HUBBELL
Control Solutions

BTSMP SERIES

BLUETOOTH® OMNI INDOOR/OUTDOOR PASSIVE INFRARED FIXTURE SENSOR

FEATURES

- Passive Infrared (PIR) sensing technology provides excellent major motion detection

- Wireless programming using HCS controlHUBB mobile app

- 0-10V dimming control

- Single/Dual motion sensor timer modes

- Daylight sensor with multiple daylight harvesting modes

Title 24   c(UL)us LISTED   IP65   Bluetooth

DIMENSIONAL DRAWINGS

RELATED PRODUCTS

BTSMP Low Mount Outdoor Sensor   BTSMP Low Mount Indoor Sensor

BTSMP High Mount Outdoor Sensor

SPECIFICATIONS

CONSTRUCTION
- ABS (UL-945VA) flame class rating, UV inhibitors

- 3.2 oz (90.7g)

- White, Black, Gray finishes available

- External: 0.6" (19.0mm) H, 2.6" (65.0mm) D

- Internal Thread: 1.2" (25.4mm) L, 1.4" (35.6mm) D

ELECTRICAL
- Low Voltage sensors: 12-32VDC (Requires Dim to Off driver with auxiliary power or low voltage power supply - Not included)

- Dimming: 0-10V; Capable of sinking up to 30mA

- Bluetooth Radio: V5.0

OPERATION
- OMNI : Indoor Use Only

- OMNI-O: Indoor/Outdoor Use (IP65 Rated)

- 1:2.75 (Mounting Height : Coverage Radius); Up to 14ft

- Operating temperature: -40°F to 149°F (-40°C to 65°C)

- Wireless programming of sensor settings using HCS ControlHUBB™ Bluetooth app. Maximum programming distance: 45 Ft

- Easy to use slider controls for sensor settings

OPERATION (CONTINUED)
- Motion sensor and photosensor test modes

- Configurable LED motion indicator

- Single/Dual Motion Sensor Timer Modes

  - Single Timer Mode: Timer (0 secs - 30 mins), Level Adjustment (0-100%)

  - Dual Timer Mode: Timer 1 (0 secs - 30 mins), Level Adjustment (0-100%), Timer 2 (0 min - 5 hrs)

- Multiple Daylight Harvesting Modes

  - Full range dimming with auto configuration (closed loop operation)

  - Legacy dimming (open loop operation)

  - Dusk to dawn (On/Off operation)

  - Disabled (Default)

- Device Cloning: Sensor settings can be saved to device profiles and then cloned to other sensors

- Patented Intelliscope™ technology showing real-time occupancy data

- Security

  - Passcode protection to prevent unwanted changes

- Factory Defaults: Sensor can be set to factory defaults using the app.

- Over the Air (OTA) firmware updatable

OPERATION (CONTINUED)
- Dual element pyrometer and spherical Fresnel lens designed for robust detection of person walking

DAYLIGHT SENSOR
- Range: 1 to 50fc or 5 to 500fc

CERTIFICATIONS
- Conforms with UL STD 508, UL STD 244A

- OMNI-O: IP65 Rated

WARRANTY
- 5 year limited

- See HLI Standard Warranty for additional information

HUBBELL Lighting

DATE: _____ LOCATION: _____

TYPE: _____ PROJECT: _____

CATALOG #: _____

BTSMP SERIES
BLUETOOTH® OMNI INDOOR/OUTDOOR PASSIVE INFRARED FIXTURE SENSOR

ORDERING GUIDE
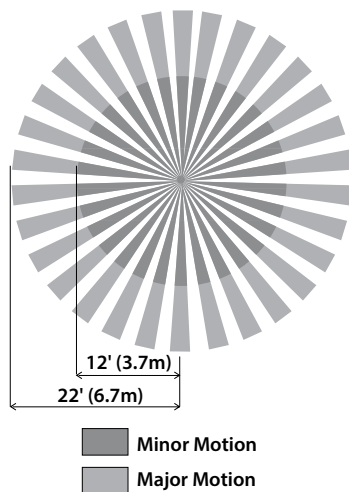
Example: BTSMP-OMNI, BTSMP-OMNI-O, BTSMP-OMNI-O-BK

