

SKY-Sensor ML: Motion and Light

Low Voltage Occupancy and Daylight Sensor for Ceiling Installations

FEATURES

- Daylight Dependent Switching
 - Programmable % to turn off from 125-250%
 - Programmable level to turn lighting back on to avoid nuisance switching
 - Daylight Harvest
 - Set multiple determined light levels for daylight harvest scene controlled lighting.
 - Grouping of dimming devices available
 - Bi-colored status LED to indicate activation and PAN performance
 - Configurable motion timeout periods with corridor hold facility. Daytime motion sensors timeout
- can be programmed differently for nighttime to ensure security personnel rounds do not affect energy useable.
 - Graphical representation of occupancy with occupancy logging
 - Motion disable for conference facilities
 - Sensors may be grouped to activate as a single channel.
 - Infrared occupancy sensor
 - 16 single focal point lenses; 5 optical axes
 - Light sensing element corrects for human eye response, offering daylight dependent switching or continuous daylight harvest.

TECHNICAL SPECIFICATIONS

Electrical:

Input Voltage: 24VDC (polarity correcting)
2 core connect, 9-30 VDC

Mechanical:

1 5/8" diameter cap
1.25" circular ceiling output
2.5" depth into ceiling void

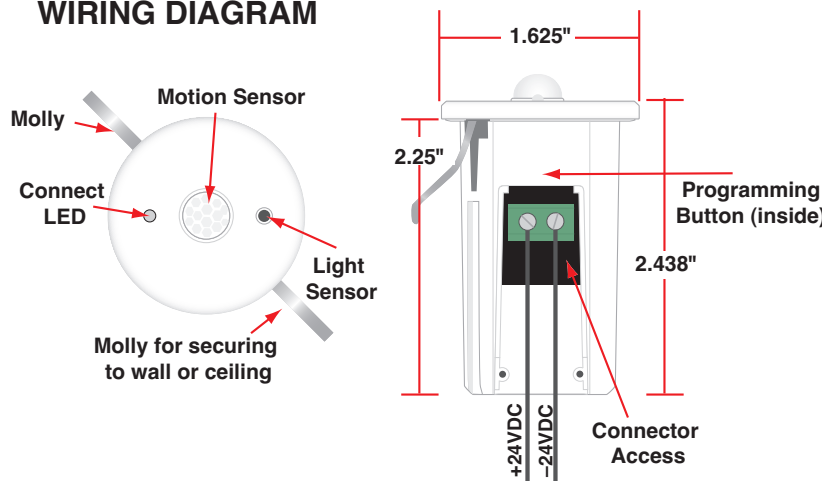
Communication:

Communications Protocol: IEEE 802.15.4
RF Range: 100ft to nearest node
Frequency Band: 2.4Ghz
Routing Protocol: 6LoWPAN

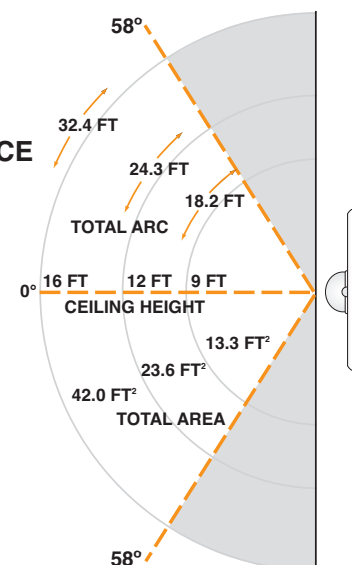
Measurements Range:

-20° to 100° F temperature range
0-100% humidity range
5 meter radius detection distance

WIRING DIAGRAM



DETECTION PERFORMANCE at 70°F



For more information:

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