



FEATURES

- Automatic ON/OFF control with Daylight sensor.
- Optional detection range, hold time and daylight threshold .
- The CCT setting can be adjusted via the CCT button on the remote control.
- Application: Panel, Troffer, Strip, Wrap.
- 5 year limited warranty.



On/Off
Control



Detection
Area



Daylight
Sensor



Hold Time



IP Rating

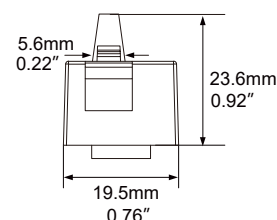
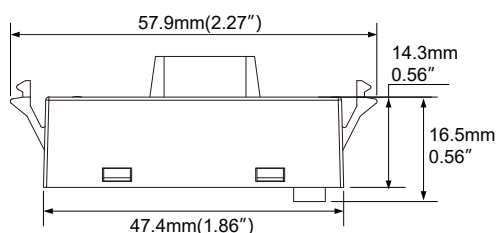
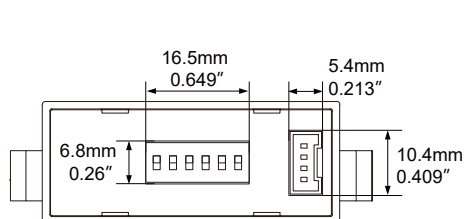


Warranty

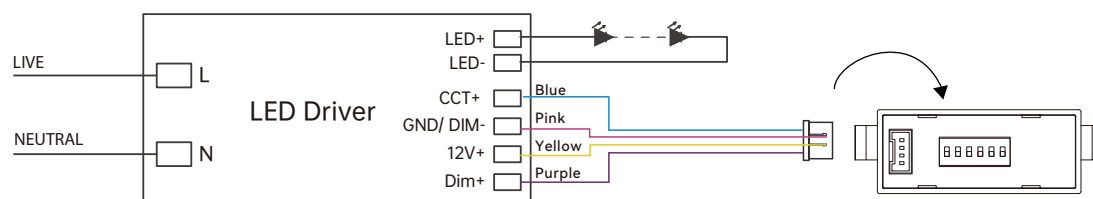
SPECIFICATIONS

Input Voltage	DC 10-15V
Input Current	<30mA
Load Control Capacity	Sink Current < 40 mA
Control Method	0-10V / CCT
Frequency	5.8 GHz ±75 MHz
Microwave Powe	<0.3mW
Detection Angle	Ceiling Mounted 360° Wall Mounted 150°
Mounting Height	Standard 3m (9 ft) Max.4.5m(14.7 ft)
Detection Range	Radius: 4m (13 ft)
Control Device	Remote Control #HD06R(Purchase Separately) & Manual Switches
Detection Area	Remote Control: 25% / 50% / 75% / 100% Manual Switches: 50% / 100%
Hold Time	Remote Control: 5s / 30s / 1min / 3min / 5min / 10min / 20min / 30min Manual Switches: 5s / 5min
Daylight Threshold	Remote Control: Disable / 2Lux / 10Lux / 30Lux / 50Lux / 80Lux / 120Lux / 200Lux / 250Lux / 300Lux / 350Lux / 400Lux Manual Switches: Disable / 50Lux
Standby Period	Remote Control: 0s / 10s / 30s / 1min / 5min / 10min / 30min / +∞ Manual Switches: 0s / 1min
Standby Dimming Level	Remote Control: 10% / 20% / 30% / 50% / 100% Manual Switches: 10% / 30%
CCT Function	Settings via remote control CCT button: 2700K/3500K/4000K/5000K/5700K/6500K
Working Temp	-35℃ to +70℃
IP Rating	IP20
Warranty	5 Years

