ETi SOLID STATE LIGHTING INC.

DATE:	PROJECT:
TYPE:	NOTES:
CATALOG #:	

ERHB | Occupancy Sensor

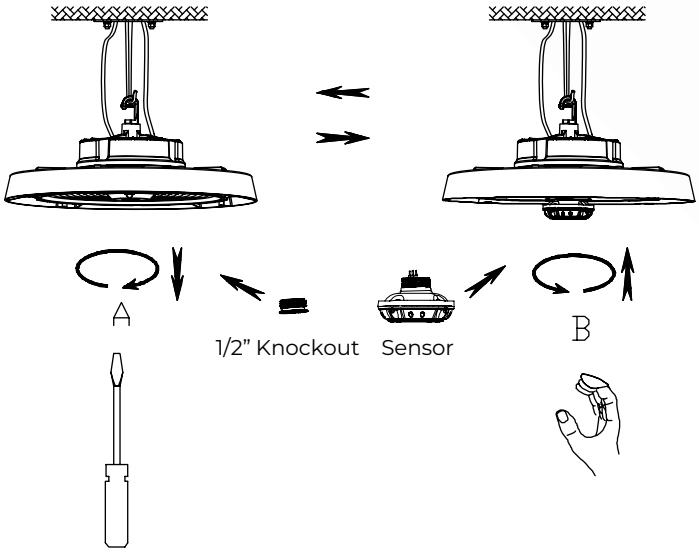
FOR USE WITH ERHB ROUND HIGH BAY

Dual PD | 15M High Bay

KEY FEATURES

ETi SSL's ERHB Occupancy Sensor is a bi-level Motion Sensor w/ Daylight Harvesting that easily installs into our ERHB High Bays.

Easy Install
Simply remove 1/2" knockout then twist in the sensor. Sensor is set to Universal Mode. Setting is programmable using the remote control (sold separately).

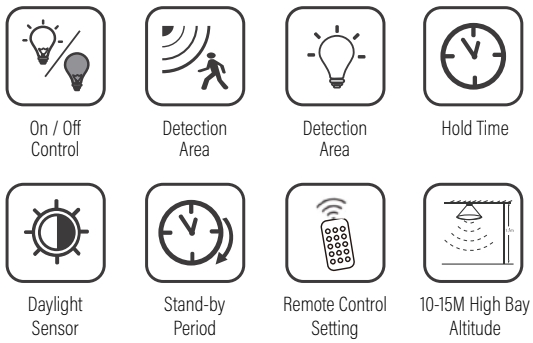


TECHNICAL DATA

Operating voltage	12±2V DC
Operating current	30mA
Output	DIM 0-10V
Stand-by power	<0.5W
Brightness	0%-100% Quick setting: 70%/80%/90%/100%
Sensitivity	20% | 50% | 75% | 100%
Hold time	1 0s | 1 min | 10 min | 30 min
Daylight threshold	10 | 30 | 50 | 100 Lux / Disable
Stand-by time	1 | 30 | 60 Minutes | +
Stand-by dimming level	10% | 20% | 30% | 50%
Microwave frequency	5.8GHz±75MHz
Microwave power	<0.5mW
Detection angle	150° (wall mounted) 360° (ceiling
Control line	Pink:+12V; Purple:DIM+; Gray: GND/DIM
Mounting height	Max.15m (ceiling mounted)
Detection range	Max.015m (ceiling mounted) Max.20m
Operating temperature	-30°C-+60°C
IP rating	IP65

Default Settings:
Brightness: 100% | **Hold Time:** 1 min. | **Stand-by Dimming Level:** 20%
Stand-by Time: 1 min. | **Sensitivity** 100% | **Daylight:** Disable

RoHS Compliant



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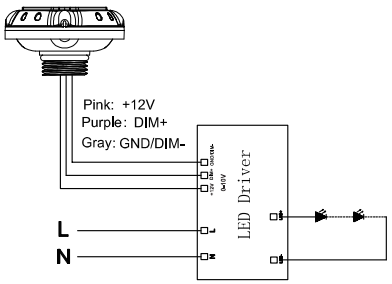
ERHB | Occupancy Sensor FOR USE WITH ERHB ROUND HIGH BAY

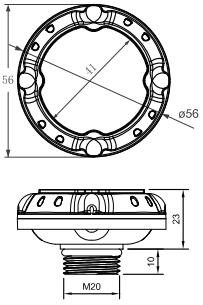
ORDERING INFORMATION

Catalog Part Number	Order Number	Description
☐ ERHB-QI-OCC-MS	70221101	ERHB Quick Install DC Occupancy Sensor

