

DESCRIPTION

The RPSEN-OUT is an outdoor photodiode light level sensor for a GE daylighting controller. A complete assembly consists of the sensor and a remotely mounted RPCON controller. For normal installations, the sensor is wired to the controller with #20/4 (Red/Black/Blue/White) low-voltage cable ROSWIRE-4.

The RPSEN-OUT and RPCON are designed as a matched set to provide direct light level readouts over a range of 1-10 footcandles... the range normally encountered in most parking lot and security lighting applications. An alternate setting provides a range of 25-250 fc for controlling signage and canopy lighting.

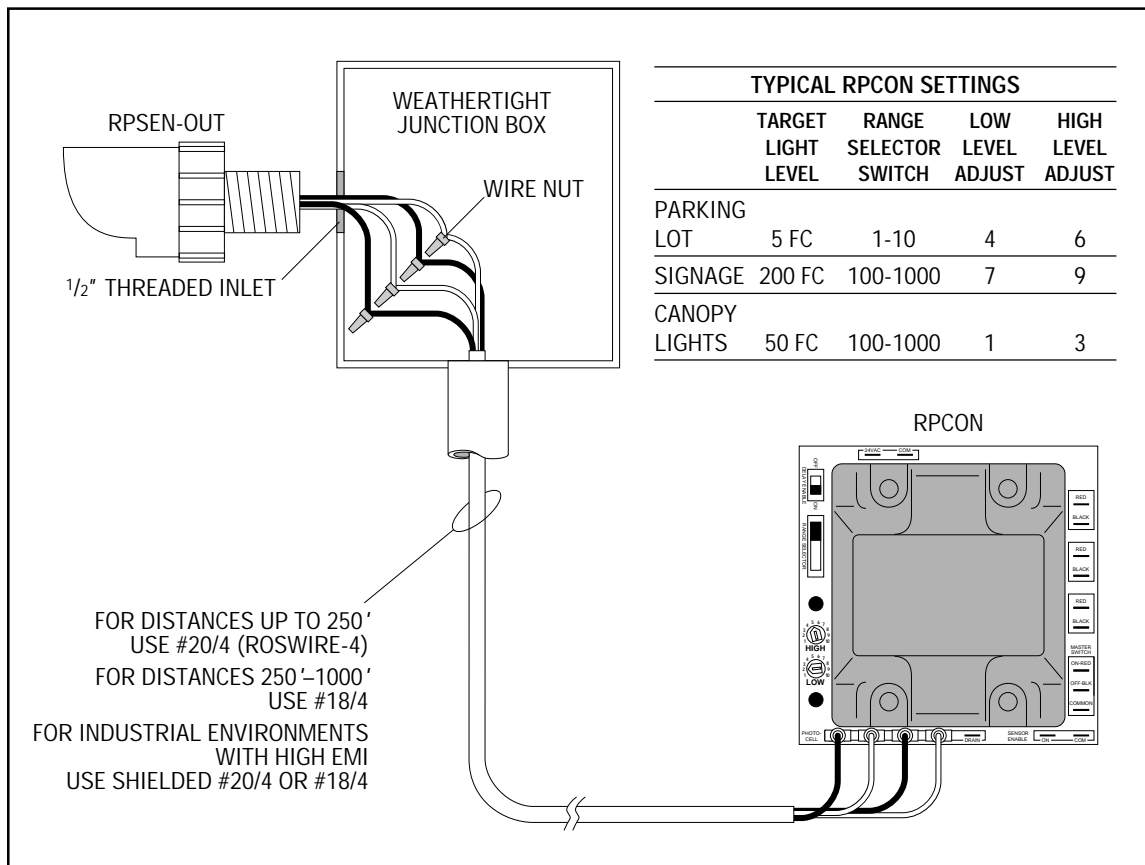
FEATURES

- Completely encased in optically-clear epoxy resin for weather-tight operation.
- Hooded aperture for shielding from direct sunlight.
- Incorporates photodiode technology to allow linear response over a 1-10 fc range with direct readout of the measured light levels.
- Alternate setting with a linear response over a 25-250 fc range.
- Stable operation from -20° to 150°F.
- Mounts to standard 1/2" conduit or knockout.
- Class 2, 24VAC low-voltage wiring.

Before starting, read the Installation Instructions on the reverse side. If you have questions call:

1-877-LTG-CNTL (584-2685)

Typical Wiring



INSTALLATION

1. Locate the sensor. The sensor should be located on the roof of the building, facing North. The unit should have an unrestricted view of the skyline and should not face any nighttime light sources.
2. Mount to 1/2" weathertight junction box.
3. Wire from the sensor to the RPCON. See the typical wiring diagram above. Conform to National, State and Local codes.

Note: The RPS-OUT is typically used for all exterior lighting applications... parking lot, security, signage and canopy/walkway lighting. The table above summarizes the recommended initial settings on the RPCON for each of these applications.

Troubleshooting: Call 1-877-LTG-CNTL (584-2685)

