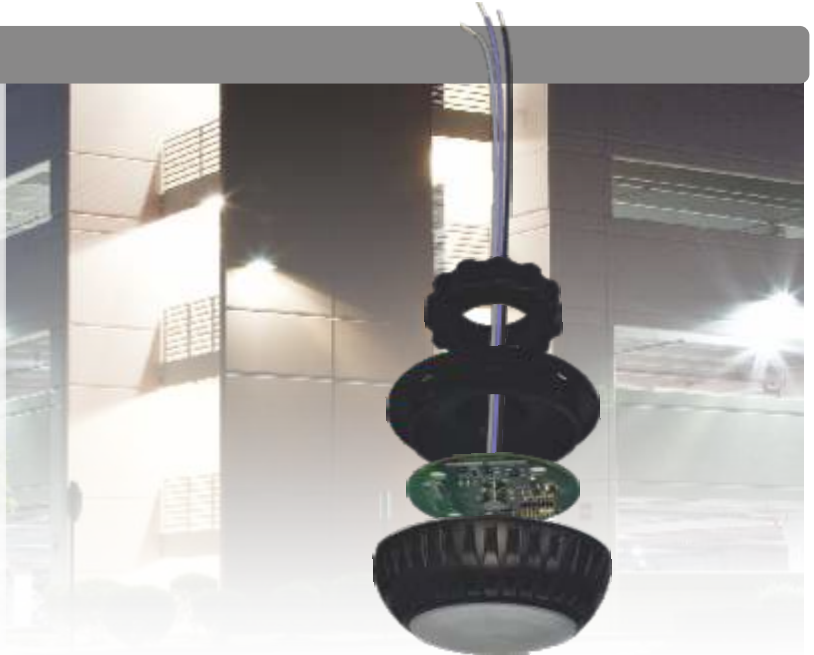


OCCSensABLE™ provides Bluetooth™ enabled freedom, allowing full control of lighting, with a variety of factory options—and fully customizable options—right at your fingertips via the OCCSensABLE mobile app for Android and iOS. Connecting to 12VDC auxiliary power on any low volt or high volt driver, OCCSensABLE provides the simplicity of one SKU for a broader range of installations.

FEATURES

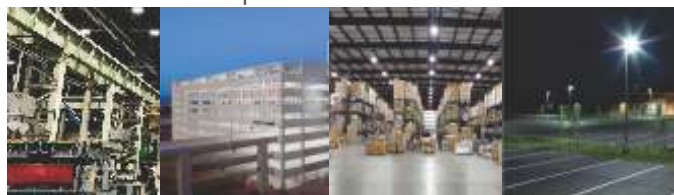
- Bluetooth enabled control w/OTA updates
- Mesh Networking for ease of grouping
- PWM & 0-10V dimming
- Fine tunable digital PIR sensor
- Enhanced Fresnel lens options for 8 to 40ft.
- High-strength UV resistant nylon housing
- Oversize thread body for easy installation
- Dual security feature prevents hacking
- Mobile app allows simple user customization



OPERATION

OCCSensABLE provides three daylight control modes:

1. **Dusk-to-Dawn** control turns the fixture on at dusk and off at dawn. During this period, motion detection can be configured to control the operation of the light: e.g. detected motion will turn the light to full brightness; after motion detection ceases for the chosen period of time, the light will return to a state of reduced brightness level or turn off.
2. **Dual Part Night Lighting** control will turn the light on at dusk and off at dawn. It will reduce the output of the light for one or two user-specified periods during the night.
3. **Motion Setpoint** control allows the user to specify motion control based on the ambient light level. For the user-specified ambient light setpoint, motion control will activate the light when the ambient light is below the setpoint.



CONFIGURATION

As part of the OPS L-MAC™ lighting management architecture, the Bluetooth enabled OCCSensABLE mobile app will be used for initial configuration and subsequent adjustments to all light level and dimming options that go far beyond occupancy control.

The mobile app allows for a broad range of behavioral control outside of the factory settings to accommodate different use cases, offering increased cost savings through