Notes: 1. Factory OC sensor settings can be changed w/ (ERHB-RCOP) handheld remote programmer accessory. (must be ordered separately)



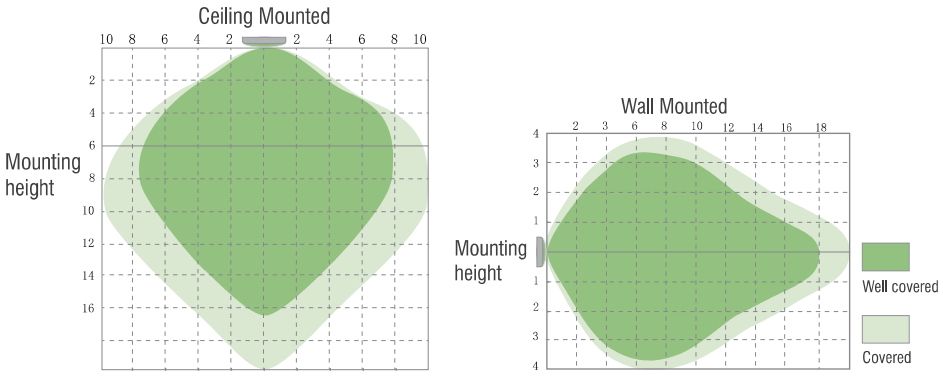
Wiring diagram



Unit:mm

DETECTION COVERAGE

Scale is in Meters (1 m = aproximately 3.281 ft)

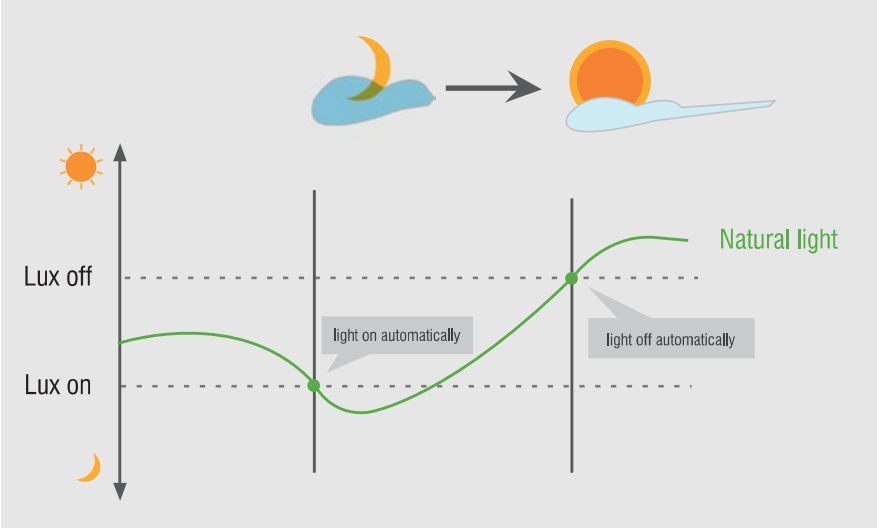


LUX ON/OFF

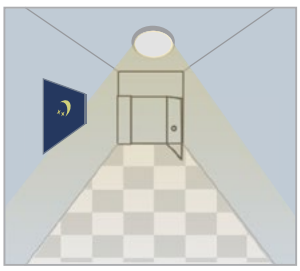
Adopted dual PD technology, sensor is able to differentiate artificial light brightness from natural light after installed inside the fixture, and automatically turn off light when ambient brightness exceeds preset lux level.

Preconditions to use the Lux-off function:

1. Stand-by period is + ∞
2. Stand-by dimming level is on 10%, 20%, 30% or 50%
3. Daylight threshold is on 10 Lux, 30 Lux, 50 Lux or 100 Lux

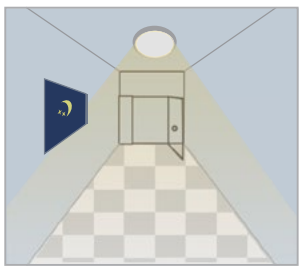


APPLICATION (LUX OFF/ON)

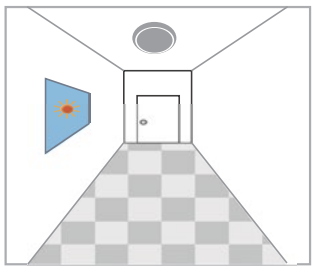


Light automatically on when ambient brightness is lower than preset lux level.

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



Light dims to stand-by level if no motion detected after hold time.



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

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