

SunTrac[®]

Motion & Daylight Sensor

Self-Powered | Wireless | Customizable Settings



☰ Features

- 1 Provides two sensing mechanisms, motion and daylight, in one simple, compact, wireless device.
- 2 Detects motion with a passive infrared sensor; subtly increasing light output when activated and dimming gradually when no motion has been detected for a selected amount of time. Customization is available via the SunTrac App.
- 3 Receives ambient light data from a dedicated lux detector; communicating via Bluetooth to the fixtures to dim or increase lights accordingly. Thresholds can be set within the Healthe SunTrac App to accommodate personal light level preferences.
- 4 No wiring or expensive installation required. Can be mounted or portable for convenience based on user preference.
- 5 Photovoltaically charged, the sensor is self-powering and wireless. A backup battery is available for dark spaces where the solar panel may be insufficient to charge. The battery will last 7 years in complete darkness.
- 6 Compatible with the complete line of SunTrac products, including fixtures and control mechanisms such as the SunLync[®] and the SunTrac Wireless Switch and App.

≡ Specifications All data shown is nominal

Wireless Communication

Antenna	Integrated antenna
Communication Range (guidance only)	75 m for ideal line of sight 10 m for indoor environment (line of sight)
Communication Standard	BLE Advertising
Radio Frequency (min/max)	2402/2480 MHz
Motion Detection Radius	Up to 5 m (16 ft.) when mounted 3 m (10 ft.) high
Illumination Measurement Range/Resolution	0 ... 65000 Lux / 1 Lux
Illumination Measurement Accuracy	+/-5% at full scale

Local User Interface

1 Button (LRN)
1 Switch (Sensitivity Selection)
1 Notification LED

Power Supply

Power Source	Integrated solar cell
Required Illumination to Sustain Operation	6 hours per 24 hours at 200 Lux
Charge Time From Empty to Full Charge	30 hours at 200 Lux
Charge Time From Empty to First Transmission	10 minutes at 200 Lux
Operating Time in Darkness	96 hours (after full charge)
Backup Power Supply (optional)	CR2032
Backup Battery Life	Infrequent bright light (200 lux for 2 hrs every day): 20 years Consistent low light (65 lux for 5 hrs every day): 15 years Total Darkness: 7.5 years

Environment

Maximum Operating Temperature	0 ... 60°C / 32 ... 140 F (indoor use only)
Recommended Operating Temperature	0 ... 30°C / 32 ... 85 F
Humidity	20% to 85% rh. (non-condensing)

Mechanical

Dimensions (L x W x H)	4.46 x 2.58 x 1.21 in / 113.2 x 65.5 x 30.7 mm
Weight	3.0 oz / 85 g

Certifications & Warranty

Certification	CE, FCC, IC
Warranty	1 Year Limited



**1 Year Limited
Warranty**

Ordering

Item Number	Description
ACC-07016	ACC-SENSOR-MLP SunTrac Motion & Daylight Sensor

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Specifications subject to
change without notice.

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