CATALOG # [_____]

BTSMP		—	OMNI		—			—		
Model			**Sensor Type**			**Application Type**			**Color**	
BTSMP	Bluetooth Sensor Module with Passive Infrared Sensing Technology, 24VDC		OMNI			Blank	Indoor, 360° Lens		Blank	White
						O	Outdoor, 360° Lens		BK	Black
									GY	Gray

DIMENSIONS

1.8" (45.7mm)

1.4" (35.6mm)

1.2" (30.5mm)

2.6" (66.0mm)
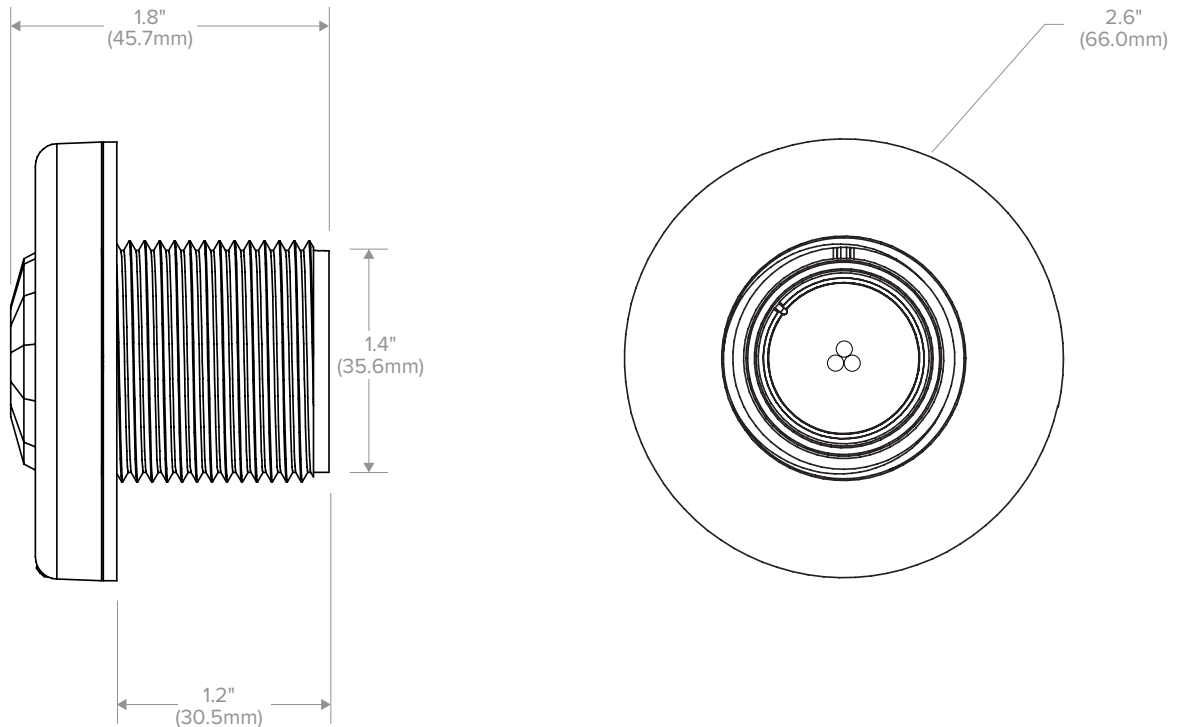
ADDITIONAL INFORMATION

Coverage Patterns

12' (3.7m)

22' (6.7m)

