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# HIGH BAY MOTION SENSOR WET LOCATION SERIES



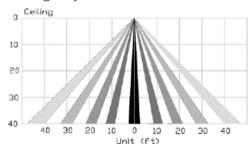


# Passive Infrared (PIR) Sensing Technology

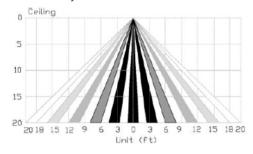
- Up to 40' Mounting Height
- Ideal for Wet Location Fluorescent or LED Fixtures
- LED Indicator
- No Minimum Load Requirements
- Simple Adjustable Controls for Time Delay and Day Lighting Control
- Interchangeable Lenses including Aisle and Corridor Shields
- Low Bay Lens Included
- Embedded Relay (No External Box Required)
- 5 Year Warranty
- UL Listed
- IP65 Rated, for wet location application

#### **FIELD OF VIEW**

With High Bay Lens



With Low Bay Lens



# **ELECTRICAL**

MODEL	HBE-PIR-120-277-IP65 HBE-PIR-347/480-IP65	
FREQUENCY	50/60 Hz 50/60 Hz	
MAX. LOAD RATING	800VA @ 120VAC 1500VA @ 347VAC	
	1200VA @ 208/240/277VAC	2000VA @ 480VAC
POWER CONSUMPTION	0.07W @ 120V	0.19W @ 347VAC
	0.39W @ 277VAC	0.37W @ 480VAC

### **PHYSICAL**

• Size: 4.13" h x 4.13" w x 1.89"d

· Case Color: White

• Color Coded Lead Wires

• Housing constructed of high impact injected molded plastic

### **PERFORMANCE**

• Mounting Height: Up to 40'

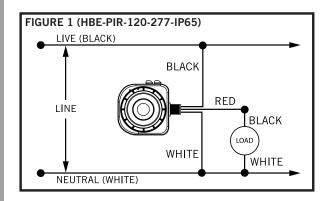
• Operating Temperature Range: -4°F to 160°F

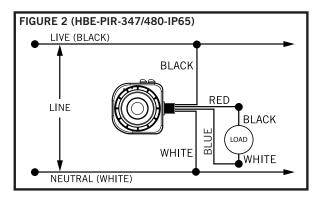
• Storage Temperature Range: -4°F to 160°F



# HIGH BAY MOTION SENSOR WET LOCATION SERIES

## WIRING DIAGRAMS





## **Coverage Installation:**

There are five coverage masks included in each sensor package. You can use them for either aisle or end aisle applications. Please choose the right one for your application.

### **Settings:**

Sensor factory pre-sets are as follows:

12345678  $\downarrow \uparrow \downarrow \uparrow \downarrow \downarrow \downarrow \downarrow \downarrow$ 

PIR sensitivity: 90% Time delay: 30 seconds

The PIR sensitivity, delay time and the daylight sensor (PSC-HB-I-FM-XXXD)'s adjustment is shown in Table 1

Table 1 Sensory adjustment table

PIR sensitivity (↓:off; ↑:on)							
Sensitivity		Delay time		Daylight sensor (optional)			
1 2		3 4 5		678			
$\downarrow \downarrow$	100% high	$\downarrow\downarrow\downarrow\downarrow$	10 seconds	$\downarrow\downarrow\downarrow\downarrow$	Occ. only		
$\downarrow \uparrow$	90%	$\downarrow\downarrow\uparrow\uparrow$	30 seconds	$\downarrow\downarrow\uparrow\uparrow$	Occ. + PC1		
$\uparrow \downarrow$	80%	$\downarrow\uparrow\downarrow$	1 minute	$\downarrow \uparrow \downarrow$	Occ. + PC2*		
$\uparrow \uparrow$	70%	$\downarrow\uparrow\uparrow$	5 minutes	$\downarrow \uparrow \uparrow$	PC only		
		$\uparrow\downarrow\downarrow$	10 minutes		*Dual relay only		
		$\uparrow\downarrow\uparrow$	15 minutes				
		$\uparrow\uparrow\downarrow$	20 minutes				
		$\uparrow\uparrow\uparrow$	30 minutes	·			

## ORDERING INFORMATION

CATALOG NUMBER	DESCRIPTION
HBE-PIR-120-277-IP65	High Bay Motion Sensor Module for 120-277V, IP65 Rated
HBE-PIR-347/480-IP65	High Bay Motion Sensor Module for 347/480V, IP65 Rated