

Wireless sensor



Outdoor brightness sensor FAH60

Only skilled electricians may install this electrical equipment otherwise there is the risk of fire or electric shock!

Temperature at mounting location:

-20°C up to +55°C.

Storage temperature: -25°C up to +70°C.

Relative humidity:

annual average value <75%.

Wireless outdoor brightness sensor, 60x46 mm, 30 mm deep.

The electronic requires no intrinsic power supply, so there is no standby loss.

The wireless outdoor brightness sensor FAH60 powered by a solar module covers the range from 0 to 30000 Lux. From approx. 300 Lux, it transmits a wireless telegram to the Eltako wireless network every time there is a brightness change of more than approx. 500 Lux within approx. 10 seconds. If the brightness does not change, a control signal is sent approx. every 100 seconds.

New actuators FSR and FSB can cover the range from 0 to approx. 30 Lux using the twilight switch function. A wireless telegram is sent about every 100 seconds within this range.

Starting in production week 28/2011: **To teach-in** in an actuator in teach-in mode, hold the supplied blue magnet or any other magnet at hand below the point on the side panel of the sensor marked by ■ This sends a teach-in telegram.

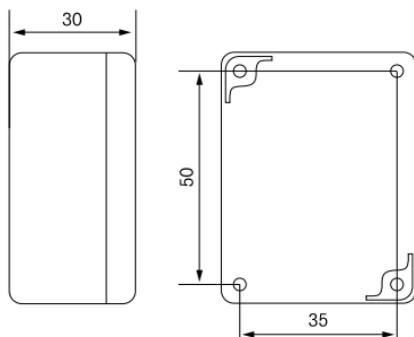
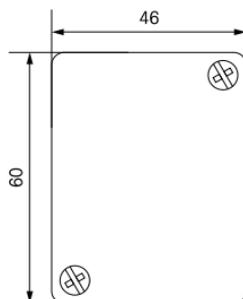
Solar-powered energy accumulator:

Before startup the energy accumulator must be charged. The charge time is approx. 5 hours at 400 Lux.

The protection class is IP54, the allowable ambient temperature is -20°C to +55°C.

For screw mounting or attachment with adhesive. The scope of supply comprises an adhesive foil.

Shading elements may not cover brightness sensors. Keep the cover of the solar cells clean!



Technical data

| | |
|-------------------|-------|
| Protection degree | IP 54 |
|-------------------|-------|

ELTAKO GmbH hereby declares that the products that relates to this operating manual, are in compliance with the essential requirements and other relevant provisions of directive 1999/5/EC. A copy of the EU declaration of conformity can be requested at the address below.

Must be kept for later use!

Eltako GmbH

D-70736 Fellbach

☎ +49 711 94350000

www.eltako.com