

DESCRIPTION

The RPSEN-ATR is an indoor 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-ATR and RPCON are designed as a matched set to provide direct light level readouts over a range of 100-1000 footcandles... the range normally encountered in most atrium daylighting applications.

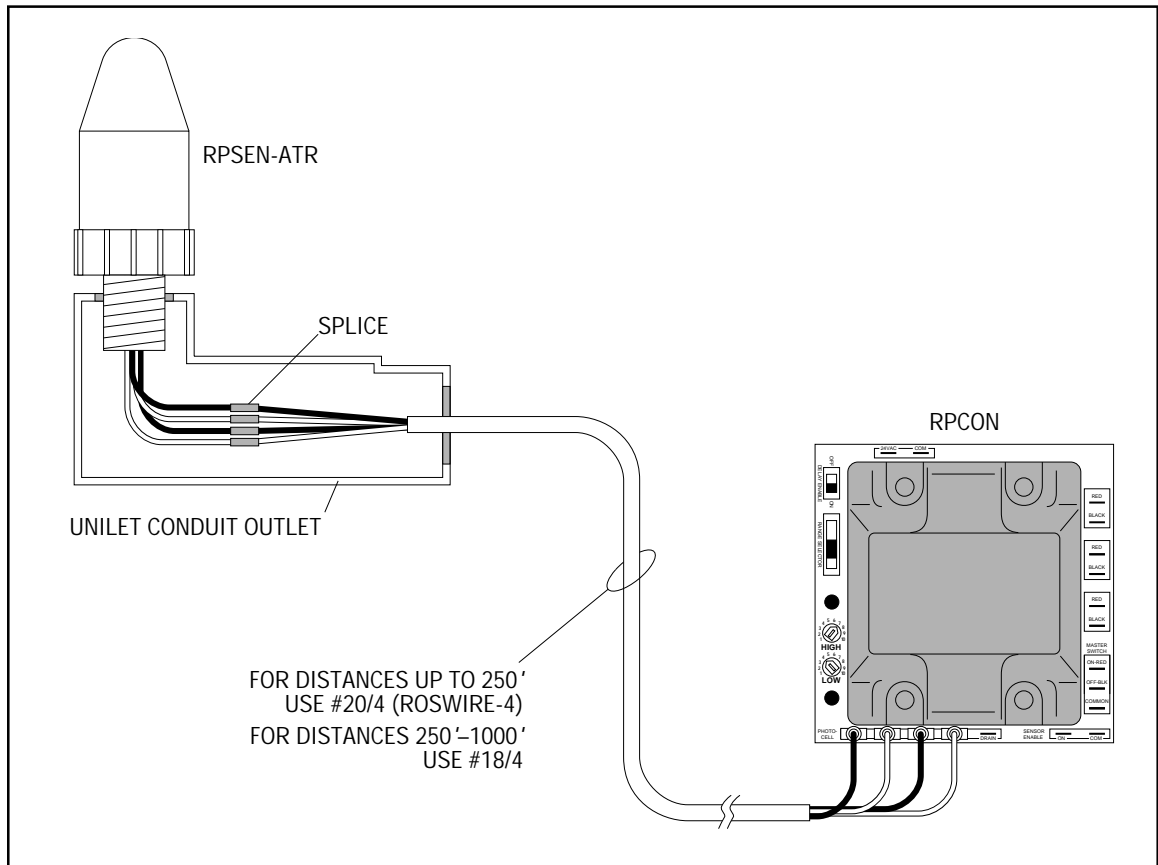
FEATURES

- Translucent dome with 180° field of view to provide integrated brightness measurement.
- Incorporates photodiode technology to allow linear response over a 100-1000 fc range with direct readout of the measured light levels.
- 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 where it has a clear view of the sky as seen from the atrium space. In perimeter window walls, the unit should be mounted looking out of the window. (The object is to provide an indication of the level of daylight entering the space... not to measure the light levels in the occupied areas.)
2. Mount to 1/2" conduit. In atriums, the unit is mounted vertically with the dome facing up. In window wall applications, it is mounted horizontally looking out of the window.
3. Wire from the sensor to the RPCON. See the typical wiring diagram above. Conform to National, State and Local codes.

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

