

0-10V Dimming Fixture Mount PIR Indoor/Outdoor Wet Location Occupancy Sensor



DESCRIPTION

The Leviton 0-10V Dimming Fixture Mount PIR Indoor/Outdoor Wet Location Occupancy Sensor (HBE11) is specifically designed to be mounted directly to an industrial fluorescent fixture or electrical junction box for control of 0-10V dimmable fixtures. The HBE11 is IP65 rated making it ideal for wash down applications in indoor and outdoor locations.

APPLICATIONS

The HBE11 is designed to be mounted to fixtures and is ideal for damp or wet locations including:

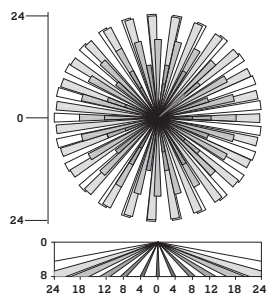
- Supermarket meat departments
- Food processing plants
- Parking garages
- Outdoor lighting fixtures

FEATURES

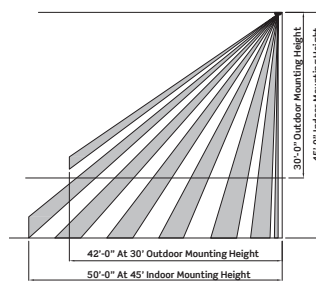
- Controls 0-10V dimmable ballasts for daylight harvesting applications
- Interchangeable high/low area detection lenses in 360° view or aisle patterns*:
 - High mount lens: 45 feet indoors, 30 feet outdoors
 - Low mount lens: 16 feet indoors and outdoors
- Impervious to dust and able to withstand water ingress with an operating range of -40 to 149°F (-40 to 65°)
- Full OFF timer delay:
 - Enabled: sensor will turn lights OFF after 60 minutes in the unoccupied low level state
 - Disabled: sensor will maintain low level setting when there is no occupancy
- 8-second test mode with 1, 5, 10 and 15 minute time outs
- Unoccupied dimming presets: 70%, 60%, 50%, 20%
- IP65 rated
- Can be used to comply with ASHRAE 90.1, 2019 Title 24, Part 6 occupancy sensing requirements, UL and cUL listed

*Lenses must be ordered separately

FIELD-OF-VIEW (IN FEET)



Sensor Lens Coverage and Detection Patterns When Mounted at 8ft with Low Mount Lens



Sensor Lens Coverage and Detection Patterns When Mounted at 30ft and 45ft with Standard Lenses

INSTALLATION

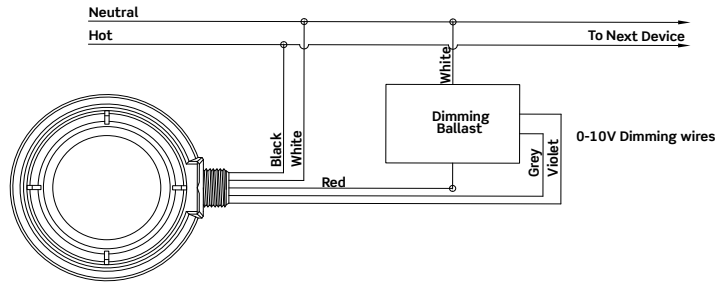
Installs directly to an industrial fluorescent fixture or an electrical junction box through a standard 1/2" knockout using the provided lock-nut. Wiring is connected inside the fixture body.



PRODUCT DATA



WIRING DIAGRAM



DIMENSIONS



SPECIFICATIONS

ELECTRICAL	
Power Input	120/277/347VAC
Load Ratings	120VAC: 0-800W Electronic Ballast/LED Driver or 0-600W Tungsten, 60Hz 277VAC: 0-1,200W Electronic Ballast/LED Driver 347VAC: 0-1,500W Electronic Ballast/LED Driver 1/4 HP motor load @ 120VAC and 277VAC, 1/6 HP motor load @ 347VAC
Time Delay	8-second test mode with 1, 5, 10 and 15 minute time outs
Range	Downward facing sensor: 1-50FC (10.76-538.19 LUX) Upward facing sensor: 5-500FC (53.81-5381.96 LUX)
ENVIRONMENTAL	
Operating Temperature	-40-149°F (-40-65°C)
PHYSICAL	
Mounting	1/2" chase nipple
Dimensions	1.5" (38.10mm) H x 4" (101.60mm) W
Construction	High-impact, injection-molded plastic
Color	White
OTHER	
Warranty	5-year limited warranty
Energy Codes	Can be used to comply with ASHRAE 90.1, 2016 Title 24, Part 6 occupancy/vacancy sensing requirements
Listings	IECC, UL STD 508, UL STD 244A, IP65 listed

ORDERING INFORMATION

CAT NO.	DESCRIPTION
HBE11-IUB	0-10V Dimming Fixture Mount PIR Indoor/Outdoor Wet Location Occupancy Sensor, 120/277/347VAC, IP65 rated, white
HBLNH-360	High Mount Standard Lens, 360° pattern
HBLNH-ALE	High Mount Standard Lens, aisle pattern
HBLNL-360	Low Mount Standard Lens, 360° pattern
HBLNL-ALE	Low Mount Standard Lens, aisle pattern
OSF0L-00W	Watertight Offset Adapter Accessory for HBE11, 1 position, white

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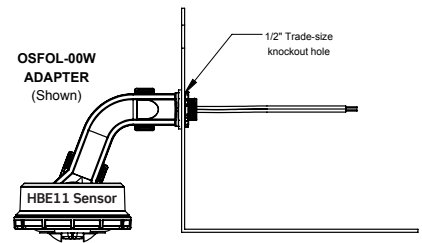
Visit our Website at: www.leviton.com/sensors

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ADAPTER INSTALLATION

Note: For taller fixtures, an offset adapter can be used for appropriate sensor positioning

FLAT LUMINAIRE



LUMINAIRE WITH LIP

