

# EXTERNAL HIGH/LOW BAY PHOTO/BI-LEVEL PIR MOTION SENSOR

This sensor was designed for automatic lighting control in high or low bay application.

Different lens options provide a wide coverage of mounting heights.

Each model includes a hold-off daylight level feature to prevent lighting from turning on when there is sufficient ambient light.

Customize dimming level, delay time and control mode easily via potentiometers or a remote controller.



## Model Number

Model	Description
EFS01E	External Fixture Sensor, PIR Motion&Photo, 0-10V Bi-level Dimming, Manual
EFS01RE	External Fixture Sensor, PIR Motion&Photo, 0-10V Bi-level Dimming, Remote Control
HBL1	Highbay Lens, Max. Mount Height 40FT, Detection Dia. 80FT
HBL2	Highbay Lens, Max. Mount Height 40FT, Detection Dia. 64FT
MBL1	Mediumbay Lens, Max. Mount Height 20FT, Detection Dia. 50FT
LV	Lens Mask
EJ30	Extension Joint
EJ50	Extension Joint
EL40	Extension Joint

## Accessory

The EJ30, EJ50 and EL40 are extension joints that can be used to extend the mount sensor position for 30, 40 and 50mm. Combine the joints if longer extension is required.



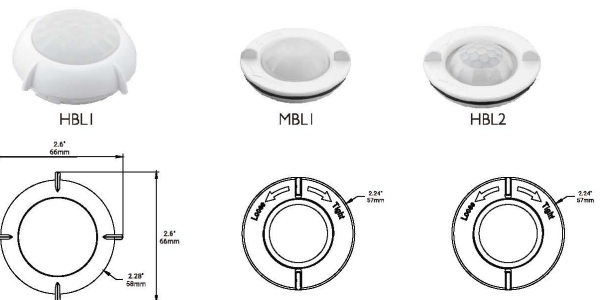
## Specifications

Input Voltage	120~277V AC 50/60Hz
Maximum Load	10A, 1200W Max. for LED driver only
Power Consumption	0.8W
Dimming	0-10V
Load switching	Zero-cross Hybrid-Switching
Op. temperature	-30°F~131°F (-30°C~55°C)
IP rate	IP66
Mode setting	A, B, C, D, E
Dimming level setting	10%, 20%, 30%, 50%, 60%, 70%, 80%, 100%
Delay time setting	30', 1', 5', 10', 30'
Certification	UL
Warranty	Five year warranty

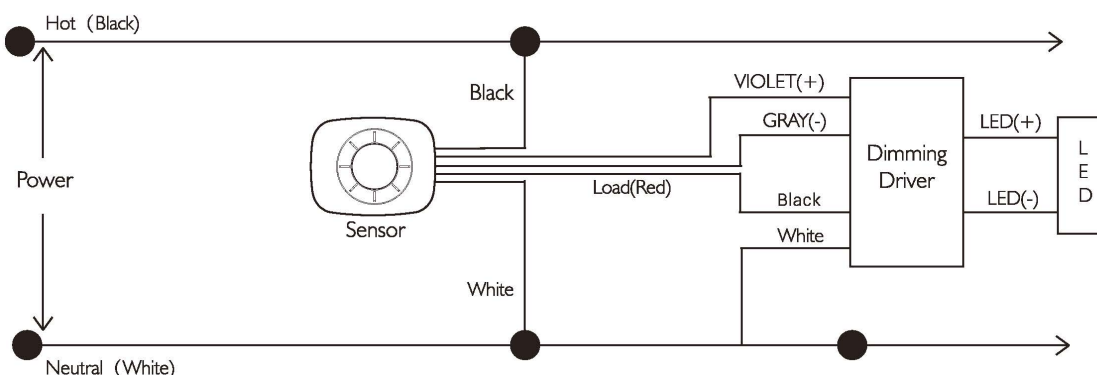
This LENS MASK designs to adjust the detection range for additional requirement.



Lens Option



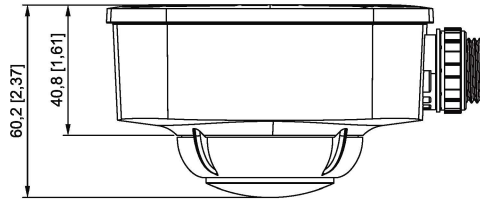
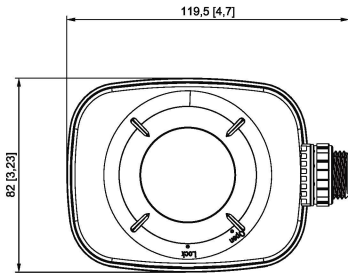
## Wiring



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## Dimensions

Unit:inch/mm

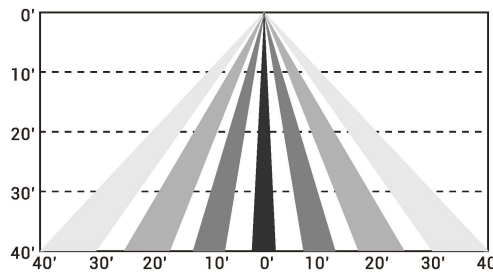


## Lens Coverage

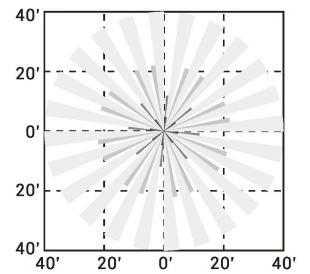
### HBL1



HBL1 Coverage Side View



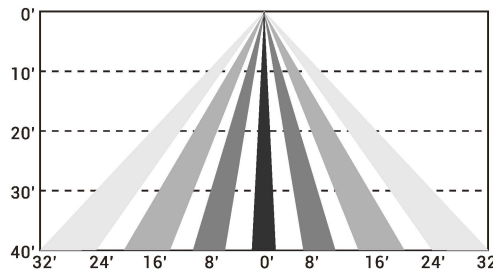
HBL1 Coverage Top View



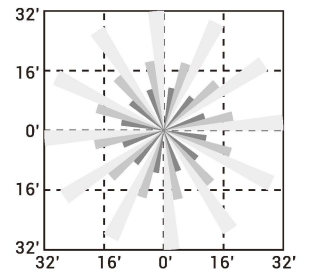
### HBL2



HBL2 Coverage Side View



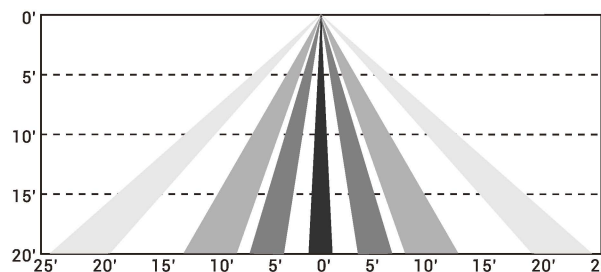
HBL2 Coverage Top View



### MBL1



MBL1 Coverage Side View



MBL1 Coverage Top View

