



Venture Lighting sensor mounting kit not only includes an IP65 microwave sensor, it also includes all the necessary mounting accessories to mount to a VSolution LED highbay fixture. The sensor kit includes the wiring compartment and the mounting bracket and to mount directly to the fixture OR to a mount to a reflector.

Setting

By selecting the combination on the DIP switch, sensor data can be precisely set for each specific application.

Detection Area

ON		1	
I	ON	ON	100%
II	-	ON	50%

Detection area can be reduced by selecting the combination on the DIP switches to fit precisely each application.

Hold Time

ON		2	3	4
I	ON	ON	ON	5s
II	-	ON	ON	30s
III	ON	-	ON	90s
IV	-	-	ON	3min
V	ON	ON	-	20min
VI	-	-	-	30min

Refers to the time period the lamp remains at 100% illumination after no motion detected.

Overview

- Automatic dimming when used in combination with 1-10V dimmable LED drivers or ballasts.
- Built-in adjustable daylight sensor.
- Detection area, time delay and daylight threshold can be precisely set via DIP switch.
- Wide detection area, range up to 52.5 ft. in diameter and mounting height 50 ft. Max. suitable for warehouse use.

Since the sensor uses a high frequency of 5.8GHz, motion can be detected through plastic, glass, and thin non-metal materials.

Maximize energy savings by using the sensor in combination with 1-10V dimmable LED drivers, they can achieve 3-step dimming function, which is perfect for use in some areas that requires a light change notice before totally switch off.

Specifications

Operating voltage: 120~277Vac, 50Hz/60Hz
 Rated load: 400W@120Vac, 800W@220-277Vac
 High Frequency system: 5.8GHz±75MHz
 Power consumption: ≤0.8W(standby), <1.5W(operation)
 Detection zone: Max.: 52.5 ft diameter at 45 ft mounting height
 Detection sensitivity: 100% / 50%
 Hold time: 5s / 30s / 90s / 3min / 20min / 30min
 Daylight sensor: 50lux / 100lux / 200lux / Disable
 Stand-by period: 5s / 5min / 10min / 30min / 1h / +∞
 Stand-by dimming level: 10% / 20% / 30% / 50%
 Mounting height: 50 feet Max.
 Motion detection: 0.5~3m/s
 Detection angle: 360°(ceiling installation)
 Operating temperature: -35°C~70°C

Stand-by Period

ON		5	6	7
I	ON	ON	ON	+∞
II	-	ON	ON	60min
III	ON	-	ON	30min
IV	-	-	ON	10min
V	ON	ON	-	5min
VI	-	-	-	5s

Refers to the time period the lamp remains at a low light level before it completely switches off in the long absence of people. When set to Disable mode, the low light is maintained until motion is detected.

Stand-by Dimming Level

ON		8	9
I	ON	ON	50%
II	-	ON	30%
III	ON	-	20%
IV	-	-	10%

The low light level you would like to have after the hold time in the long absence of people.

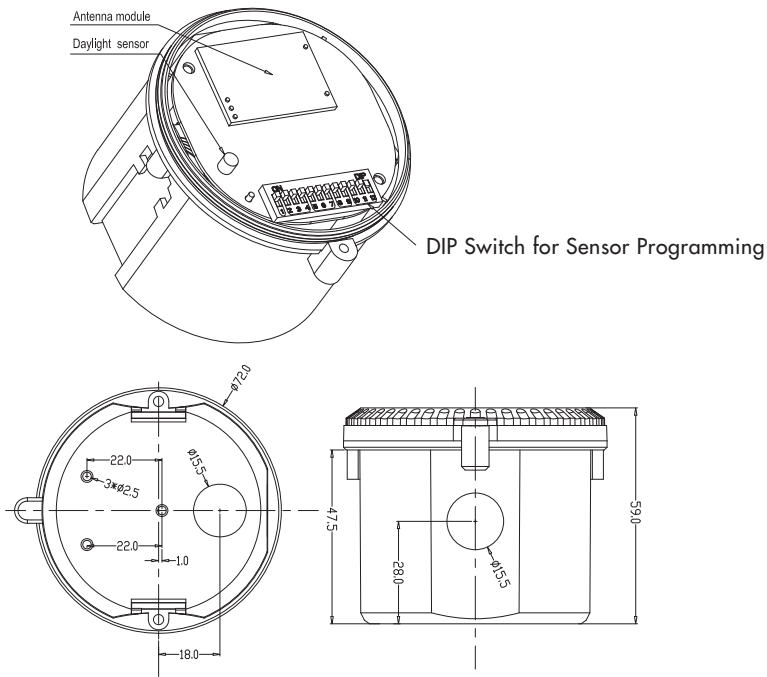
Daylight Sensor

ON		10	11	12
I	ON	ON	ON	Disable
II	-	ON	-	200lux
III	ON	-	-	100lux
IV	-	-	-	50lux

The sensor can be set to only allow the lamp to illuminate below a defined ambient brightness threshold. When set to Disable mode, the daylight sensor will switch on the lamp when motion is detected regardless of ambient light level. Note that daylight sensor is active only when lamp totally switches off.

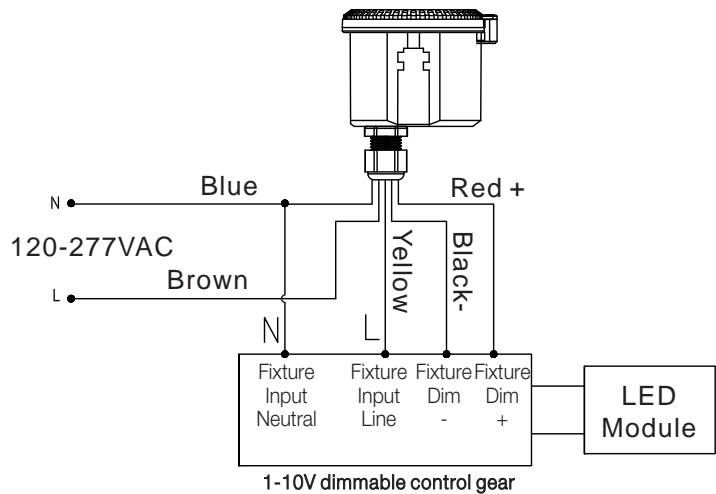
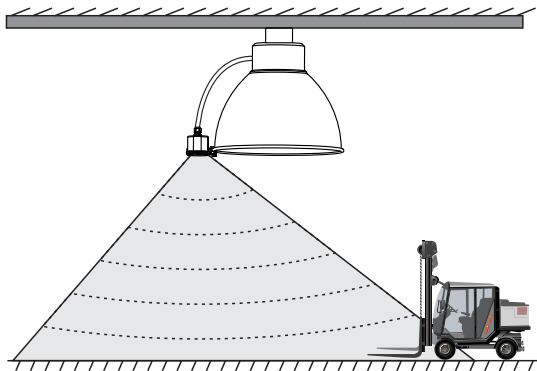
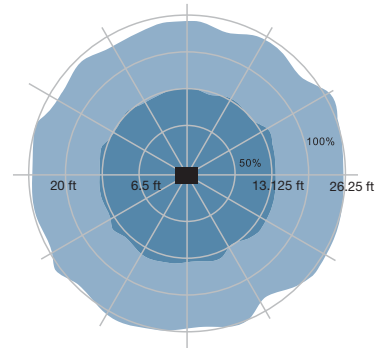
Venture Sensor Kit for VSolution Highbays

Dimensions



Detection Pattern

Ceiling mounting pattern (unit: ft.)



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