

LEDVANCE LINK

3.5mm PIN BLUETOOTH® MESH LOW VOLTAGE SENSOR & CONTROLLER

Application

LEDVANCE LINK™ 3.5mm Pin Bluetooth® Mesh Low Voltage Sensor & Controller can be easily added to luminaire using the side adapter and installs on the 1/2" knockout of the luminaire. This sensor is commissioned and sensor options and scheduling features are configured via the LEDVANCE LINK™ app. The luminaires with this sensor can be controlled via LEDVANCE LINK™ app or the wireless wall controller. It is ideal for small to medium-sized applications such as schools, offices, auditoriums, and warehouses (indoor).

Benefits and Features

- Commission and configure with LEDVANCE LINK™ app
- Indoor application
- Control using either LEDVANCE LINK™ app or the wireless/wired wall controller
- Add to already installed luminaires or to new installation
- Grouping and Zoning: Wirelessly group luminaires to act in sync with each other
- PIR Occupancy Sensor: Support setting delay time and dimming level through LEDVANCE LINK™ app
- Daylight Harvesting: Ambient daylight sensor allows for continuous dimming with the natural light
- Scene Control: Preset various scenes for individual or group of luminaires using the app
- QR Code for Admin/Guest Control: Using the LEDVANCE LINK™ app, Admin and Guest QR codes for each zone can be generated. Allows copying the settings to other phones/tablets by scanning this QR code
- Allows setting time-based schedules and high-end and low-end trim through the LEDVANCE LINK™ app
- Safe & Secure: UL1376 Gold Security Level 3 ensures cybersecurity capabilities of the connected products. Gateway free (no internet or LAN network connection needed) and no passwords. Internet connection is only required to download the app.

Electrical

- 12Vdc $\pm 0.5V$
- 0-10V dimmable



Warranty

- 5-year
- NLB Trusted Warranty Program

Ambient Operating Range

- -22°F to +131°F (-30°C to +55°C)

Certifications and Listings

- cULus
- RoHS
- FCC
- Bluetooth® Mesh
- DLC NLC 5.0

Installation

- 3.5mm pin plug-in for easy installation
- Compatible with LEDVANCE LINK™ Wireless Wall Controller
- Commission and control with LEDVANCE LINK™ app available for iOS and Android
- Indoor usage



Catalog #	Type
Project	
Comments	
Prepared by	

Ordering Guide

SENSORHB	PIRAUX12V	BLE
Product Name	Voltage Input	Bluetooth® Compatibilty
SENSORHB = High-Bay Sensor	PIRAUX12V = Passive Infared Sensor with 12V AUX	BLE = Bluetooth® Mesh Enabled

Ordering Information

Item Number	Ordering Abbreviation	Input Voltage	Dimming	Bluetooth® Mesh Compatibility
62634	SENSORHBPIRAUX12VBLE	12V _{DC}	0-10V	Yes

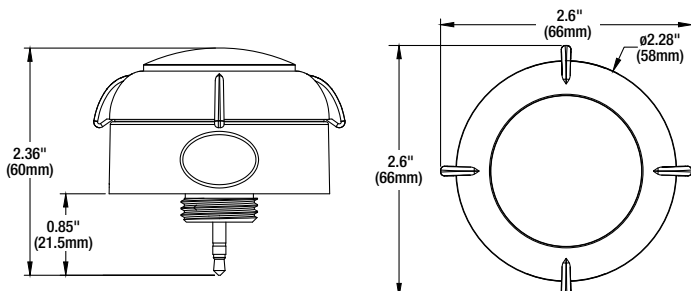
Specifications

Input Voltage	12 ± 0.5 V _{DC}
Max. Current	50 ± 5mA
Max. Power	N/A
Standby Power	0.6 ± 0.1W
Dimming	0-10V
Max. Sinking Current	10mA
Cable Length/Gauge/Rating	N/A
Auxiliary Output	N/A
Wireless Communication Range	100ft max (clear line of sight)
Radio Frequency Band	2.4GHz ± 75MHz
Operating Temperature Range	-22°F to 131°F (-30°C to 55°C), 5% - 85% RH
Sensor Type	PIR Sensor with integrated Daylight sensing
Max. Mounting Height	12m (40ft)
Major Motion Max. Detection Area	24m Diameter
Minor Motion Max. Detection Area	8m Diameter
Environmental Rating	Damp Rated

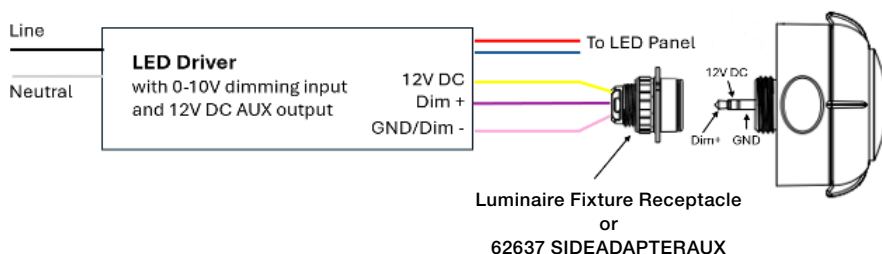
Default Settings

Motion Sensor(PIR)	ON
PIR Sensitivity	N/A
Sensor Triggered/Hold by	N/A
Sensor Hold Time(min)	N/A
Ultrasonic Sensitivity	N/A
Daylight Harvesting	OFF
T1 [mins]	20
T2 [mins]	1
Dim Level	50%
Sensitivity	100%
High End Trim [%]	100%
Low End Trim [%]	10%
Daylight min dim	Low End Trim
Occ./Vac. Mode	Occupancy
Occ. Linkage	OFF
Linkage Level [%]	100

Physical Information

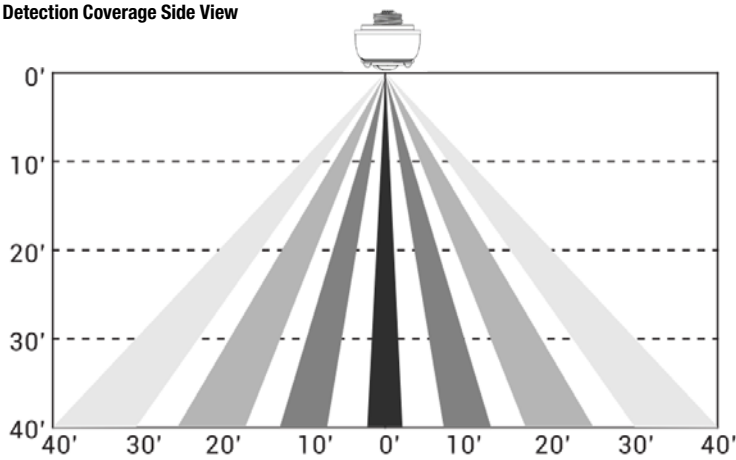


Wiring Diagram

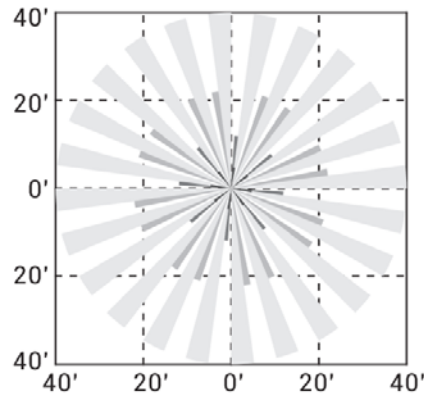


Lens Coverage

Detection Coverage Side View



Detection Coverage Top View



Commissioning Guide



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