

Date:	Type:
Project Name:	Part Number:

RENO-LHB-SENSOR Model #R39407

FEATURES

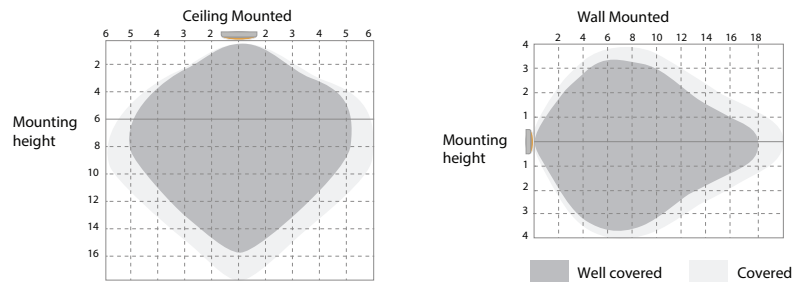
- Automatic On/off control with Daylight sensor
- Optional detection range, holdtime, daylight threshold, Stand-by period and Stand-by dimming level
- Remote control setting
- 5 year warranty



Detection coverage

Typical installation height 15m

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

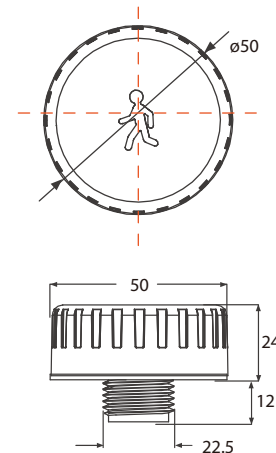


Technical data

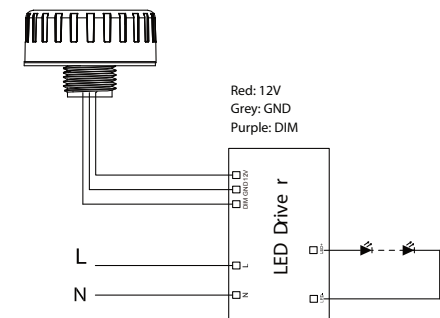
Operating voltage	10-15VDC
Operating current	30mA±5%
Output	DIM 0-10V
Stand-by power	≤0.5W
Detection area	25%/50%/75%/100%
Hold time	5s/30s/1min/3min/5min/10min/20min/30min
Daylight threshold	2Lux/10Lux/30Lux/50Lux/80Lux/120Lux/Disable
Stand-by period	0s/10s/30s/1min/5min/10min/30min/+∞
Stand-by dimming level	10%/20%/30%/50%
Microwave frequency	5.8GHz±75MHz
Microwave power	<0.3mW
Mounting height	15m/49.2ft (ceiling mounted)
Detection range	Max,ø14m/45.92ft (ceiling mounted)
Operating temperature	-20°C~+60°C
Motion detection	0.5~1.5m/s
IP rating	IP65
Warranty	5 years

Factory Default Setting: Detection area 100%/ Hold time 5s/ Daylight threshold Disable/Stand-by period 0s/Stand-by dimming level 10%.

Dimensions (Unit: mm)

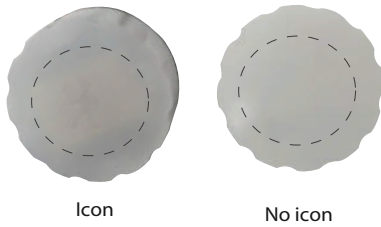


Wiring diagram

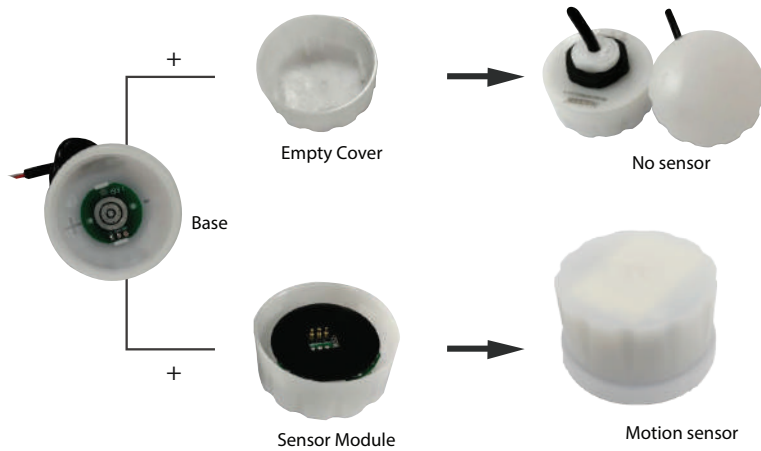


Date:	Type:
Project Name:	Part Number:

Plug & Play



The cover with humanoid icon indicates there is built-in microwave module with sensor function; The cover without humanoid icon indicates there is no built-in module as well as sensor function.



