

PHOTOCELL

EM

Low voltage photocell automatically turns lighting on and off

Mounts on building exterior or roof

Raintight gray plastic enclosure



Compatible with all Wattstopper lighting control panels and power packs

Simple to wire and install

Adjustable aperture window for varying ON setpoint

Description

The EM is a low voltage photocell used for controlling exterior lighting. It works with Wattstopper power packs and lighting control panels (Lighting Integrator and LP series panels) by signalling a change in light levels to the panel.

Operation

Typically mounted so the light level window faces the northern sky, the EM photocell provides an ON signal when the ambient light level drops below a preset "dark" setpoint. It then provides a signal OFF as the ambient light level rises above the preset "light" setpoint. The setpoint can be changed for specific applications by opening and closing the photocell's aperture window. Normally, a lighting control panel or a power pack supplies power to the photocell. The photocell's relay contact red wires are connected to the panel or to a low voltage controlled load.

Specifications

- 1–15 footcandle range (10.8–161.5 lux)
- Isolated relay contacts 1 amp @ 30 VAC/VDC
- Power input: 24 VAC, 1 VA or 24 VDC, 1 VA
- Dimensions: 2.64"x 1.57"x 1.89"
(67.1mm x 39.9mm x 48.0mm)
- One year warranty

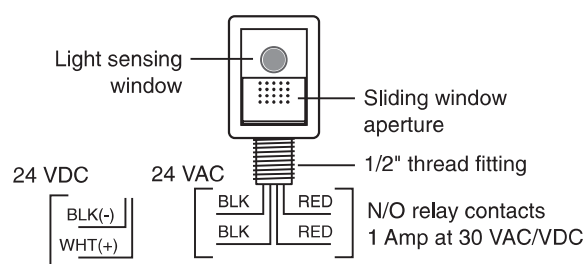
Ordering Information

Catalog #	Description	Voltage
☐ EM-24A2	Exterior photocell	24 VAC
☐ EM-24D2	Exterior photocell	24 VDC

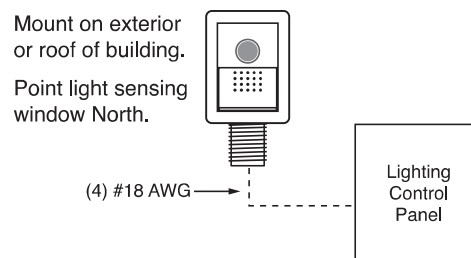
Features

- One set of normally open, isolated relay contacts; contacts are closed when sensed light level is below dark setpoint, open when light level is above light setpoint
- 8-second time delay and built-in setpoint deadband prevent cycling
- 1/2" threaded male conduit base for easy mounting on conduit fittings or junction boxes.

Accessory Enclosure Interior



Accessory Enclosure Interior



PROJECT

LOCATION/
TYPE