

HIGH/LOW BAY PASSIVE INFRARED OCCUPANCY SENSOR

EFS01/EFS02/EFS03 are designed for automatic lighting control in high or low bay application. All model PIR sensor with different lens provide a wide coverage of mounting heights. Each model includes a hold-off daylight level feature to prevent lighting from turning on when occupancy is detected when there is sufficient ambient light.

EFS01 is a bi-level (0-10V) motion sensor includes selectable mode for different building code.

EFS03 has IR remote capability.



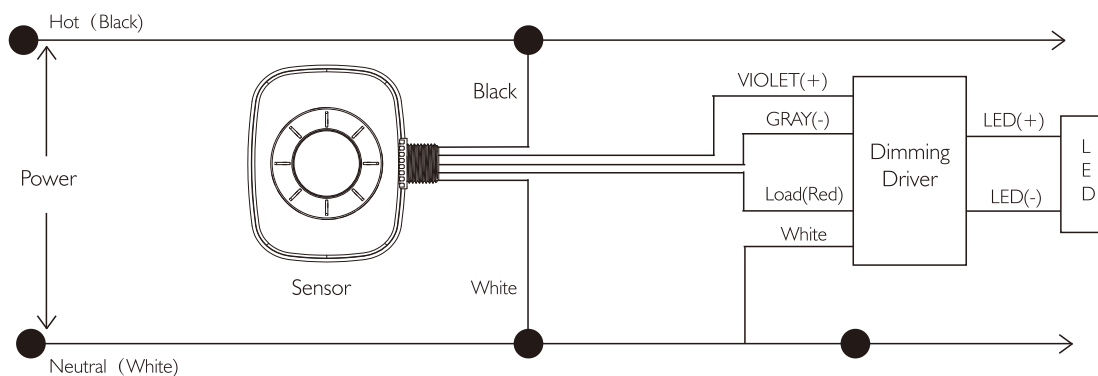
Model Number

Model	Description
EFS01	External Fixture Sensor, ON/OFF mode, 0-10V Bi-level Dimming
EFS02	External Fixture Sensor
EFS03	External Fixture Sensor, ON/OFF mode, 0-10V Bi-level Dimming, IR remote capability
EFSL1	Standard Lens
EFSL2	High bay lens
EJXX	Extension Joints
PM01	Remote Controller for EFS03 setting

Specifications

Input Voltage	120~277V AC 50/60Hz
Maximum Load	Load Ratings @120V 800W tungsten, ballast, LED driver; 1/6hp motor @230-240V 300W ballast, LED driver @277V 1200W ballast, LED driver; 1/6hp motor
Power Consumption	0.8W
Dimming	0-10V 50mA
Infrared sensor	Omni-directional quad element pyroelectric
Load switching	Zero-cross Hybrid-Switching
Detectable speed	1~10 ft./sec. (0.3~3 m/sec)
Mounting height	15-40ft
Detection range	100ft Max
Ambient light level	30-2500 Lux
Delay time setting	30 seconds - 30 minutes
Op. humidity	IP66
Op. temperature	-40°F~158°F (-40°C~70°C)
Dimensions	L4.03"xW3.91"xH2.08"(L102.4mmxW99.4mmxH52.9mm)

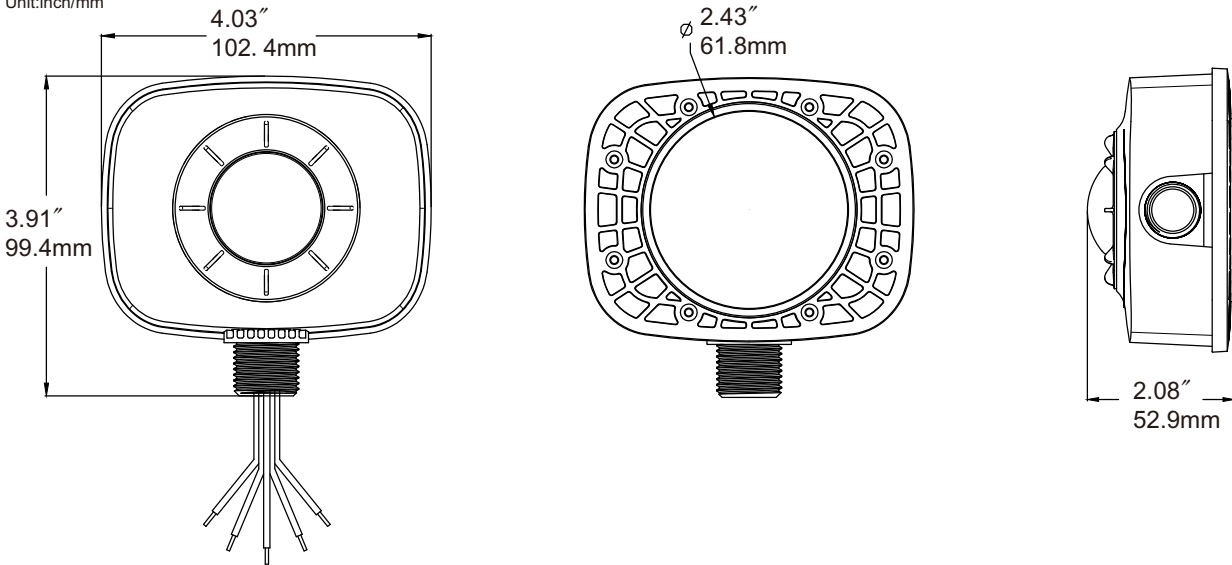
Wiring



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Dimensions

Unit: inch/mm



Lens Coverage

LENS EFSL1 2X Standard

Mounting Height	m (ft)	2.4 (8)	3.0 (10)	4.5 (15)	6.0 (20)
Max. Coverage Diameter	m (ft)	4.8 (16)	6.0 (20)	9.0 (30)	12.0 (40)

Top View

Side View

LENS EFSL2 1X High Bay

Mounting Height	m (ft)	9.0 (30)	11.0 (36)	13.0 (43)	15.0 (49)
Max. Coverage Diameter	m (ft)	9.0 (30)	11.0 (36)	13.0 (43)	15.0 (49)

Top View

Side View