

BI-LEVEL & DAYLIGHT HARVEST - 88845

INSTALL INSTRUCTIONS

PLEASE FIND A QUALIFIED ELECTRICIAN FOR INSTALLATION. Please read the instructions before you install the sensor and use the luminaire.

GENERAL: ALL ELECTRICAL CONNECTIONS MUST BE IN ACCORDANCE WITH LOCAL AND NATIONAL ELECTRICAL CODE (N.E.C.) STANDARDS. IF YOU ARE UNFAMILIAR WITH PROPER ELECTRICAL WIRING CONNECTIONS OBTAIN THE SERVICES OF A QUALIFIED ELECTRICIAN. REMOVE FROM THE BOX AND MAKE SURE THAT NO PARTS ARE MISSING.

WARNING - Risk of fire or electric shock. Sensor installation requires knowledge of luminaire electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.

WARNING - Risk of fire or electric shock. Install this sensor only in luminaires that have the construction features and dimensions shown in the photographs and/or drawings and where the input rating of the sensor does not exceed the input rating of the luminaire.

WARNING - To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.

Risk of Electric Shock: Disconnect power or circuit breaker before installing or servicing.

Do not make or alter any open holes in an enclosure of wiring or electrical components during installation.

WARNING - NOTE: Warm up time is 15 seconds. After the sensor connects to input power for the first time, the light will stay on for 15 seconds, then go to dimming to work normally.

WARNING - NOTE: Once powering up the device, the sensor will use the factory default settings to operate. Factory Default Settings: Sensitivity set to 100%. Hold on time 10 seconds. Daylight sensor at 30 Lux. Dimming level at 30%. Dimming time at 60 minutes.

WARNING - NOTE: If any setting is changed with DIP Switch, the LED light will turn on/off as confirmation of change.

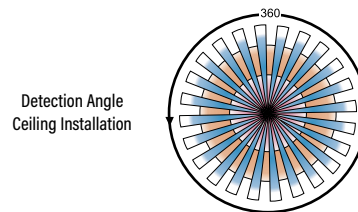
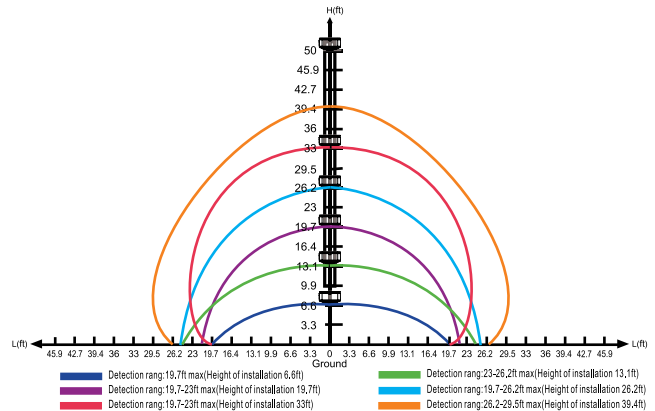
NOTE: The high-frequency output of this sensor is < 0.2mW, or about 1/5000th of the transmission power of a mobile phone or the output of a microwave oven.

CAUTION FOR YOUR SAFETY: IF YOU ARE UNSURE ABOUT ANY PART OF THESE INSTRUCTIONS, CONSULT A QUALIFIED ELECTRICIAN.

! WARNING DISCONNECT POWER BEFORE INSTALLING OR SERVICING.

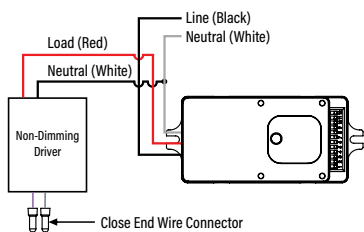
SENSOR INFORMATION

SPECIFICATIONS	
Power Load	120/277VAC 50/60Hz
Maximum Load @ -40° ~ 158°F	Resistive/Tungsten - 600W @ 120V Electronic Ballast (LED) - 800W @ 120V 1200W @ 277V
HF System	5.8GHz CW
Dim Control Output	0-10V, Max. 25mA Sinking Current
Detection Radius / Angle	Max 26ft / 360°
Mounting Height	Max 40ft
Humidity	Max. 95% RH
Temperature	-40° ~ 158°F

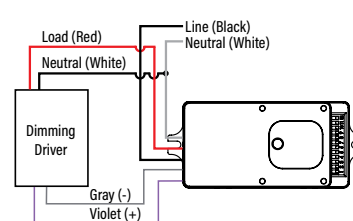


WIRING DIAGRAMS

NON-DIMMING DRIVER



DIMMING DRIVER



Specifications subject to change without notice. Photos and line drawings may not be to scale and are for general reference only.