The bottom part will be always on the lighting fixtures; if the function is needed, the module will be placed inside; if no function needed, the module will be removed. It doesn't hurt the looking of the whole pack.



No sensor



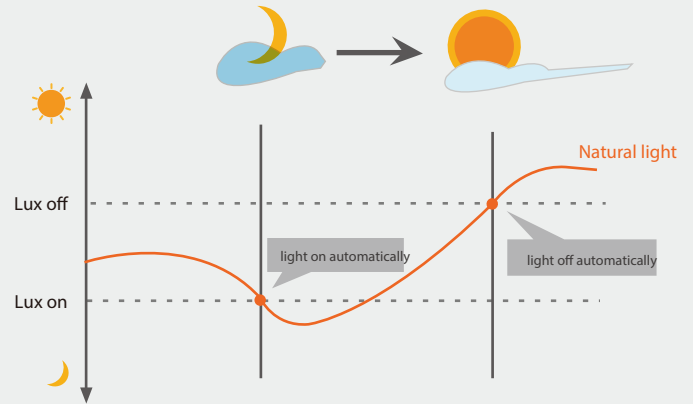
Motion sensor

Daylight Priority

Dusk/Dawn sensor:
Dual-PD technology brings a fully automatic dusk/dawn sensor which can tell the difference between natural light and LED light, to ensure the light will be off when needed.

With Daylight priority function, HD06VCRH 3 is able to differentiate artificial light brightness from natural light after installed inside the fixture, and automatically turn off light when ambient brightness exceeds preset lux level.

- Precondition of Daylight priority:
1. Standby period is $+\infty$;
 2. Standby dimming level is on 10%, 20% or 30%;
 3. Daylight threshold is on 30Lux, 50Lux, 80Lux or 120Lux.



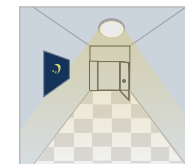
Application Daylight priority



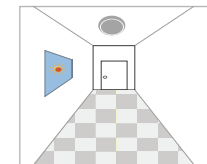
Light automatically on when ambient brightness is lower than preset lux level.



With insufficient ambient brightness, light dims to 100% when motion detected.



Light dims to standby level if no motion detected after holdtime.

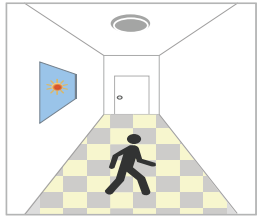


Light off when ambient lux level is higher than preset lux amount.

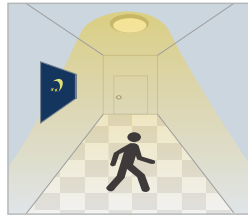
Date:	Type:
Project Name:	Part Number:

1. Automatically ON/OFF function:

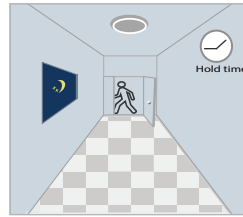
Light on when detect movement and off after people leave at night. Applications: Corridor, Staircase.



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



With insufficient daylight, when motion detected, light ON.



After the last detection and the present hold time elapsed, light OFF.

2. No daylight function

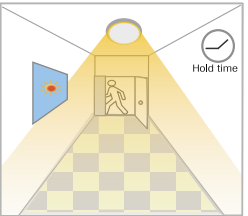
The daylight threshold is set to "Disable".

Light on when detect movement, After people leave, Light off after stand-by period

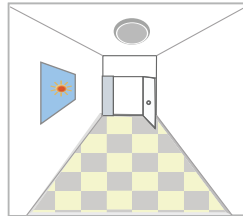
Applications: Dim places such as Basement Parking, Underpass.



When motion is detected, the sensor will switch on the light to 100% brightness.

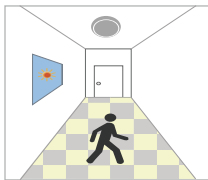


After people leave the detection area, light remains 100% brightness within hold time.



After the last detection and the present hold time elapsed, light OFF.

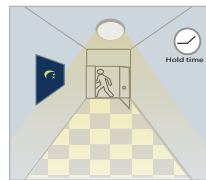
3. Function Demo - Dimmable control/Corridor function



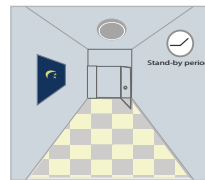
With sufficient daylight, even when motion detected, light remains OFF.



With insufficient daylight, when motion detected, light ON.



After last detection, the light will be dimmed down to the stand-by dimming level (10%,20%,30% or 50%) after holdtime.



After the stand-by period, light OFF.

Installation Method

