TPS

LED LUMINAIRE

ROUND HIGH BAY UFO

Screw-in installation of optional Microwave Sensor

TOPSTAR'S LED Round Highbay light is a design based on the idea of green energy. The Luminaire accepts 120-277VAC 50/60Hz, and have the high lumen efficiency up to 145lm/W. With well-distributed and soft light, high stability, long life, elegant and extremely professional design, this Luminaries is regarded as the leading of green Lighting for commercial and industrial high bay lighting applications.

- UL, DLC 5.1 Premium Listed
- High system efficacy up to 145 LPW
- Ribbed lens to reduce glare
- THD <20%, PF>0.9, Ra 80, Flicker Free
- Extra long lifetime L70>50,000 hr @ 25°C/77°F ambient fixture temperature
- Wide beam angle, 110 degrees(M3 and M2 versions) and 90 degrees (M1 version)
- Sensor socket ready, or can be rewired to make the lamp 0-10V Dimmable, can dim to 10%
- Powder-coated aluminum housing provides excellent heat sink performance
- Ambient temperatures rated for -40°C to 40°C
- Designed to accept easy screw-in installation of Topstar optional occupancy sensor
- Suitable for wet locations, IP65
- 6' cord for input wires, hook mounting accessory included
- 5 Years' warranty ***

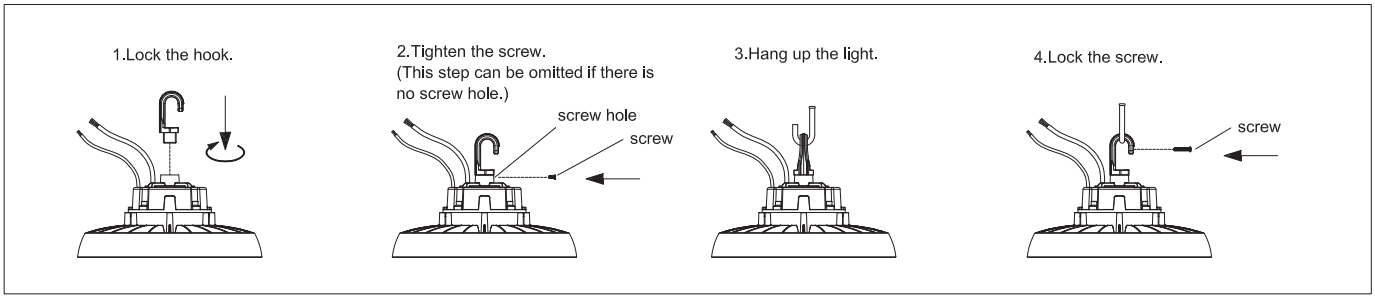
	Ordering Code *	Watt(W)	Initial Lumen **	CRI	Color Temp	Rated Average life	Dimension D x H(in)	Dimmable
	UFO-850-100P-M1-NFD	100	15000	82	4000K/5000K	50,000	10.22x7.30	Y
	UFO-850-150P-M1-NFD	150	20500	82	4000K/5000K	50,000	11.37x7.76	Y
	UFO-850-200P-M1-NFD	200	29000	82	4000K/5000K	50,000	13.10x7.95	Y
	UFO-850-240P-M1-NFD	240	34500	82	4000K/5000K	50,000	13.10x7.95	Y
	UFO-850-150P-M2-NFD	150	23000	82	4000K/5000K	50,000	11.80x7.25	Y
****	UFO-8DC-150PS-M3-NFD	100/125/150	20830	82	4000K & 5000K	50,000	10.43x7.15	Y

* Where YY means 40-50 which indicates color temperature
** Initial Lumen above is @ 5000K
*** Warranty term details refer to "Topstar Warranty" Letter
**** Wattage Selectable and CCT Selectable

Installation Guide

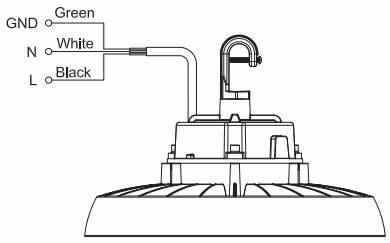
Always turn off the power supply from main circuit breaker first!

- Take out the new LED fixture from packaging. Handle new LED fixture with care.



Wiring connection

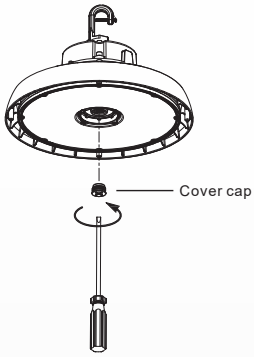
Turn off the power,connect AC wire.
black wire to L,white wire to N,and green wire to E.



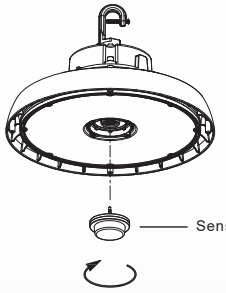
UFO HIGH BAY

Screw in sensor installation manual

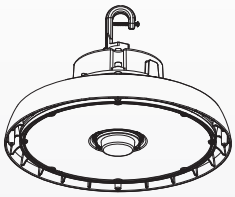
1. Take out cover cap.