█ **Minor Motion**
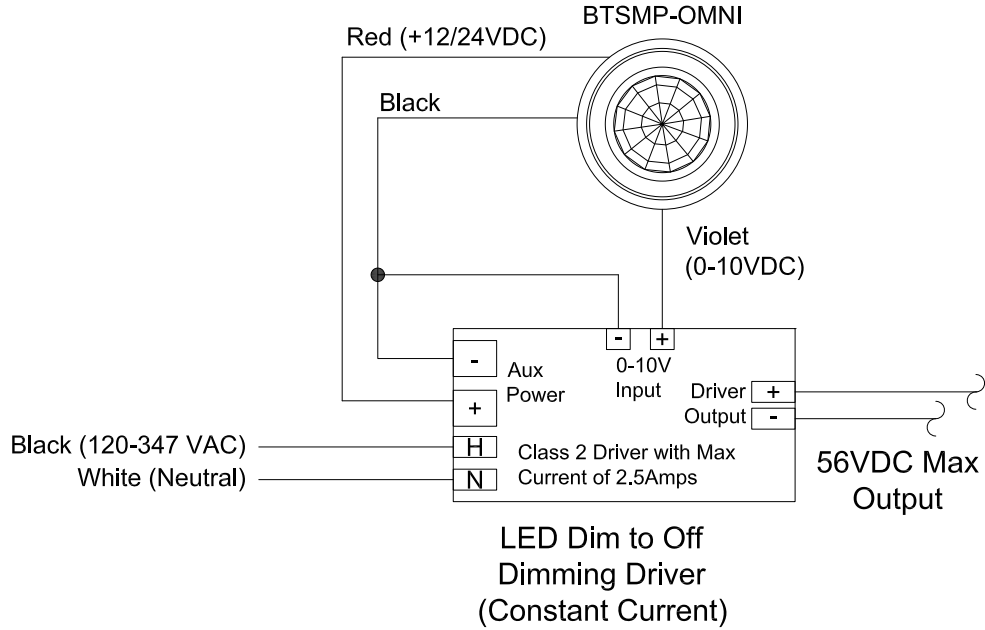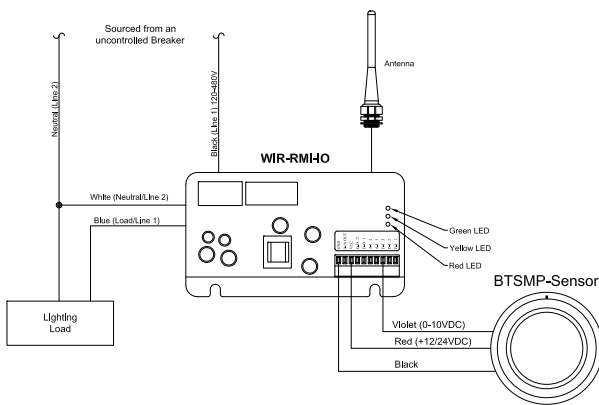
█ **Major Motion**

BTSMP-OMNI

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BTSMP SERIES
BLUETOOTH® OMNI INDOOR/OUTDOOR PASSIVE INFRARED FIXTURE SENSOR

ADDITIONAL INFORMATION (CONTINUED)
Wiring Diagrams

BTSMP-OMNI
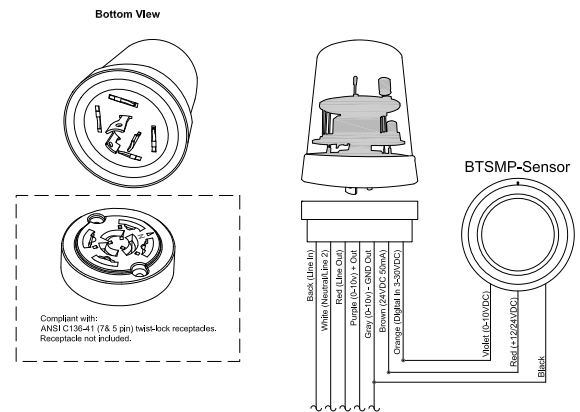
Red (+12/24VDC)

Black

Violet
(0-10VDC)

- Aux Power
+

0-10V Input

Driver Output +/-

Black (120-347 VAC)
White (Neutral)

H
N

Class 2 Driver with Max Current of 2.5Amps

56VDC Max Output

LED Dim to Off
Dimming Driver
(Constant Current)

BTSMP Sensor Connected to Dim to OFF Driver with Aux Supply (+12/24VDC)

NOTE: Disconnect power prior to installation.

wiSCAPE® Wiring Diagram with WIR-RMI-IO with a BTSMP Sensor

Bottom View

Compliant with:
ANSI C136-41 (7& 5 pin) twist-lock receptacles.
Receptacle not included.

NOTE: Disconnect power prior to installation.

wiSCAPE Wiring Diagram with WIR-RME-L with a BTSMP Sensor