

Dimmable Light Sensor - Twilight - Photoelectric - 1-10V



Product code:

Reference: FLMS10

Technical specifications:

REFERENCE: FLMS10
Nominal Voltage: 1-10V
Construction Material: Thermoplastic
Beam Angle (°): 360°
Certifications: CE
IP : IP20
Dimensions (mm): $\Phi 70 \times 60$ mm
Frequency (Hz): 50/60Hz
Temperature Range (°C): -10°C ~ +40°C
Warranty Years: 3

Product short description:

If you need greater savings, without reducing the amount of light, this product is designed for that purpose. It uses solar daylight to save on luminaire consumption. This dimmer detects how much natural light enters the sensor, and automatically dims your luminaires 1-10V, lowering your power consumption significantly.

Designed for indoor use with mounting next to natural light entrances, such as windows, doors, skylights...

Product description:

IP20 twilight sensor

This indoor twilight sensor enables you to save a lot of energy by automatically dimming your 1-10V luminaires according to the natural ambient light.

The 1-10V photoelectric/light dependent twilight sensor has a detection angle of 360° and a dimming range of 1-100%.

This twilight sensor is for use in luminaires with dimmable 1-10V drivers.

MODE OF OPERATION:

Gradual operation : Increases and decreases the light intensity of LED luminaires with respect to the preset ambient light level; it has a dimmer on one side to change the sensitivity with respect to the detected ambient light.

Therefore, the 1-10V sensor increases the intensity of the luminaires when the ambient light decreases and conversely, if the ambient light increases, the sensor reduces the intensity of the luminaires, always allowing an adequate lighting in an efficient and economical way.

Our sensor allows the lighting to be switched on automatically at dusk and switched off automatically at dawn. This allows the installation to know if it is without light in the interior and to be able to automate the lighting of your installation to a greater extent.

ADVANTAGE: GREAT ENERGY SAVINGS:

Our 1-10v sensor allows us to optimise the efficiency of the lighting system to the maximum, as we take advantage of the natural light available at all times.

A very interesting option that achieves even more savings is to combine our 1-10V twilight sensor with a presence detector to fully automate the operation of the luminaire.

It is an automatic dimming system, which does not need to change timetables, as it regulates automatically depending on the light detected and bearing in mind the variations in lighting levels caused by local weather conditions or with the variation in the time of dusk and dawn throughout the year, as well as the change of time in summer and winter.

INSTALLATION:

Mounting is very easy: direct to the 1-10V output of the 1-10V Driver.

Our 1-10V sensor can be surface mounted or flush mounted in the ceiling.

In FactorLED we ensure that our products have QUALITY guarantee and offer all the necessary elements for DISTRIBUTION, IMPORT or WHOLESale, including the technical data sheet of each LED product.

Technical Datasheet

Additional images:

