



TWILIGHT/TWILIGHT eLUX

Flat plug & play sensor module for switching of AC LED's

Intelligent brightness sensor

TWILIGHT is an innovative and very compact-sized brightness sensor system for the use with AC LEDs (for a daylight dependency switch of luminaires) while the sensor is not influenced by the illumination inside luminaire. It is ideal for the usage inside luminaires which should switch on automatically at darkness/twilight and should switch off automatically at dawn/daylight (e. g. orientation light, house number illumination and others).

The very compact-sized and flat casing is particularly suitable for mounting inside small luminaires. The installation of the **TWILIGHT** takes place directly inside the luminaire. Light thresholds, that are necessary to control luminaires automatically, are already implemented in the system. These can be adapted on demand.

Characteristics

- Needs no settings and so it is useable as a real plug & play module
- Sensor system controls directly 230 V AC LEDs, no electronic ballast necessary
- Installation of the sensor module directly inside the luminaire
- Light thresholds are already implemented in the system
- Optional with external sensor available

Technical data

Operating voltage	230 V +/- 10 %, 50 Hz
Switching capacity	max. 32 W
Standby power	< 0.5 W
Sensor principle	Brightness sensor
Interface	3-pin plug-in, connection block (N, L, L') for 1.5 mm ² conductors
Size	61.5 x 42.5 x 20 mm (L x W x H, incl. mounting lugs and terminal clamp)
Switching element	wear-free electronic switch, short circuit protected
Switching levels	permanently adjusted: switch-on: < 5 ... 10 Lux switch-off: 30 ... 40 Lux (optional customizable)
Mounting	inside the luminaire
Operating temperature	-20°C ... +70°C
IP rating	IP 20 (mounting inside the luminaire)
Certificates	CE (additional certificates on request)