

- Microwave Sensor for max 15M Height.
- Bi-level Dimmable, Daylight Priority.
- Remote Control.



To match with Zhaga 18 Base

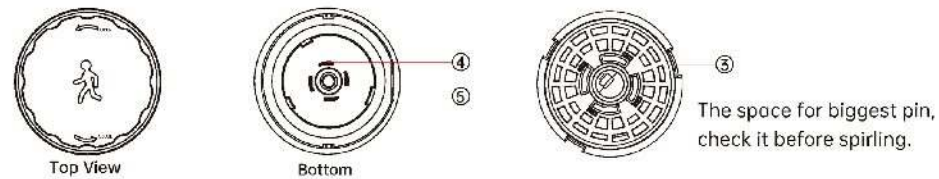
Parameters

Frequency	5.8GHz~75MHz
Microwave Power	<0.3mW
Detection Area	25%/50%/75%/100%
Holdtime	5s/30s/1min/3min/5min/10min/20min/30min
Daylight Threshold	2Lux/10Lux/30Lux/50Lux/80Lux/120Lux/200Lux/250Lux/300Lux/350Lux/400Lux/Disable
Standby Dimming Level	10%/20%/30%/50%
Standby Period	0s/10s/30s/1min/5min/10min/30min/60min/+∞
Control	Standard Partner HD06R, the LCD screen display remote (purchase separately)
Dimming Play	Manually dim 10%~100% in ON/OFF mode, 60%~100% in sensor mode
Daylight Harvesting Function	1. Stay in SENSOR MODE 2. STANDBY PERIOD as 0S 3. DAYLIGHT as any of 50LUX, 80LUX, 120LUX, 200LUX, 250LUX, 300LUX, 350LUX, 400LUX. 4. Press DAYLIGHT HARVESTING button to ON
Installation Height	Max.15m/49.21ft Ceiling Mounted
Detection Distance	Max,ø16m/52.49ft Ceiling Mounted
Detection Angle	30°-150° Without Glass Cover
Warranty	5 Years
Input Range	10.5-15V DC
Signal	DIM 0-10V
Stand-by Power	<30mA Power Consumption
Connection	Zhaga Receptacle
Storage Temp	-20°C~+60°C
Environmental Requirements	In accordance with CE ROHS
IP Rating	IP65

Default Settings

Detection Area: 100% / Holdtime: 3min / Daylight Threshold: Disable / Standby Period: 50% / Standby Dimming Level: 5min

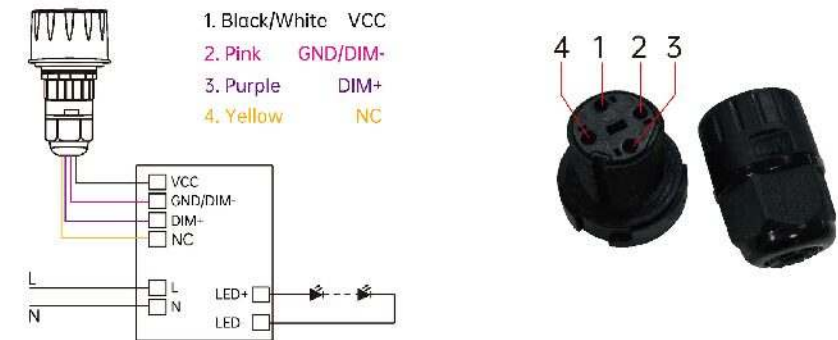
Mechanical structure



Installation



Wiring Diagram



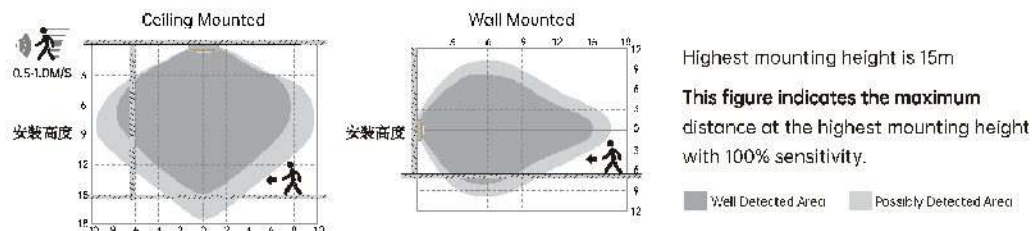
Supplied by INFRONT TECHNOLOGIES

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For more information call or email — Australia-wide sales, technical support and warranty service.

Detection Patterns

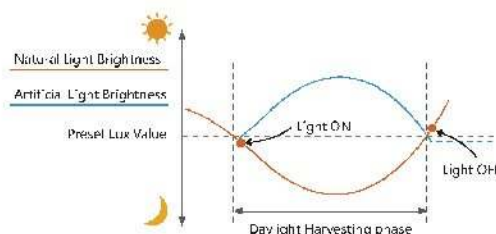


Performance

1. Daylight Harvesting

Please follow below setting steps to perform this function:

1. Stay in SENSOR MODE
2. STANDBY PERIOD as 0S
3. DAYLIGHT as any of 50LUX, 80LUX, 120LUX, 200LUX, 250LUX, 300LUX, 350LUX, 400LUX.
4. Press DAYLIGHT HARVESTING button to ON



When ambient brightness is over than preset lux level, sensor will turn on light automatically



Light OFF when ambient brightness becomes higher than the preset lux level.

2. 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.

3. Daylight Disable

When daylight threshold is preset as "disable", the sensor turns light ON when motion gets detected, and OFF after holdtime.



The sensor turns light ON when motion gets detected.



The sensor keeps light ON for holdtime period of long motion leaves.



The sensor turns OFF light automatically after the holdtime.

4. Corridor Function, Bi-level Dimmable



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.



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



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.

APPLICATION NOTES

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.