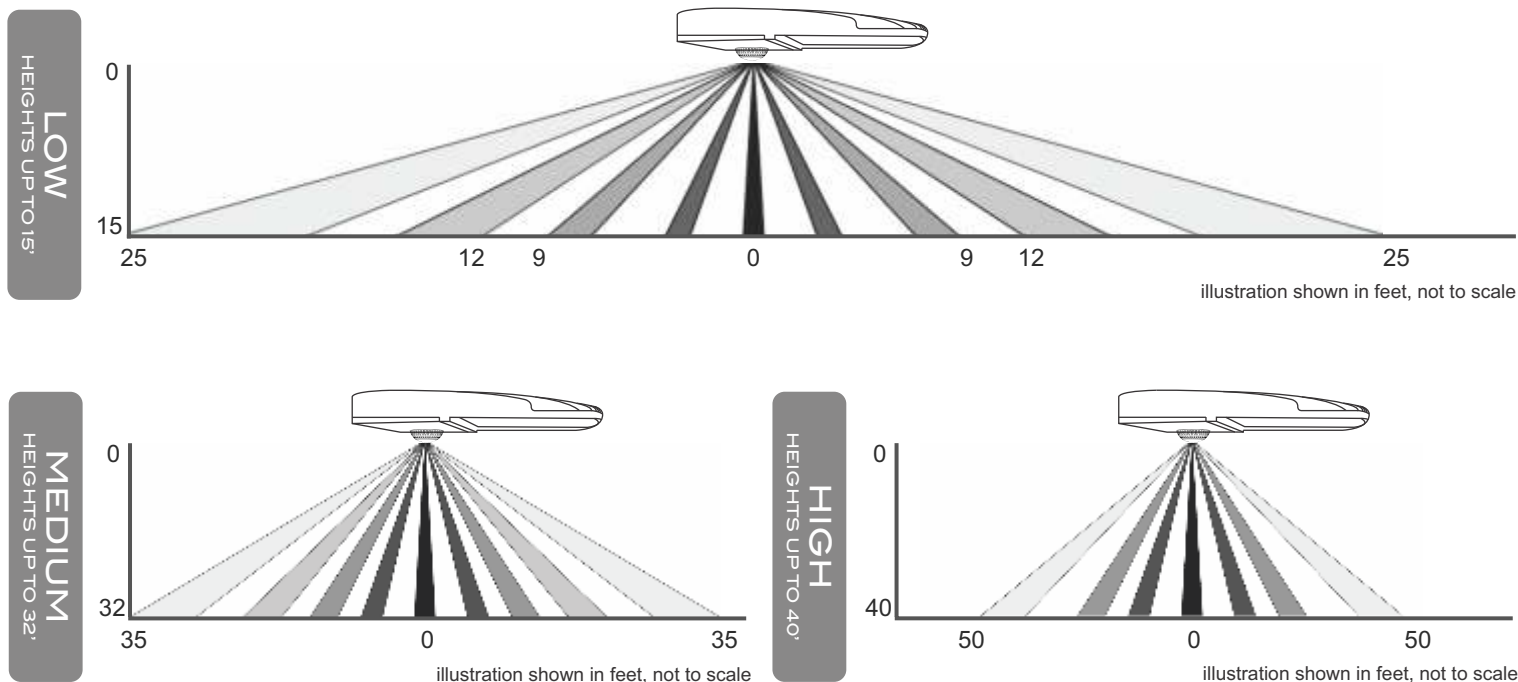
- Mesh Networking
- Grouping/Zoning
- Dual Part-Night Lighting
- Profile Management
- Min/Max Output Levels
- Occupancy Sensitivity
- Daylight Harvesting
- Over-the-Air Updates (OTA)

APPLICATION

The architectural profile, high-performance capability and control package that is standard on every OCCSensABLE sensor makes it a perfect solution for all parking facilities and pedestrian areas as well as manufacturing facilities and warehouses. Three Fresnel lens options (detailed on page 2) provide complete coverage for multiple requirements.

OPTICAL LENSES

OCCSensable enhanced capability Fresnel lenses boast a larger surface area enabling broader reach and heightened sensitivity when compared to other sensors. Three lenses—low (L), medium (M), and high (h)—are available.



SPECIFICATIONS

Electrical

Input Voltage: 12VDC nominal, 5VDC min, 15VDC max

Input Current: 30mA max current

Output: PWM dimming output 0 - 3.3 VDC, frequency 2kHz, 0 to 100% waveform

Environmental

Operating Temperature: - 40C to 80C

Operating Humidity: 20 - 90%

IP66 Compliant

Control Parameters:

Motion Control Sensitivity: low, medium, high

Max Output Hold Time: after motion, 1 minute to 4 hours

Min Output Hold Time: off to always on

Max Output: 30% to 100%

Min Output: 0% to 90%

Daylight Control: Dusk-to-Dawn, Part Night Lighting, or Motion Setpoint

Dusk Level: 0.45 footcandles to 51 footcandles

Dawn Offset Level: 0.45 footcandles to 23 footcandles

Part Night Lighting: 30 minutes to 12 hours

Motion Setpoint: 9 footcandles to 186 footcandles

PIR Lens

OCCSensaBLE - L – mounting height 10' to 15', detection range up to 25' radius

OCCSensaBLE - M – mounting height 15' to 32', detection range up to 35' radius

OCCSensaBLE - H – mounting height 28' to 40', detection range up to 50' radius

