

HIGH BAY PASSIVE INFRARED OCCUPANCY SENSOR STANDARD LENS MODULE



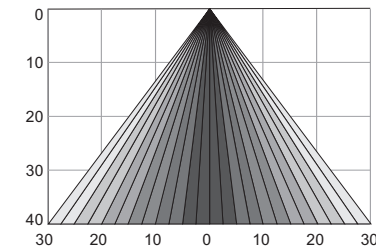
Product Overview

The HBLx Lens Modules work with the HB3x0 series sensor modules to provide automatic lighting control. Four different lens modules provide coverage for different applications, facilitating sensor use at various mounting heights and locations.

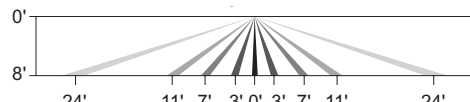
Each Fresnel lens fits any HB3x0 sensor module, and can be replaced with a different lens when desired. For more information about the sensor modules, refer to the High Bay Occupancy Sensor Module datasheet.

Models
HBL1 Aisleway Lens Module
HBL2 Low Bay Lens Module
HBL3 Mid Bay Lens Module
HBL7 High Bay Lens Module
Specifications and Features
Indoor use only
Operating Humidity: 5% to 95%, noncondensing
Weight: 0.8 oz [22 g]
Five year warranty
Optical
Multi-cell, multi-tier Fresnel lenses
Interchangeable lenses (HBL1, HBL2, HBL3, HBL4)
Asymmetric 2-way and 360° lenses
Lens choices for mounting between 8 and 40 feet
Materials
ABS, flame retardant
UV resistant
Impact resistant
Recyclable
Meets materials restrictions of RoHS

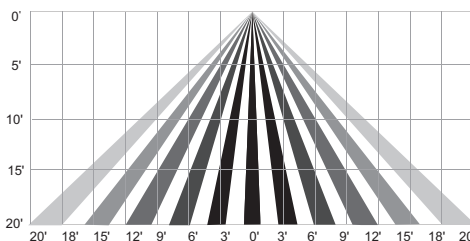
Coverage



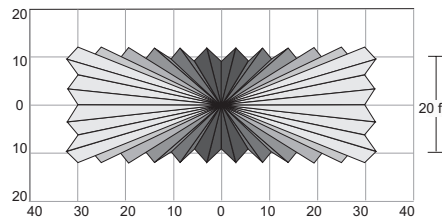
HBL1 side coverage pattern



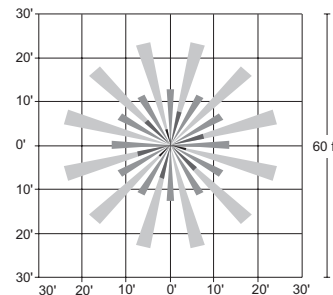
HBL2 side coverage pattern



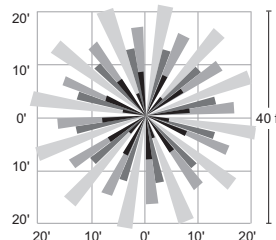
HBL3 side coverage pattern



HBL1 top coverage pattern



HBL2 top coverage pattern



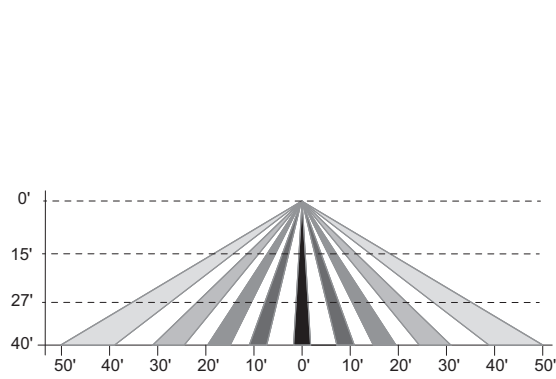
HBL3 top coverage pattern

Aisleway: The HBL1 Fresnel lens is designed to detect walking motion when mounted at 40' above the floor. The lens has a linear detection range up to 60'.