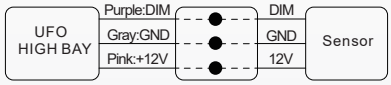
2. Screw in sensor



3. Finished installation.



Wiring Diagram



Optional Sensor Introduction

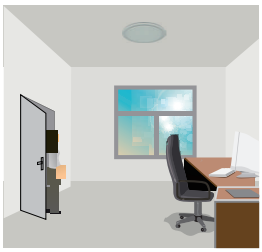
The motion sensor dims lighting from high to low based on movement. This slim, low-profile sensor is designed for installation inside the bottom of a light fixture body.
The sensors use microwave sensing technology that reacts to changes in movement within the coverage area. Once the sensor stops detecting movement and the time delay elapses lights will go from high to low mode and eventually to an OFF position if it is desired. Sensors must directly “see” motion of a person or moving object to detect them, so careful consideration must be given to sensor luminaire placement and lens selection. Avoid placing the sensor where obstructions may block the sensor’s line of sight.

⚠ WARNING

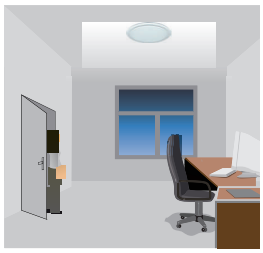
NOTE: Warm up time is 15seconds. After the sensor connects input power first time, the light will keep on 15seconds, then go to dimming to work normally.
NOTE: Factory Default Setting: 100% sensitivity, Hold on time: 5min, Daylight sensor is ☼ , Dimming level:30%, Dimming time: 30minitues.
NOTE: Any setting changed by remote control, the led light that sensor connect will on/off as confirm.

CORRIDOR FUNCTION

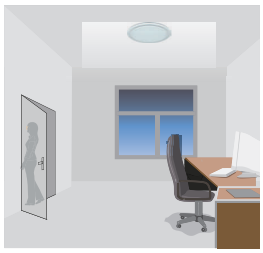
This function inside the motion sensor to achieve tri-level control, for some areas which require a light chang notice before switch-off. The sensor offers 3 levels of light: 100%-->dimmed light (natural light is insufficient) -->off; and 2 periods of selectable waiting time: motion hold-time and stand-by period; Selectable daylight threshold and freedom of detection area.



With suffcient natural light, the light does not switch on when presence is detected.



With insufficient natural light, the sensor switches on the light automatically when presence is detected.



After hold-time, the light dims to stand-by level if the surrounding natural light is below the daylight threshold.

Light switches off automatically after the stand-by period elapses.

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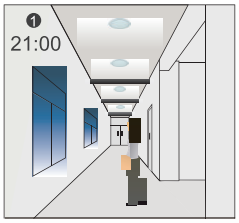
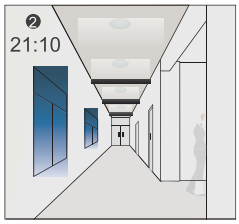
DAYLIGHT SENSOR FUNCTION

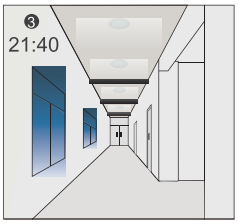
Open the daylight sensor by push ⏻ when remote control is in setting condition.



The light switches on at 100% when there is movement detected.



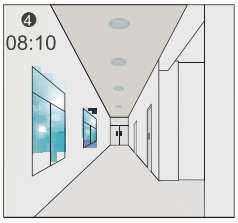
The light dims to stand-by level after the hold-time.



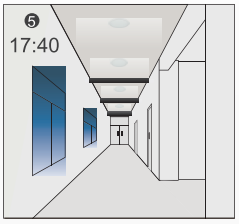
The light remains in dimming level at night.

Settings on this demonstration:
Hold-time: 30min
Setpoint on:50lux
Setpoint off:300lux
Stand-by Dim: 10%
Stand-by period: +∞
(when the smart photocell sensor open, the stand-by time is only +∞)

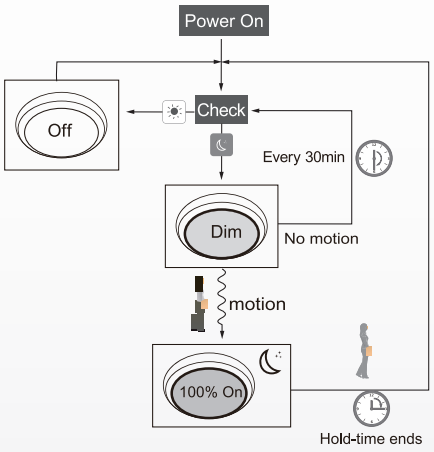
❶ ⇄ ❸ goes in cycle at night…
100% on when movement detected, and dims to 10% in long absence.



When the natural light level exceeds setpoint off to light,the light will turn off even if when the space is occupied.



The light automatically turns on at 10% when natural light is insuffcient (no motion).



SENSOR COVERAGE