

PIR DIMMING SENSOR

ORDER# : R74001
MODEL # : RENO-SENSOR-PIR-H

THIS DIMMABLE PIR SENSOR IS SUITABLE FOR USE WITH THE PRISM SERIES ARCHITECTURAL TROFFERS CONTROLLED WITH RENO-REMOTE-H



-  On/Off Control
-  Detection Area
-  Stand-by dimming level
-  Hold Time
-  Daylight Harvesting

FEATURES

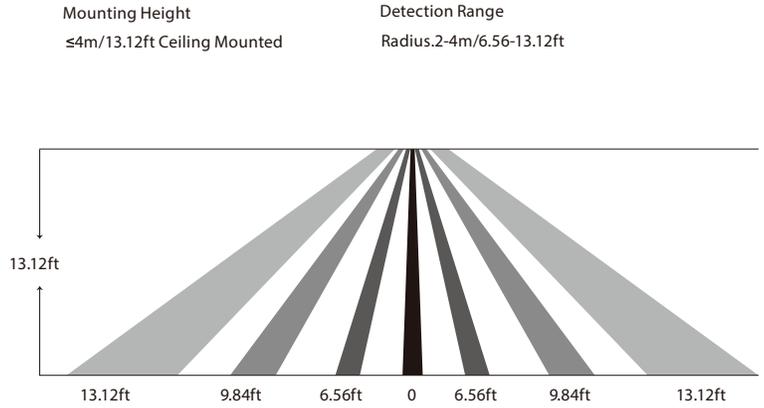
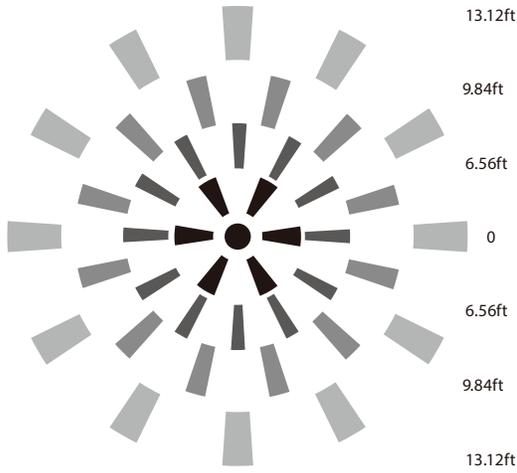
- 12VDC Input
- Special Design With Tiny Sensor Body
- Bi-level Dimmable, ON/OFF
- Suitable for troffer indoor lighting fixtures
- Remote Control Programming

SPECIFICATION

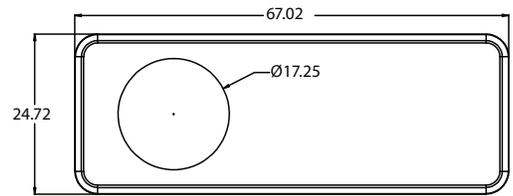
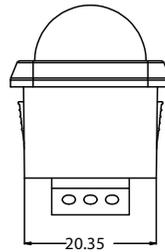
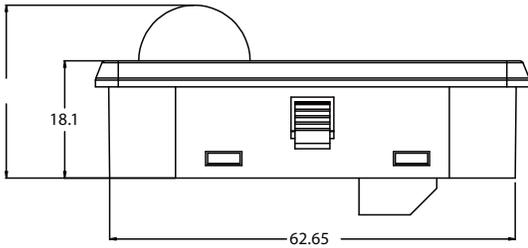
Operating Voltage 10.5-15V DC	Detection Area 25%/50%/75%/100%	PIR Wave Length 5-14um
Operating Current <15mA	Holdtime 5s/30s/1min/3min/5min/10min/20min/30min	PIR Sensitivity 3200V/W
Warm-up Period 10s	Stand-by period 0s/10s/30s/1min/5min/10min/30min/60min/+	Peak Output Signal ≥3500mV
Control ON/OFF,0-10V 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

Date:	Type:
Project Name:	Part Number:

