Regolo Technical Bulletin

Integrated Occupancy and Daylight Sensor

Description:

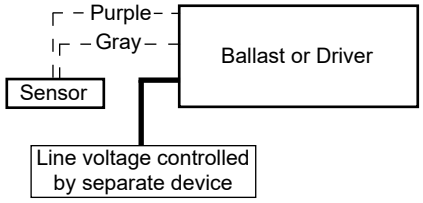
Nulite offers Philips ActiLume or EasySense integral passive infrared occupancy sensor and/or daylight sensor for energy saving applications. The sensor is located within a plate at the end of the luminaire, see page 2 for standard run layouts. When occupancy is detected within the sensor's coverage area, the lighting will turn on automatically. The "off" time delay can be field adjusted. The sensor can control on/off or dimming through proper control gear. The sensor also features a daylighting function where it will keep lights off/dimmed with new occupancy as long as there's sufficient daylight.

Project Name:	
Type:	Date:
Comments:	

Philips ActiLume 1-10V Sensor

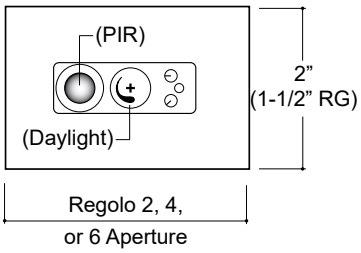
Philips EasySense Sensor

Basic Wiring Diagram



Regolo Sensor Plate

ActiLume 1-10V Sensor

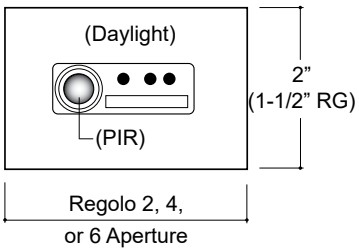


Features:

1. Occupancy Sensing and/or Daylight
2. Operates with 0-10V Dimming Drivers
3. Manual Setting Adjustments

Link to Philips Lighting for more sensor information.

EasySense Sensor



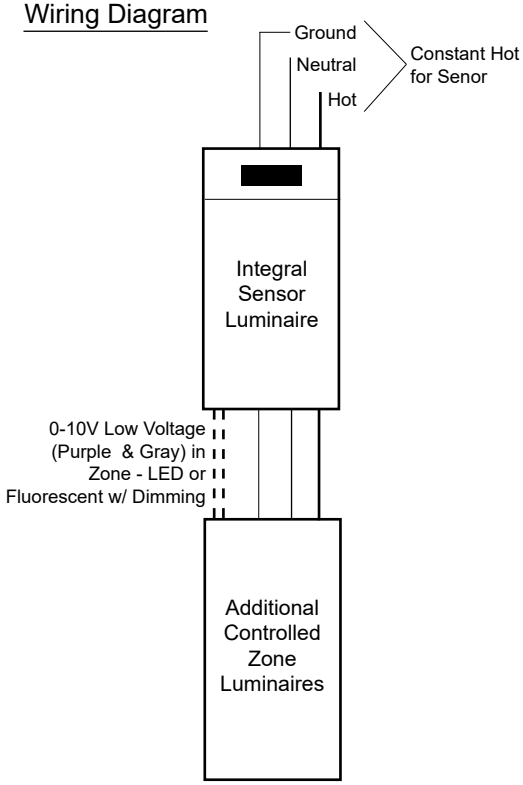
Features:

1. Occupancy Sensing, Daylight and Task Tuning
2. Operates with Xitanium SR Drivers (DALI Dimming)
3. Configures via Smartphone App

Not Available in Custom Length Products

Link to Philips Lighting for more sensor information.

