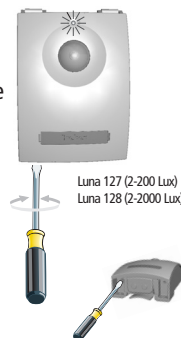
LUNA 127 has been preset at 15 lux at the factory

Note:

This setting should only be made with the device cover closed. The fine setting for the device can only be made under the same lighting conditions as those that will trigger the device in actual service.

Function setting: Turn the rotary knob until the red LED illuminates.

Function check: After the delay time has expired, the device will switch on the controlled lighting system. Setting the delay time



Setting the delay time

To increase the ON/OFF delay time:

Turn the setting knob to the right.

To decrease the ON/OFF delay time:

Turn the setting knob to the left.

