

HIGH BAY PASSIVE INFRARED OCCUPANCY SENSOR STANDARD LENS MODULE

HBLX

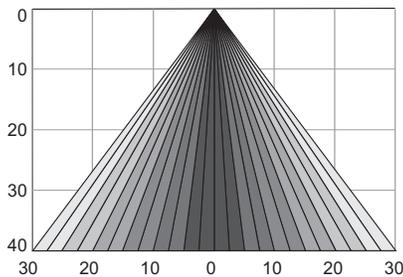


PRODUCT OVERVIEW

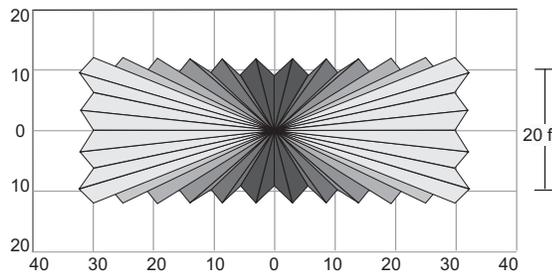
The HBLx Lens Modules work with the HB3x0 series sensor modules to provide automatic lighting control. Four different lens modules provide coverage for different applications, facilitating sensor use at various mounting heights

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 |
| HBL1M Aisleway Lens Module with Mask |
| HBL2 Low Bay Lens Module |
| HBL3 Mid Bay Lens Module |
| HBL7 High Bay Lens Module |
| SPECIFICATIONS & FEATURES |
| Multi-cell, multi-tier Fresnel lenses |
| Interchangeable lenses |
| Asymmetric 2-way and 360° lenses |
| Lens choices for mounting between 8 and 40 feet |
| Indoor use only |
| Operating Humidity: 5% to 95%, non-condensing |
| Weight: 0.8 oz (22.7 g) |
| Five year warranty |
| MATERIALS |
| ABS, flame retardant |
| UV resistant |
| Impact resistant |
| Recyclable |
| Meets materials restrictions of RoHS |

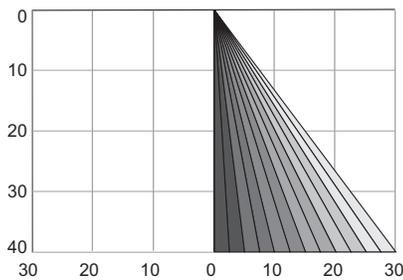


HBL1 side coverage pattern

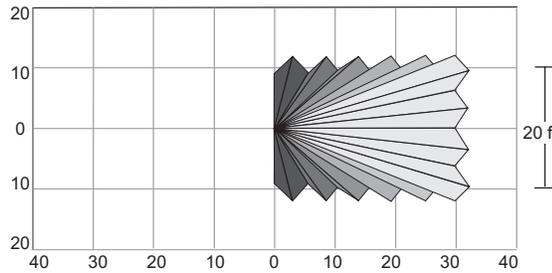


HBL1 top coverage pattern

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'.

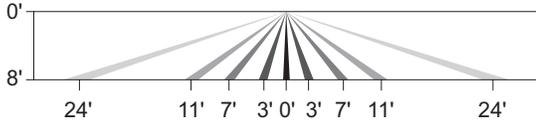


HBL1M side coverage pattern

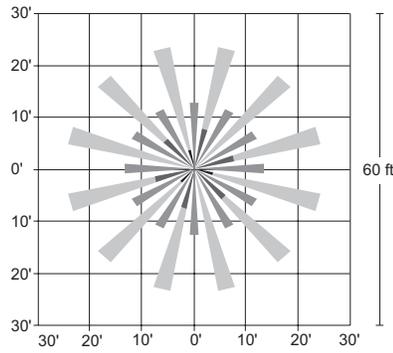


HBL1M top coverage pattern

Aisleway with Mask: Identical to the HBL1, the HBL1M comes with opaque adhesive tape applied to the interior of the lens, cutting off 1/2 of the coverage pattern. This customized coverage is ideal for the beginning of aisles where cross traffic could be an issue.

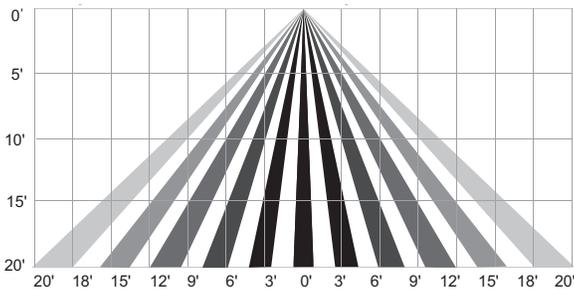


HBL2 side coverage pattern

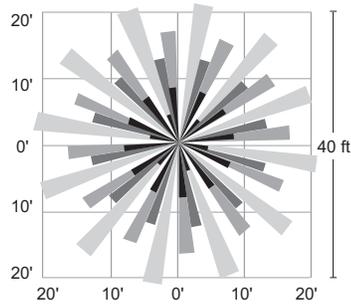


HBL2 top coverage pattern

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.

