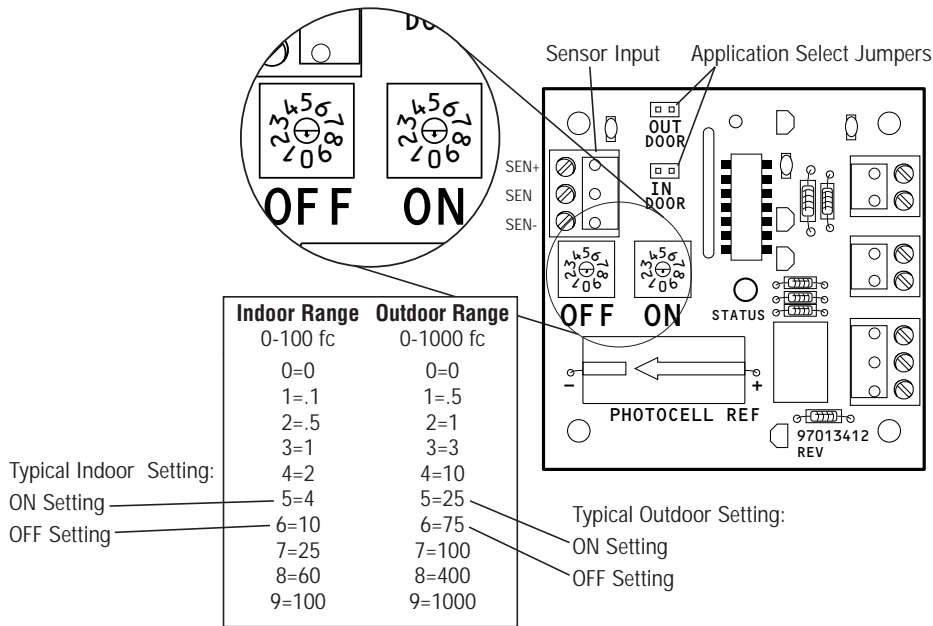


Photocell Controller Board Setup Guide

ON and OFF Set Point Selectors



Description

The ILC Photocell is an electronic device which supports the ON/OFF control of lighting circuits. The lighting circuits are controlled indirectly by means of the photocell controller module maintained contact closure signals sensed by the switch inputs of ILC LightMaster or Apprentice lighting controllers or by dry contact inputs to other devices which control line voltage loads via low voltage (Class 2) signals. The photocell control module can be mounted either on the manufacturer provided plastic channel for installation in the control section of the LightMaster or Apprentice lighting controller, or in an enclosure suitable for remote mounting. The photocell control module requires either a 12 VAC or 12 VDC power source to operate. It is recommended that the power source feature a disconnecting means to facilitate service.

The photocell control module outputs respond when the photocell sensor detects the user selected ON and OFF foot candle level. Both outdoor and indoor sensors are available depending on the required application.

Setup (See above example)

1. Jumper the photocell control module for either outdoor or indoor depending on your application.
2. Set the desired ON and OFF foot candle levels by turning the rotary switches to the desired settings.
Typical settings: outdoor – ON at 25fc, OFF at 75fc; indoor – ON at 4fc, OFF at 10fc.
3. Energize the 12 VAC or 12 VDC power.
4. Simulate dark and light conditions at the sensor and make any required adjustments on the rotary switches. Note: On power up there is a 15-25 minute setup period during which the controller will react instantly. After the setup time has expired, there is an 8-12 second time delay to prevent nuisance switching during normal operation.