

# PHOTOCELL

EM-24A2 AND EM-24D2

Low voltage photocell automatically turns lighting on and off

Mounts on building exterior or roof

Rain-tight 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-24A2 and EM-24D2 are low voltage photocells used for controlling exterior lighting. It works with Wattstopper power packs and lighting control panels (Lighting Integrator and LP series panels) by signaling a change in light levels to the panel.

## OPERATION

Typically mounted so the light level window faces the northern sky, the EM-24 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)
- Five year warranty

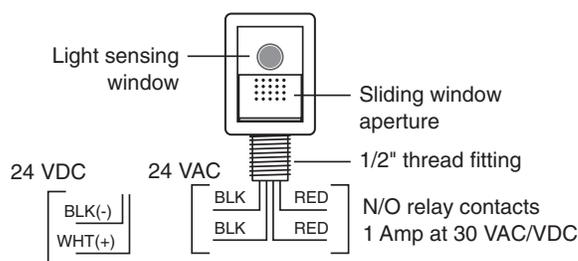
## ORDERING INFORMATION

Catalog #	Description	Voltage
<input type="checkbox"/> EM-24A2	Exterior photocell	24 VAC
<input type="checkbox"/> EM-24D2	Exterior photocell	24VDC

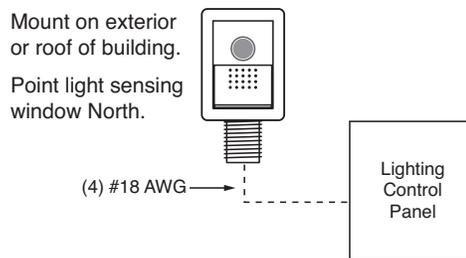
## FEATURES

- 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



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PROJECT	LOCATION/ TYPE
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