

Project		Catalog #		Type	
Prepared by		Notes		Date	



# Metalux

## HBS1 High Bay Sensor

PIR Occupancy and Daylight sensor  
Plug-in Sensor for SPHB, UHBS and EZBY

### Typical Applications

Industrial • Commercial • Retail • Manufacturing • Warehouse • Gymnasium • Multi-purpose • Grocery

### Interactive Menu

- Sensor Coverage page 2
- Product Warranty

### Product Certification



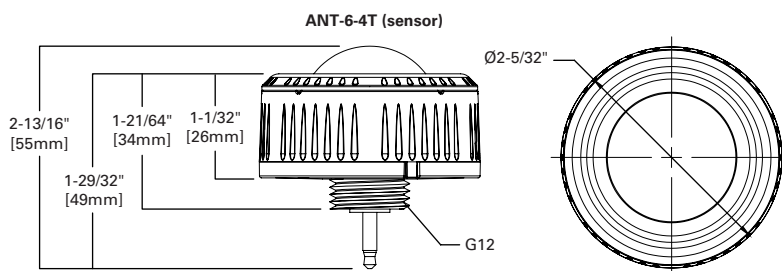
### Product Features



### Top Product Features

- Simple, in-field plug and play installation
- Passive Infra-Red (PIR) and daylight sensor
- Up to 1900 sq-ft coverage
- Occupancy control with 4 preset modes
- PIR technology and detection at mounting heights up to 50FT
- Remote control capability using separate accessory (HBS Sensor Remote Control)

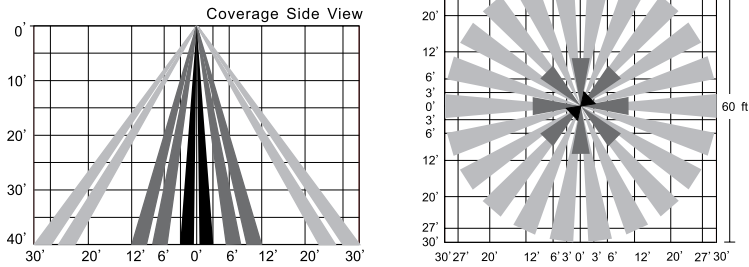
### Dimensional and Mounting Details



### Ordering Information

Catalog Number	Description	Unit Carton UPC
HBS1	PIR Sensor 360 Lens 50FT MH Kit	080083471171
HBS SENSOR REMOTE	HBS Sensor Remote Control	080083471188

## Sensor Coverage



## Sensor Specifications

Power supply	12V-24V DC, >30mA
Dim control output	0-10V, max. 25mA sinking current
Remote range	50ft. (15m) indoor, no backlight
Dim control output	0-10V
Detection radius	20% / 50% / 75% / 100% (1-8m)
Mounting height	Up to 50ft (15.25 m)
Time setting	10s / 1 min / 5 min / 10 min / 15 min / 20 min / 30 min / 60 min
Light-control	24H / 10 LUX / 30 LUX / 50 LUX
Sensor Operating Temp.	-40°F ~+ 158°F (-40°C ~+ 70°C)
IP rating	IP65

**Notes:** Warm up time 40 sec after sensor first receives input power. Fixture will stay on 40 seconds then work move to default mode.

Any setting changed by sensor remote control (order remote separately), will led lights on remote to turn on and off to confirm. See sensor instruction sheet on UHBS product page found on [www.cooperlighting.com](http://www.cooperlighting.com)

## Sensor Modes

	Brightness	Sensitivity	Hold Time	Daylight Sensor	Stand-by Dim	Stand-by Period
<b>MODE 1 (Default)</b>	100%	75%	5 min	Disabled	30%	30 min
<b>MODE 2</b>	100%	75%	1 min	Disabled	30%	∞
<b>MODE 3</b>	100%	75%	5 min	30LUX	30%	30 min
<b>MODE 4</b>	100%	75%	1 min	(30LUX/300LUX)	30%	∞

## Product Specifications

### Sensor

- Plug and play low-voltage sensor accessory available
- Sensor installs directly to integral fixture port
- PIR motion sensor with 0-10V control
- Wet location and IP65 rated
- Auto-Disconnect during Emergency operation
- Up to 50ft mounting height
- Sensor remote control must be ordered separately

### Warranty

- Five year limited warranty