

Project Name _____
 Catalog # _____
 Type _____
 Notes _____



87-305

Dual Tech Wireless Ceiling Sensor

with Motion, Daylight Harvesting and Built in 0-10V and CCT Controller

The DOMINO™ Dual Tech Wireless Ceiling Sensor combines passive infrared (PIR) and ultrasonic detection to provide accurate occupancy sensing and daylight harvesting in commercial applications. Designed for 120-277VAC operation, it supports dual-channel dimming for tunable white (CCT) control and can switch up to 6A of connected load via an integrated relay. Built on Bluetooth® mesh Technology, it integrates seamlessly into the DOMINO™ networked lighting control system and provides broad detection coverage for areas up to 2,000 square feet.

FEATURES

- Dual-tech motion sensing for minor motion & major motion to 2,000 SF
- Photosensor for daylight harvesting
- Built-in 6A relay and 0-10V dimming control
- Built-in CCT control for compatible tunable drivers
- Up to 14 ft mounting height
- Bluetooth® mesh network for wireless communication
- Direct control- no hub or gateway needed
- Easy commissioning with DOMINO™ App (Available in IOS and Android)

GENERAL SPECIFICATIONS

Voltage	120/277V
Sinking Current	48.5 mA Max
Operating Temperature	-30°C to 55°C, -22°F to 131°F
Location Rating	Dry
IP Rating	IP20

Communication Protocol	Bluetooth Mesh
BLE Control Node	Yes
Bluetooth Mesh Range	100 ft
Software Supported	DOMINO™ App
Upgradeable Firmware	Yes

Sensor Type	Daylight Harvest, PIR Motion, Dual-Tech
Sensor Field of View	360°
Sensor Detection Height	14 ft Max
Sensor Hold Delay	App Controlled
Sensor Standby Delay	App Controlled
Sensor Mounting Type	Ceiling Mount

Dimming Technology	0-10V
Tuneable Capable	Yes

Encryption	128-bit AES-CCM
Cybersecurity	UL1376
Radio Frequency	2.4GHz ± 75MHz
Factory Reset Type	Push Button

ORDER INFO

ITEM	DESCRIPTION	UPC
87-305	Dual Tech Wireless Ceiling Sensor	045923873058

CONSTRUCTION

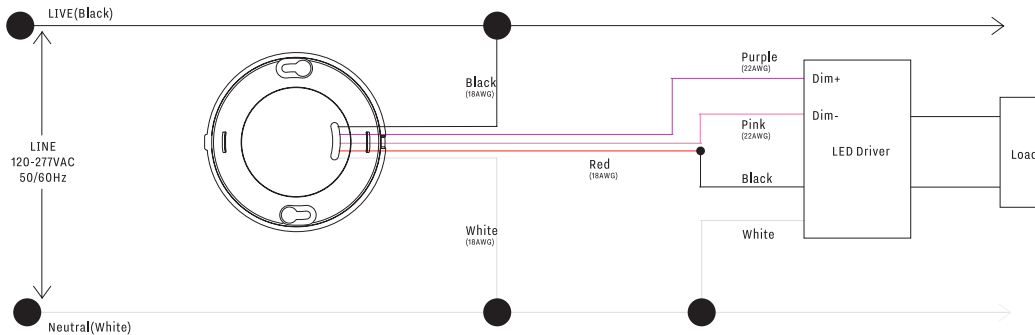
Construction Material	Thermoplastic, Acrylic Lens
Construction Finish	White
Connector Port	Hardwire

COMPLIANCE

Safety Listing	UL
FCC	Yes
FCC ID Number	2A26YLTKTVT2021
ICES-005	Yes
DLC Classification	DLC NLC Listed
DLC ID	N-XS2QN3
Warranty	5 Year

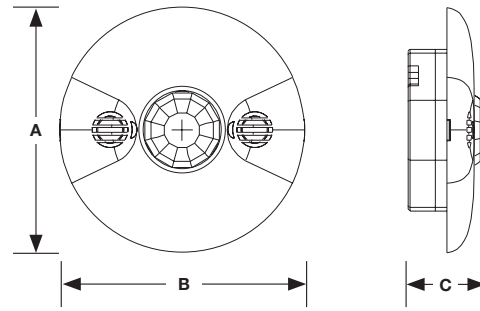


WIRING



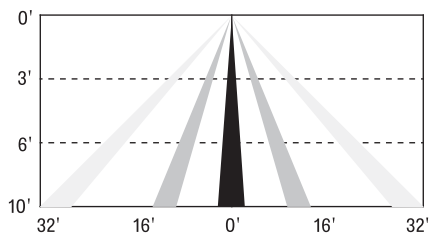
DIMENSIONS

Length (A)	Width (B)	Height (C)
1.43" (36.3mm)	1.43" (36.3mm)	2.3" (58.5mm)

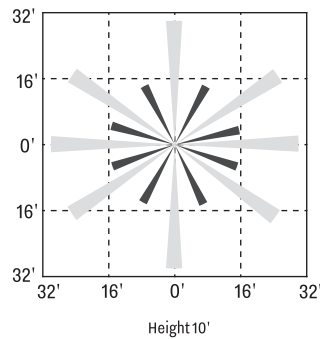


COVERAGE

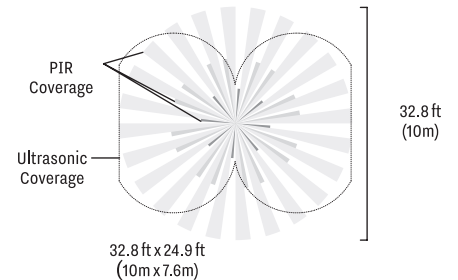
PIR Coverage Side View



PIR Coverage Top View



PIR+Ultrasonic Coverage Top View



DOWNLOADS



This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

CAUTION - RISK OF ELECTRIC SHOCK. Do not use if outer lamp envelope is damaged or broken.

WARNING: Some products included in this specification sheet may be subject to the warning requirements of California's Proposition 65. Please refer to your product packaging for more information.

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Specifications are subject to change without prior notice.