

Lightsense

ELU7

The ELU7 Lightsense sensor is designed to measure the illuminance indoors. The sensor is battery-powered and transmits the measured data wirelessly via the gateway to a cloud.



Technical data

Measured data	Illuminance [lx]
Physical dimensions	130 × 80 × 30 mm
Weight	190 g (including batteries)
Material	ABS plastic
Protection	IP40
Working conditions	from -20 °C to + 60 °C, < 80 % RH (non-condensing)
Required accessories	gateway EWG6-C, holder
Optional accessories	corner holder
Power supply	3× exchangeable AA alkaline battery 1,5V
Battery life	> 2 years (max. 5 years)
Connectivity	433MHz Radio (Chirp protocol)
Radio range	< 100 m (depending on the local conditions)
Transmitting power	< 10 mW
Transmission time	< 5 ms
Transmission period	60 s
Activation	by placing on designated holder