

BT-WOR-A - Dialog Wireless Ceiling Sensor



Project Name: _____
 Part Numbers: _____ Date: _____

Features

- Bluetooth® wireless technology
- Occupancy and Daylight Sensor
- Dual Technology (PIR & Bluetooth detection)
- Small form factor (1" diameter lens)
- Deck level configuration using smartphone App
- Innovative tool-less mounting



ASHRAE 90.1 Compliant

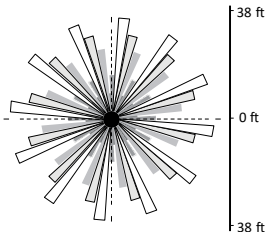
The Douglas Lighting Controls® Bluetooth® Sensor is a dual technology ceiling mounted occupancy and daylight sensor. It communicates wirelessly with other Bluetooth devices within the Douglas Lighting Controls wireless mesh eco-system.

The Dual Technology sensor uses PIR and Bluetooth proximity detection to identify and maintain occupancy. PIR technology will identify motion in the area while the Bluetooth detection will identify occupancy by recognizing authorized Bluetooth enabled Smartphones in the area.

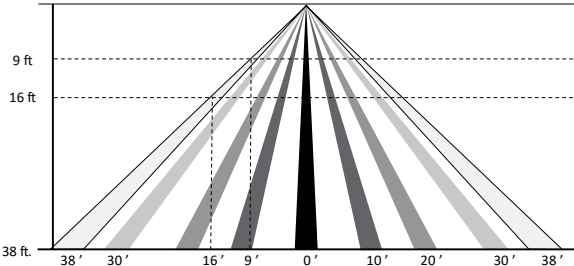
Typical Applications: The Sensor is easily installed into soft ceiling tiles by using an innovative cutting head to eliminate the need for cutting tools. Once the hole is cut and the sensor is pushed into place, rubber ribs hold the sensor securely in place. Power for the sensor is provided by the Douglas Lighting Controls Bluetooth Controller (part # BT-PP20-A).