BI-LEVEL & DAYLIGHT HARVEST - 88845

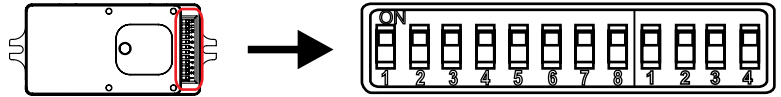
INSTALL INSTRUCTIONS

! WARNING DISCONNECT POWER BEFORE INSTALLING OR SERVICING.

PARAMETER SETTING BY DIP SWITCH

From left to right:

- Switches 1 and 2 set the detection sensitivity of the sensor.
- Switches 3, 4 and 5 set the hold time of the sensor.
- Switches 6, 7 and 8 set the stand-by time.
- Switches 1 and 2 set the light sensor control.
- Switches 3 and 4 set the stand-by light level.



OCCUPANCY SENSOR SETTINGS

Detection Range Setting (Sensitivity): Detection range is a term used to describe the circular radius of the detection zone produced on the ground after mounting the sensor at a height of 40ft. Flip switches 1 and 2 to the ON position as "▲", or to the OFF position as "▼", for adjusting detection sensitivity of the corresponding table, as shown in Fig. 1.

Hold Time Setting: The light can be set to stay ON for any period of time approximately between a minimum of 10 seconds and a maximum of 30 minutes. Any movement detected before this time has elapsed will re-start the timer. It is recommended to select the shortest time for adjusting the detection zone and for performing the walk test.

Flip switches 3, 4 and 5 to the ON position as "▲", or to the OFF position as "▼", for adjusting hold time of the corresponding table, as shown in Fig. 2.

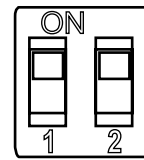
Stand-By Time Setting: Flip switches 6, 7 and 8 in the ON position as "▲", and the OFF position as "▼", for adjusting stand-by time setting, as shown in Fig. 3.

Light Sensor Setting: The chosen light response threshold ranges from approximately 10-50 lux. Flip right-side switches 1 and 2 to the ON position as "▲", or to the OFF position as "▼", for adjusting light-control of the corresponding table, as shown in Fig. 4.

Stand-By Light Level Setting: Flip right-side switches 3 and 4 in the ON position as "▲", and the OFF position as "▼", for adjusting stand-by level, as shown in Fig. 5.

Fig. 1

ON
↑
▼
OFF

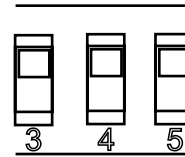


SENSITIVITY

1	2	
▼	▼	20%
▼	▲	50%
▲	▼	75%
▲	▲	100%

Fig. 2

ON
↑
▼
OFF

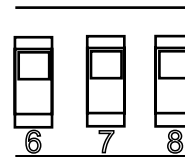


TIME

3	4	5	
▼	▼	▼	10 S
▼	▼	▲	1 Min
▲	▼	▲	5 Min
▲	▼	▼	15 Min
▲	▲	▼	30 Min

Fig. 3

ON
↑
▼
OFF

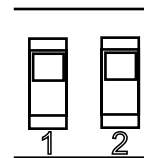


STAND-BY TIME

6	7	8	
▼	▼	▼	+ ∞
▼	▼	▲	1 Min
▼	▲	▼	5 Min
▲	▼	▼	15 Min
▲	▲	▼	60 Min

Fig. 4

ON
↑
▼
OFF

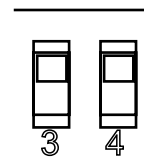


LIGHT

1	2	
▼	▼	☀ (light sensor disable)
▼	▲	10 Lux
▲	▼	30 Lux
▲	▲	50 Lux

Fig. 5

ON
↑
▼
OFF



STAND-BY LEVEL

3	4	
▼	▼	0%
▼	▲	10%
▲	▼	30%
▲	▲	50%