Wiring Diagram



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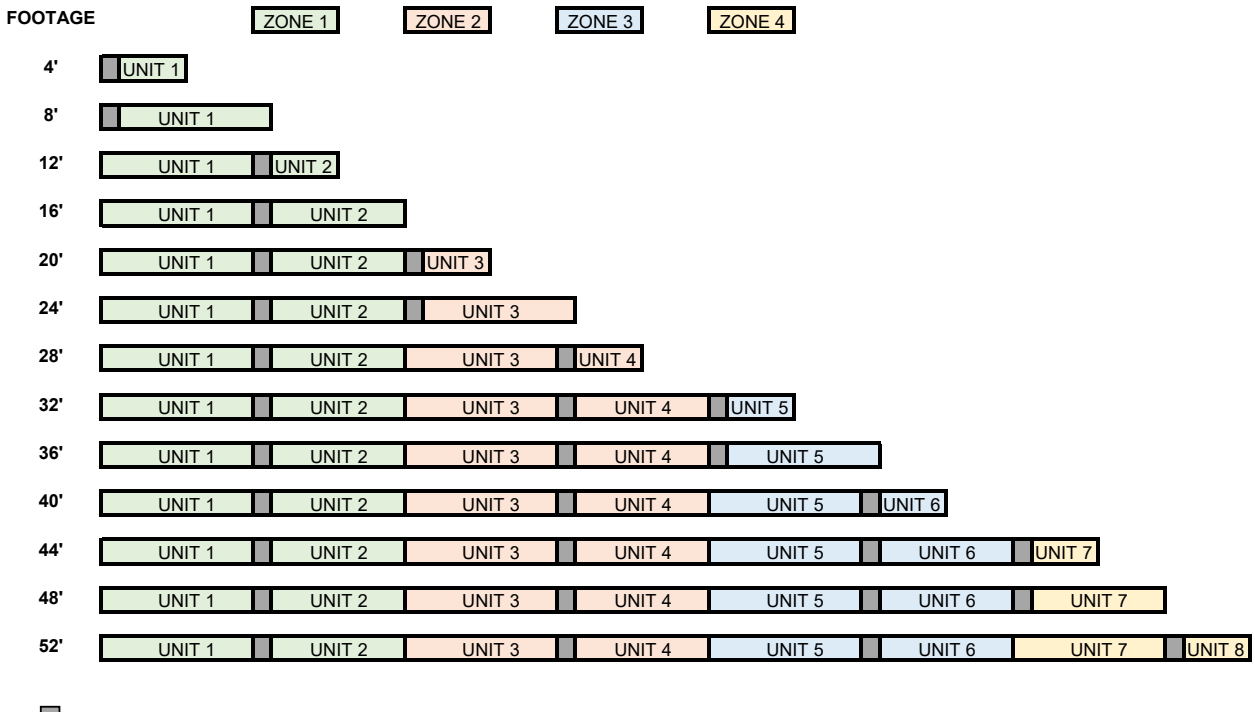
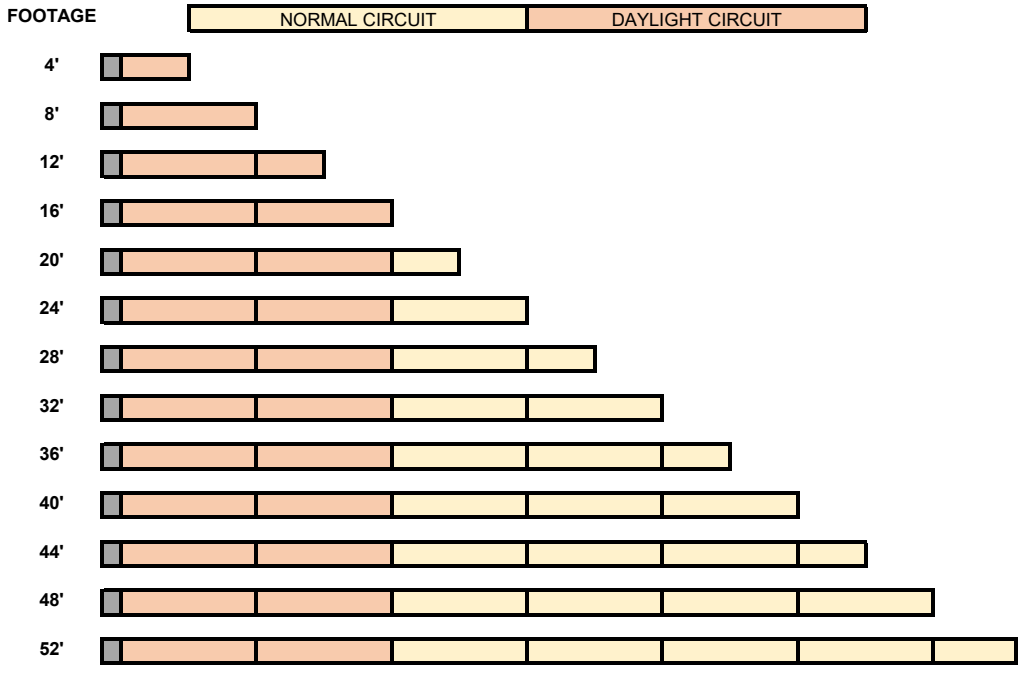
Standard Occupancy Sensor Layout



OCCUPANCY SENSOR

Please review Philips recommended sensor detection area and specifications.

Standard Daylight Sensor Layout



DAYLIGHT SENSOR

As a guideline, the daylight sensor should be place approximately (.75 x Height) from the window wall.
Please review Philips recommended sensor placement and specifications.

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