Energy Efficiency Solutions

| User Interface | (1) twelve pin DIP switch | | |
|---|---|--|--|
| Timer time-outs | Primary: 8-second test mode, 4, 8, 16 and 30 minute time-outs Secondary: (Can be disabled) 30, 60 and 90 minute time-outs | | |
| Passive infrared | Dual element pyrometer and spherical Fresnel lens | | |
| Daylight sensor | Dual element pyrometer and spherical Fresnel lens designed for robust detection of a walking person* | | |
| Coverage | 360° lens provided, 180° aisle and end-of-aisle lenses also available | | |
| Load ratings (Line voltage units) | 120V AC: 800W ballast or tungsten, 5 LED 277V AC: 1200W ballast, 5 LED 347V AC: 1500W ballast | 208/240V AC: 1200W ballast 480V AC: 2400W ballast ¼ HP motor load @ 120V AC, ½ HP @ 347V AC | |
| Low voltage sensors (Output) | 24V DC nominal, 33mA from Hubbell CU series control unit Relay: N/O + N/C contacts; 500mA rated @ 24V DC; 3-wire isolated relay | | |
| 0-10V Dimming | Capable of sinking up to 30mA (Dimming series) | | |
| Dimming presets unoccupied | 70%, 60%, 50%, 20% (Dimming series) | | |
| Full OFF timer delay enabled Full OFF timer delay disabled | After 60 minutes in the Unoccupied low level state, sensor will turn lighting OFF Sensor will maintain low level setting when there is no occupancy (Dimming series) | | |
| Operating environment | Indoor use only models Operating temperature: (standard version) 32°F to 149°F (0°C to 65°C); Relative humidity (non-condensing): 0% to 95% | | |
| | Indoor and outdoor use (Watertight) IP65 models HBSXT series Operating temperature: -40°F to 149°F (-40°C to 65°C) | | |
| Construction | Casing: High-impact injection-molded thermoplastic | | |
| Size and weight | Size: 4.0" Diameter x 1.5" Height; Weight: 7 oz. | | |
| Color | White | | |
| Mounting | Mounts directly to end of a fixture through an extended ½ inch chase nipple for deeper body fixtures, an optional Extender Adapter (HMHBSA available separately) positions the sensor flush or below the bottom of the reflector for a full field of view | | |
| Certifications | cULus Listed, indoor models | | |
| | Conforms to UL STD 508, UL STD 244A, and IP65 (Watertight) models | | |

Minor Motion: PIR Major Motion: PIR HMHB Series H= 0' to 45'

Lens Coverage C = 1.4 @ 00-30 and 1.1 @ 30-45 (FT)

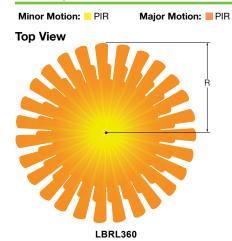
| Height (H) | Radius (R) | Diameter (D) |
|------------|------------|--------------|
| 18 | 25.2 | 50.4 |
| 20 | 28 | 56 |
| 24 | 33.6 | 67.2 |
| 28 | 39.2 | 78.4 |
| 30 | 42 | 84 |
| 32 | 35.2 | 70.4 |
| 36 | 39.6 | 79.2 |
| 40 | 44 | 88 |
| 42 | 46.2 | 92.4 |
| 45 | 49.5 | 99 |

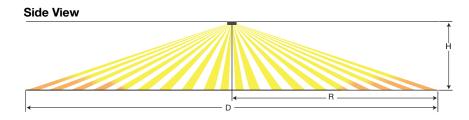
Note: *When used with program start ballast, a 1-2 second delay from occupancy detection to lamp turn-on may be experienced.

OPTIMYZER® Low Mount Lens Modification Coverage Patterns

HBSXT series

5 year limited





Lens Coverage 3:1 Ratio (FT)

| Height (H) | Radius (R) | Diameter (D) |
|----------------------|----------------------|---------------------|
| 8 | 24 | 48 |
| 10 | 30 | 60 |
| 12 | 36 | 72 |
| 14 | 42 | 84 |
| 16 | 48 | 96 |
| | | |

Warranty