DETECTION PATTERNS

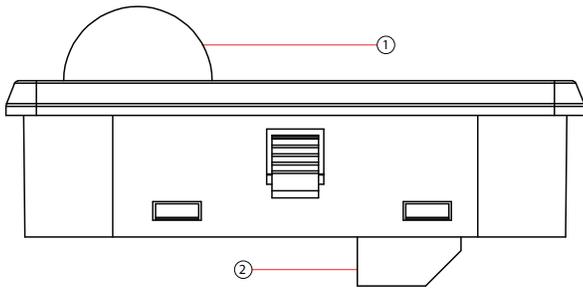


Unit:mm



WIRING DIAGRAM

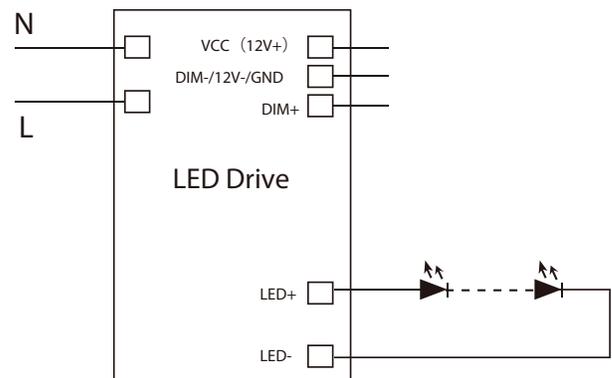
Mechanical structure



① Fresnel Lens

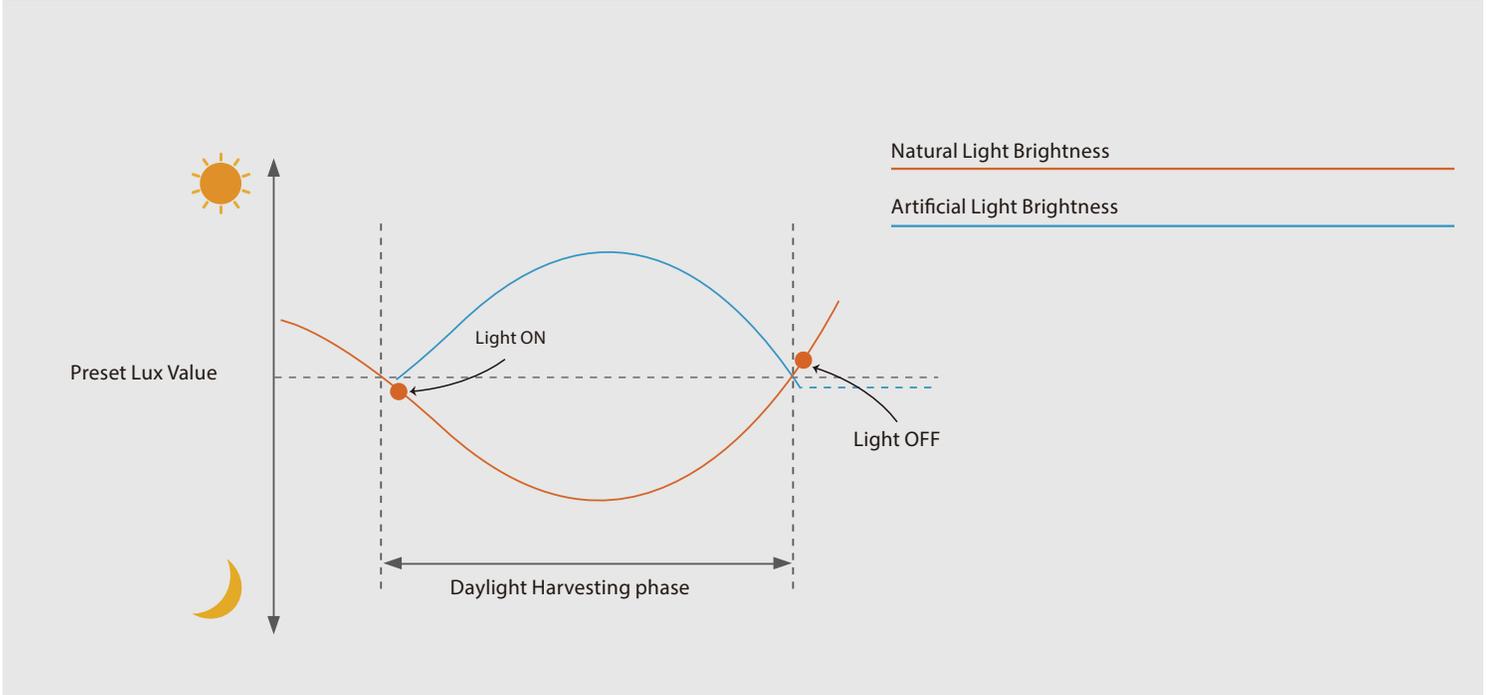
② Quick Connector

Wiring Diagram



Date:	Type:
Project Name:	Part Number:

DAYLIGHT HARVESTING



PERFORMANCE

1. Automatically ON/OFF function



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



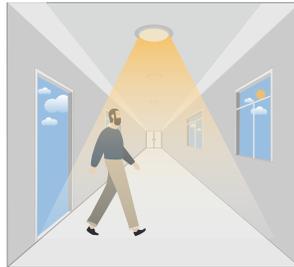
With insufficient daylight, the sensor turns light ON when motion gets detected.



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

2. Daylight Disable

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



The sensor turns light ON when motion gets detected.



The sensor keeps light ON for holdtime period after motion leaves.



The sensor turns OFF light automatically after the holdtime.

3. Corridor Function, Bi-level Dimmable



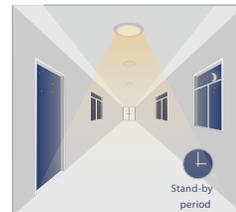
With sufficient daylight, the sensor keeps light OFF even motion gets detected.



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.