PART NUMBER	DESCRIPTION
BT-WOR-A	Bluetooth enabled Occupancy / Daylight sensor

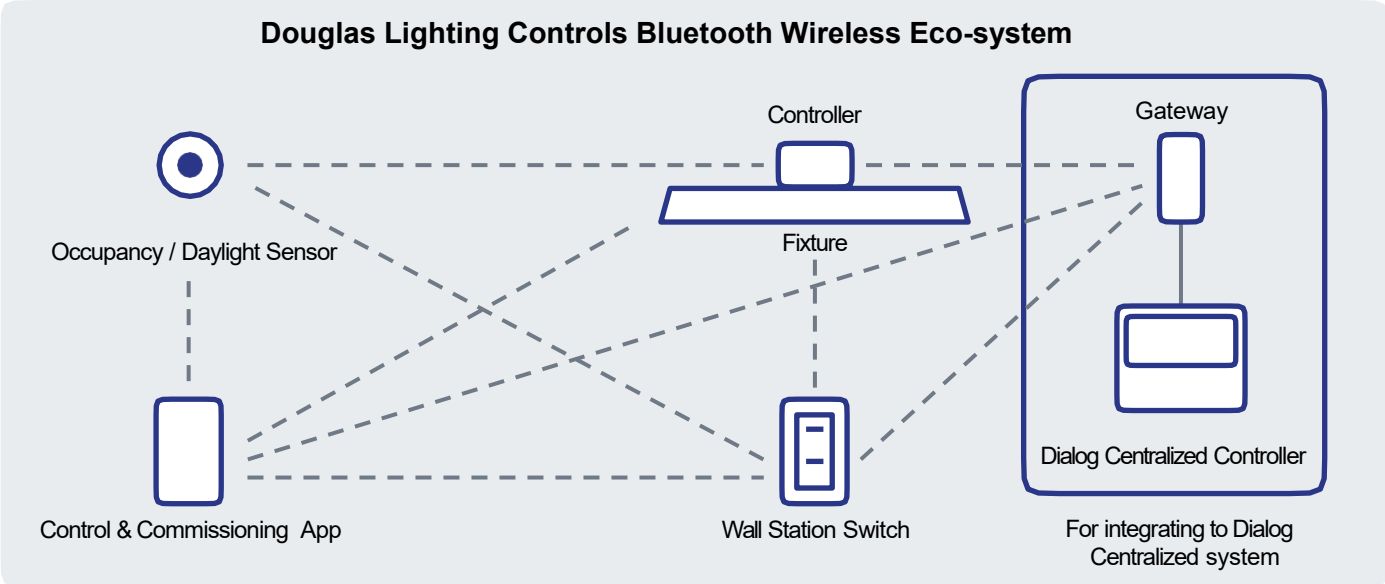
Coverage



Standard Lens Coverage Pattern - Side View



Douglas Lighting Controls Bluetooth Wireless Eco-system



*Patent Pending

Rev 8/24/2022

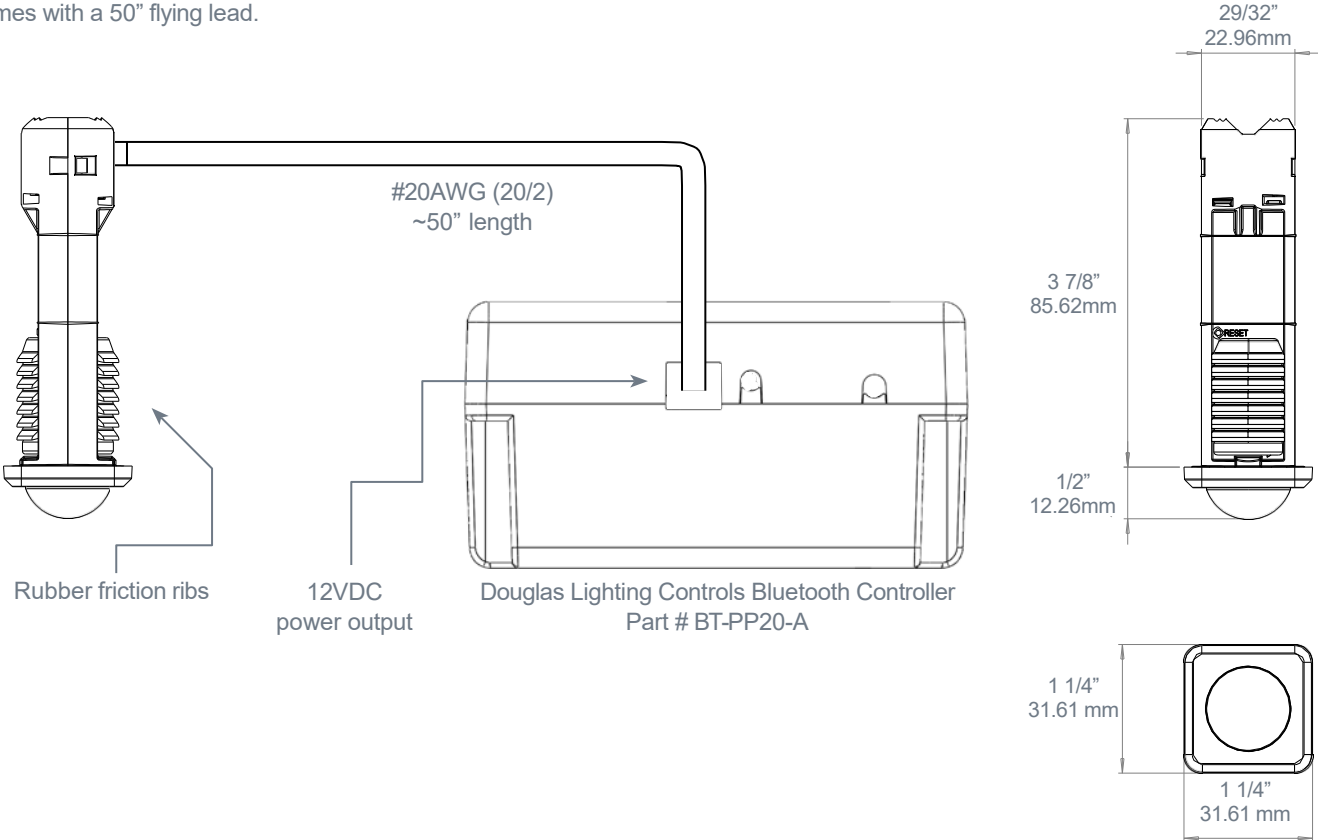
Douglas Lighting Controls

BT-WOR-A - Dialog Wireless Ceiling Sensor

Dimensions

Inches [mm]

Comes with a 50" flying lead.



Technical Details

FUNCTIONALITY	<ul style="list-style-type: none"> • Occupancy and daylight harvesting • Fits into a 15/16" hole • Powered by Douglas Lighting Controls Bluetooth Controller • Download Douglas Lighting Controls App from Apple App store for configuration • See Installation Manual for complete details
INPUT VOLTAGE	<ul style="list-style-type: none"> • 12VDC
WIRELESS RANGE	<ul style="list-style-type: none"> • 150' Clear line of site. 50' through standard walls (distances may vary based on location and environment. Additional devices may be required at time of commissioning to ensure Bluetooth network integrity.)
APPROVALS	<ul style="list-style-type: none"> • ASHRAE 90.1 Compliant • California Energy Commission Title 24 & NYLL 48 Compliant • Contains IC: 8254A-B1010SP0 • Contains FCC ID: W7Z-B1010SP0
ENVIRONMENT	<ul style="list-style-type: none"> • Indoor, stationary, non-vibrating, non-corrosive atmosphere, and non-condensing humidity • Operating temperature: 32°F to 104°F (0°C to 40°C) • Storage temperature: 14° to 140°F (-25° to 60°C)
WARRANTY	<ul style="list-style-type: none"> • Standard 5-years

*Patent Pending

Rev 8/24/2022

Douglas Lighting Controls