DIMENSIONS



WIRING

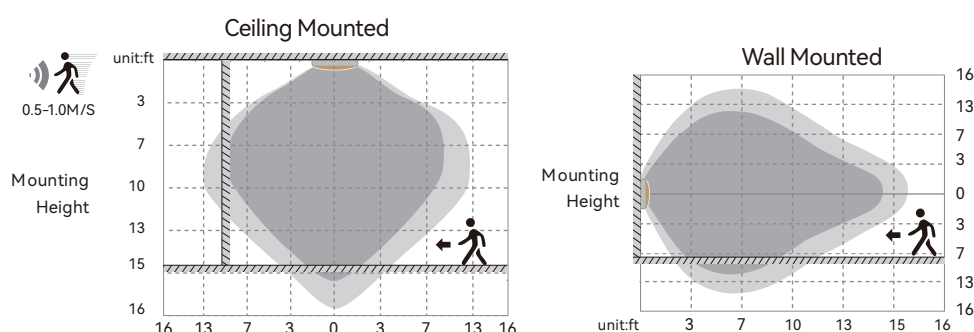


DETECTION COVERAGE

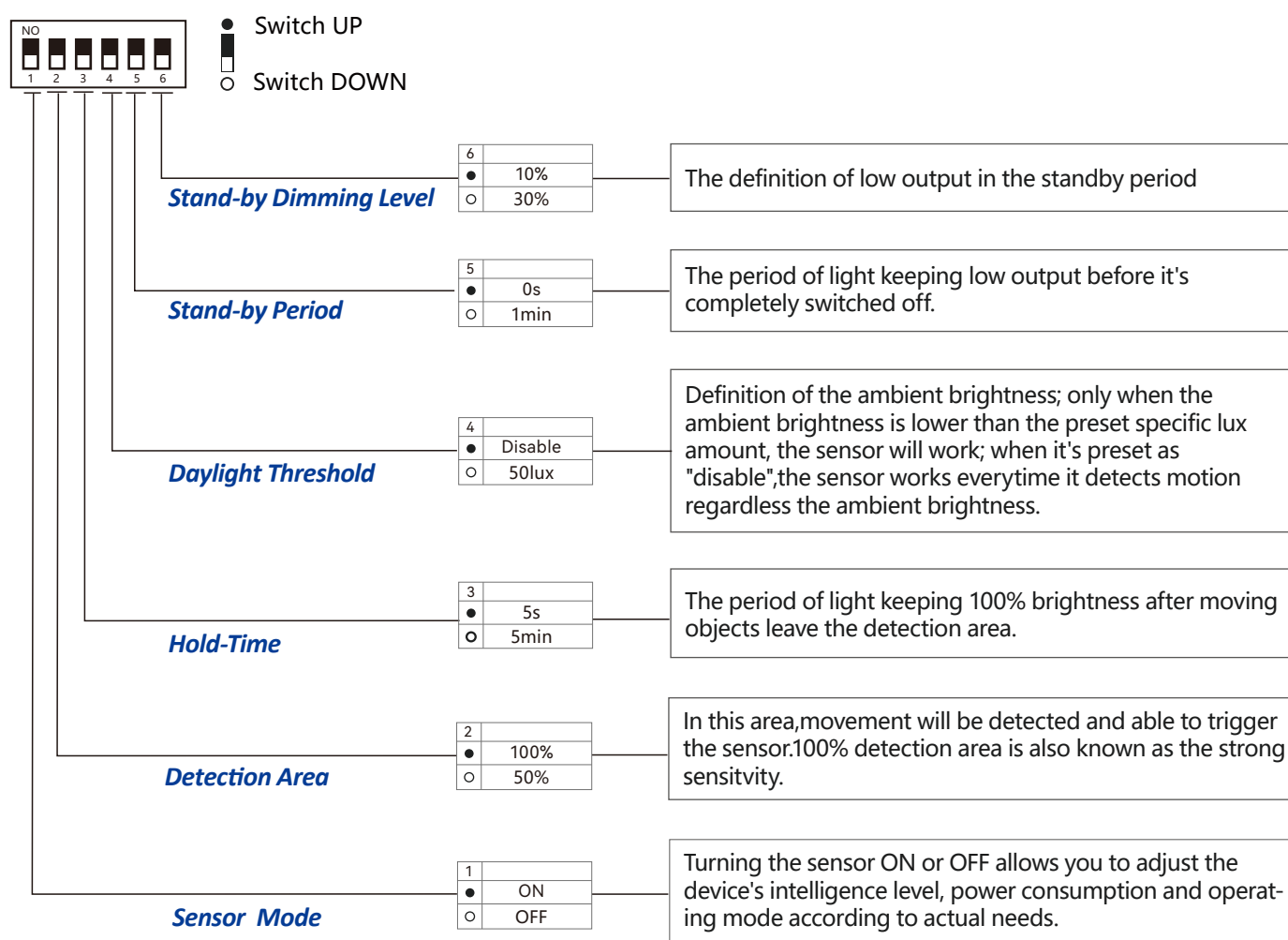
Highest mounting height is
Max.4.5m(14.7 ft)

This figure indicates the maximum
distance at the highest mounting
height with 100% sensitivity.

- Well Detected Area
- Possibly Detected Area

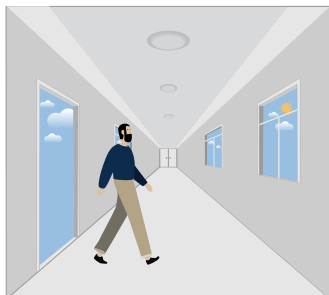


DETECTION COVERAGE

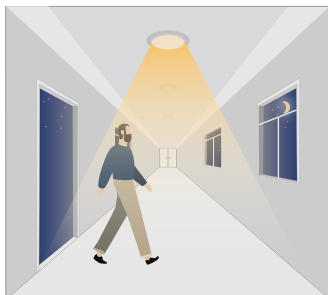


PERFORMANCE

1. Automatically ON/OFF function



With sufficient daylight, even when motion detected, light remains OFF.