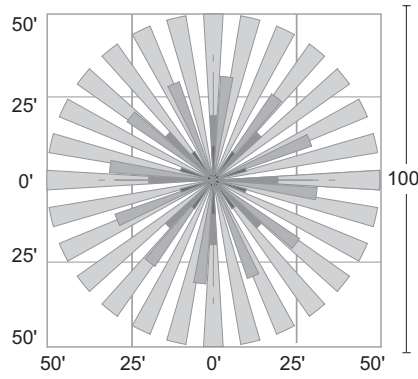
Low Bay: The HBL2 Fresnel lens is designed to detect walking motion when mounted at 8' above the floor. The coverage area can be up to 48' in diameter.

Mid Bay: The HBL3 has a high density lens that covers a 40' diameter area from a height of 20'.

Coverage



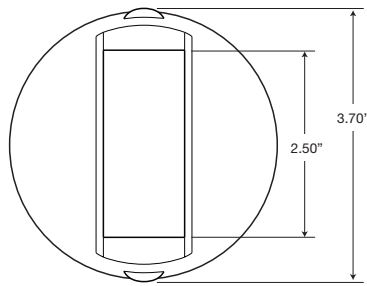
HBL7 side coverage pattern



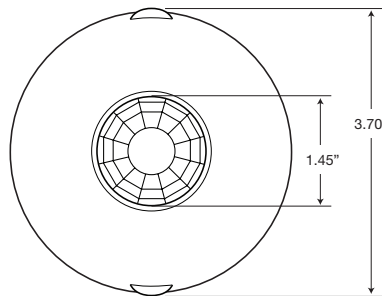
HBL7 top coverage pattern

High Bay: The HBL7 is designed for mounting at a height of 20' to 40'. Its coverage area can be up to 100' in diameter at 40'.

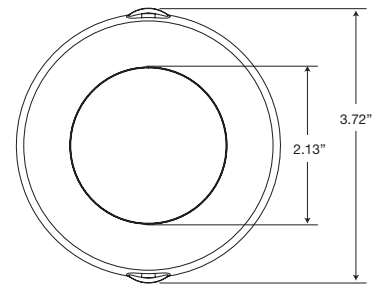
Dimensions



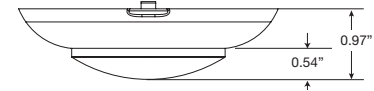
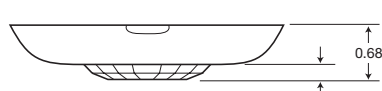
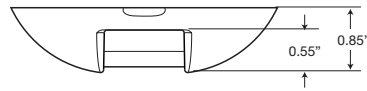
HBL1 dimensions



HBL2 and HBL3 dimensions



HBL7 dimensions



Ordering Information

Catalog #	Master Pack Details				
	Master Pack Quantity	Case dimensions (inches)			Weight (pounds)
		Length	Width	Height	
HBL1	100	17.48	21.18	15.67	11.4
HBL1M	100	17.48	21.18	15.67	11.4
HBL2	100	17.48	21.18	15.67	10.2
HBL3	100	17.48	21.18	15.67	10.2
HBL7	100	17.48	21.18	15.67	13.8

Inner Pack Quantity	Inner Pack Details			
	Case dimensions (inches)			Weight (pounds)
	Length	Width	Height	
50	8.35	20.63	15.04	4.94
50	8.35	20.63	15.04	4.94
50	8.35	20.63	15.04	4.2
50	8.35	20.63	15.04	4.2
50	8.35	20.63	15.04	5.4

Catalog #	Color	Description
<input type="checkbox"/> HBL1	White	Aisleway Lens Module: 60' linear coverage from 40' height (Bulk Packaged)
<input type="checkbox"/> HBL1M	White	Aisleway Lens Module: 60' linear coverage from 40' height, 1 side masked (Bulk Packaged)
<input type="checkbox"/> HBL2	White	Low Bay Lens Module: 48' diameter coverage from 10' height (Bulk Packaged)
<input type="checkbox"/> HBL3	White	Mid Bay Lens Module: 40' diameter coverage from 20' height (Bulk Packaged)
<input type="checkbox"/> HBL7	White	High Bay Lens Module: 100' diameter coverage from 40' height (Bulk Packaged)

Bulk packaged products are shipped without individual boxes or installation instructions. Information supplied above is subject to change. Harmonization code: 8538908080. Country of origin: China.