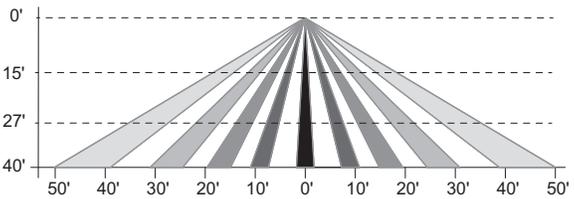


HBL3 side coverage pattern

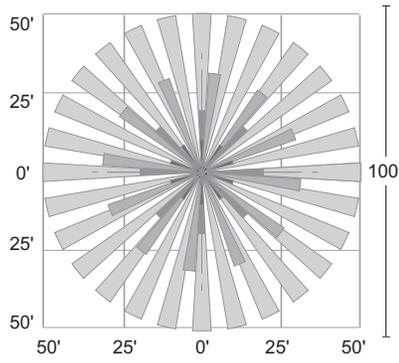


HBL3 top coverage pattern

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



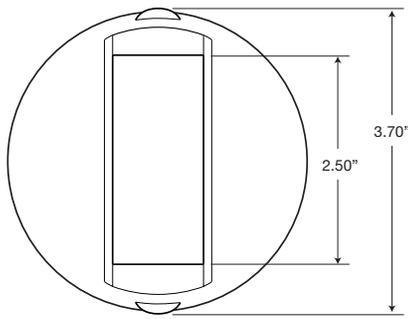
HBL7 side coverage pattern



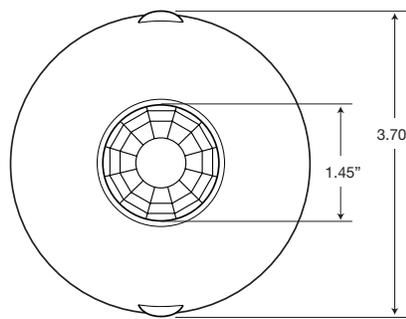
HBL7 top coverage pattern

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

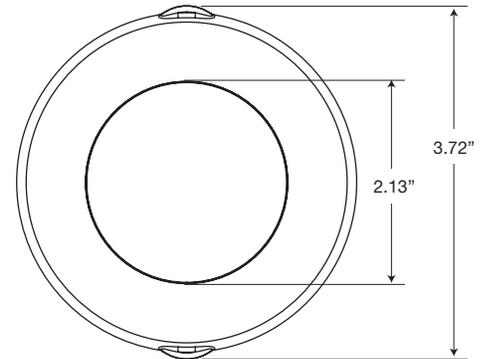
DIMENSIONS



HBL1 and HBL1M 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 | 21.14 | 19.72 | 10.31 | 13.4 |
| HBL1M | 100 | 21.2 | 17.5 | 15.7 | 13.4 |
| HBL2 | 100 | 21.2 | 17.5 | 15.7 | 12.1 |
| HBL3 | 100 | 21.2 | 17.5 | 15.7 | 12.1 |
| HBL7 | 100 | 21.2 | 17.5 | 15.7 | 14.3 |

| Inner Pack Quantity | Inner Pack Details | | | |
|---------------------|--------------------------|-------|--------|-----------------|
| | Case dimensions (inches) | | | Weight (pounds) |
| | Length | Width | Height | |
| 50 | 20.67 | 9.44 | 9.76 | 5.5 |
| 50 | 20.7 | 8.35 | 15 | 5.5 |
| 50 | 20.7 | 8.35 | 15 | 4.85 |
| 50 | 20.7 | 8.35 | 15 | 4.85 |
| 50 | 20.7 | 8.35 | 15 | 6.15 |

| Catalog # | Color | Description |
|--------------------------------|-------|--|
| <input type="checkbox"/> HBL1 | White | Aisleway Lens Module: 60' linear coverage from 40' height (Bulk Packaged) |
| <input type="checkbox"/> HBL1M | Brown | Aisleway Lens Module: 60' linear coverage from 40' height, 1 side masked (Bulk Packaged) |
| <input type="checkbox"/> HBL2 | Gray | 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 | Gray | High Bay Lens Module: 100' diameter coverage from 40' height (Bulk Packaged) |

Information supplied above is subject to change.
 Harmonization code: 8538908080. Country of origin: China.

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