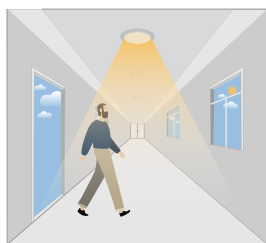


With insufficient daylight, the sensor turns light ON when motion gets detected.

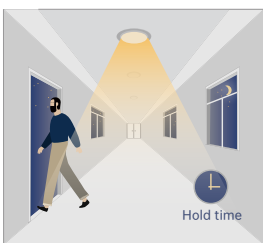


The sensor turns OFF light automatically after the holdtime when there's no motion detected.

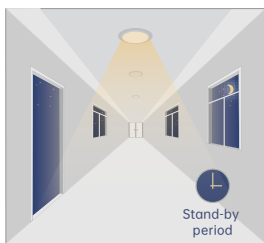
2. Without daylight disabled



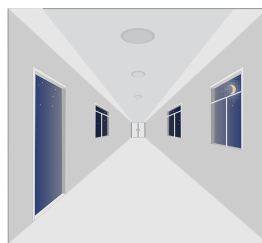
Sensor turns ON light when motion is detected.



Sensor keeps for a hold time period after motion leaves

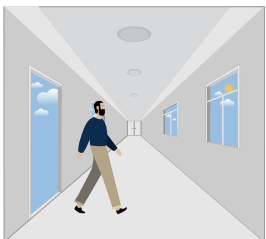


Sensor dims light to standby dimming level after hold time if there is still no motion

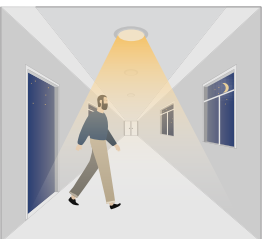


Sensor turns OFF light after standby period

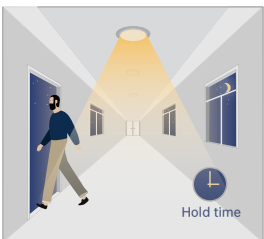
3. With Daylight Threshold



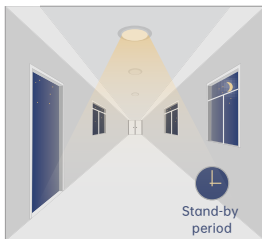
With sufficient daylight, the sensor keeps light OFF even motion gets detected



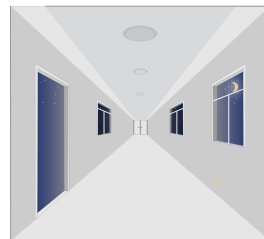
With insufficient daylight, the sensor turns light ON when motion gets detected



After there's no motion detected, the sensor keeps light ON 100% for holdtime.



After holdtime, sensor dims light to standby dimming level for standby period. if the standby period has been set as 0s, sensor turns light OFF automatically after holdtime.



The sensor turns OFF light automatically after the standby period when there's no motion detected.

FACTORY SETTING

1. Detection Area: 100%
2. Holdtime: 5S
3. Daylight Threshold: Disable
4. Standby Period: 0S
5. Standby Dimming Level: 10%



Attention

1. The sensor should be installed by qualified electrician and ensure power is OFF before installation.
2. Please read the instruction carefully before using the product and keep it well for other users to read any time.
3. We reserve the right to modify any incorrect text, image and technical parameters.
4. Any unauthorized modification is forbidden. Otherwise all guarantees will be immediately invalid.
5. Product could be optimized without prior notice.

DETECTION COVERAGE

1. Suitable for indoor application, half/completely outdoor environment conditions might be captured as moving signals to trigger the sensor.
2. Suitable for ceiling mount installation, adjust sensitivity properly if it's installed on side-wall because it gets more sensitive.
3. Adjust sensitivity properly when the sensor is applied in small/narrow/metal-built/with metal spaces.
4. Microwave sensor can't be placed under/inside metal shell; Microwave module must directly face the detection area with edge lower than light fixture.
5. Keep the sensor away from vibration equipments, air-conditioning outlets, smoke extractors alike conditions to avoid unwanted trigger.
6. Keep the sensor module away from AC input and DC output to avoid high/low frequency signal interference.
7. At least 2m/6.5ft distance between microwave sensors; 1.5m/4.9ft between the sensor and other wireless devices such as routers to avoid possible radio interference.
8. Daylight testing delivered in bright day without shadow or specially designed lampshade or lens.
9. Dimming performance differs when connected to different drivers; If the driver can't completely turn OFF, sensor can't either.
10. Input power voltage must be stable with float less than 10%.
11. The first time powered ON sensor, light will be ON 100% for about 10S then dims to standby level or OFF.
12. Distance detection is delivered by testing person about 165cm in open area as reference, the result differs by size and speed of moving objects, mounting height and real-life situation.