

Dimmable PIR Sensor RENO-SENSOR-PIR-H

- 12VDC Input • Special Design With Tiny Sensor Body
- Bi-level Dimmable, ON/OFF • Suitable for troffer indoor lighting fixtures
- Remote Control Programming



On/Off Control



Detection Area



Stand-by dimming level



Hold Time

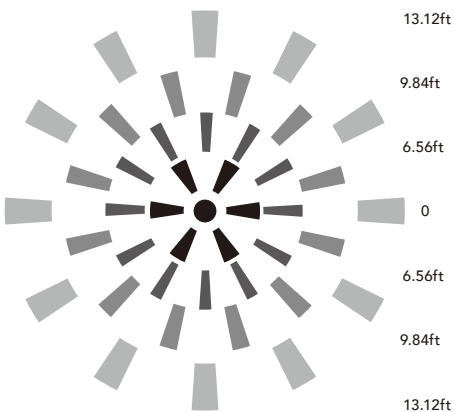


Daylight Harvesting

Technical Data

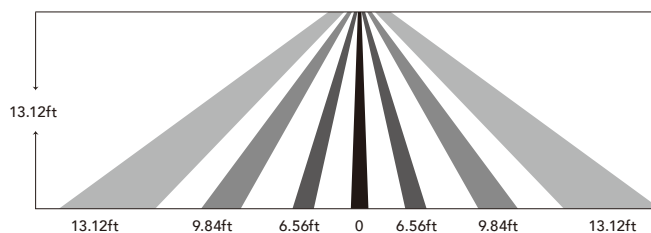
Operating Voltage 10.5-15V DC	Detection Area 25%/50%/75%/100%	PIR Wave Length 5-14um
Operating Current <15mA	Holdtime 5s/30s/1min/3min/5min/10min/20min/30min	PIR Sensitivity 3200V/W
Warm-up Period 10s	Stand-by period 0s/10s/30s/1min/5min/10min/30min/60min/+ ∞	Peak Output Signal ≥3500mV
Control ON/OFF,0-10V DIM	Stand-by dimming level 10%/20%/30%/50%	Mounting Height ≤4m/13.12ft
Detection Angle With Fresnel Lens<120°	Daylight Sensor Disable/400Lux/350Lux/300Lux/250Lux/200Lux/ 120Lux/80Lux/50Lux/30Lux/10Lux/2Lux	Detection Range Radius.2-4m/6.56-13.12ft
Programming Remote HB01R	Operating Temperature -40°C ~+60°C	IP Rating IP20

Detection Patterns

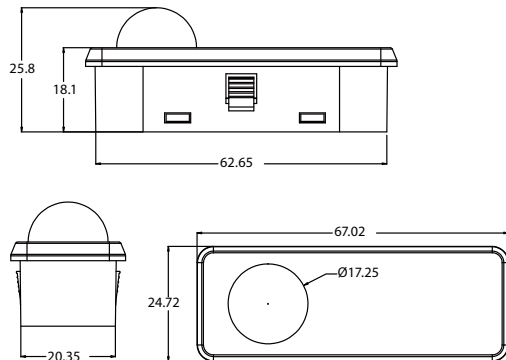


Mounting Height
≤4m/13.12ft Ceiling Mounted

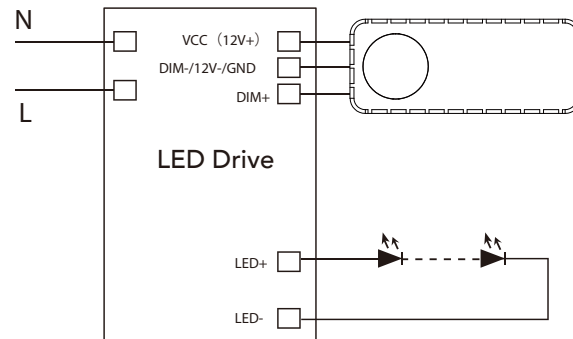
Detection Range
Radius.2-4m/6.56-13.12ft



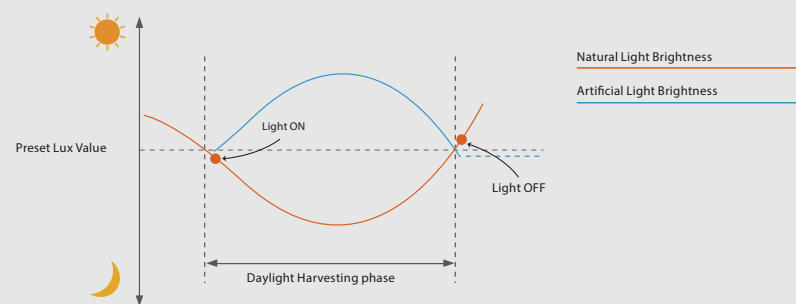
Unit:mm



Wiring Diagram



Daylight Harvesting



Application of Daylight Harvesting



When ambient brightness is lower than preset lux level, sensor will turn on light automatically and keep dimming according to the change of the ambient brightness; when outside is getting darker, the inside will be brighter, and brighter darker.

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



Attention

1. Please read the instructions carefully before using this product and keep it well for all users to read at any time.
2. The sensor should be installed by qualified electrician and ensure power is off before the installation.
3. We reserve the right to modify any incorrect text, image and necessary technical parameters.
4. Any unauthorized modification is forbidden, otherwise all guarantees will be immediately invalid.

Installation precautions

1. Turn the power off at the circuit breaker before installing the sensor.
2. Do not allow bare wires to show.
3. Assemble any necessary mounting accessories.
4. Have the sensor's lens lower than edge of the fixture and keep the sensor away from heating part.

Application Environment

1. Do not mount it outdoor, in case the outdoor temperature disturbs it.
2. Do not have it at places with suddenly changed temperature or airflow.
3. Do not have shelves between sensor to the presence area.