



INSTALLATION, OPERATION AND MAINTENANCE INSTRUCTIONS

LCX-OCC-D2 OCCUPANCY SENSOR

WARNING!

READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE ~REFERENCE. Fixtures must be wired in accordance with the National Electrical Code and all applicable local codes. Proper grounding is required for safety. THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE~ CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.

Warning: Risk of fire, electric shock or personal injury. High bay light installation requires knowledge of luminaires and electrical systems.

If not qualified, DO NOT try to install. Please contact an electrician.

Warning: Risk of fire or electric shock. Suitable for wet locations. Make sure power is off before installation.

Warning: Risk of fire or electric shock. Suitable for non-insulated surface and frame. DO NOT cover fixture with insulation liner or similar material.

Warning: DO NOT install in unstable, loose or breakable surfaces.

Warning: DO NOT let objects impact or exert force on the surface of the fixture.

Operational Instructions

1. Thread the cables in the order shown in the figure. Note: Increase the number of NPT1/2 reducers based on the actual installation of luminaires. (Fig. 1)
2. Fill the junction of area A and B with sealant after installation (Chico A is recommended for the sealant). (Fig. 2)
3. Select the appropriate inlet on the luminaire for connection: Black to INPUT L, White to INPUT N, Red to OUTPUT L (LED driver), Green to GROUND, Purple to DIM+, Pink to DIM-. (Fig. 3) Note: (1) After installation, area C should not be obstructed by any objects and should face towards detected area. (2) Do not place the sensor close to high-density objects such as metal, glass, mixed-use walls, etc., for the sensor may be triggered by mistake. (3) Please ensure that there are no moving signals around the sensor, such as fans, DC motors, sewers, air outlets, etc., for the sensor may generate false triggers.

Figure 1

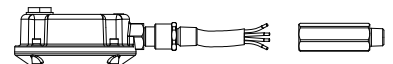


Figure 2

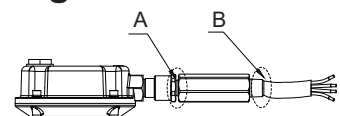
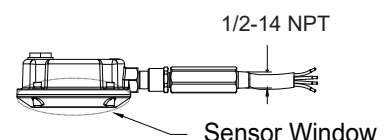
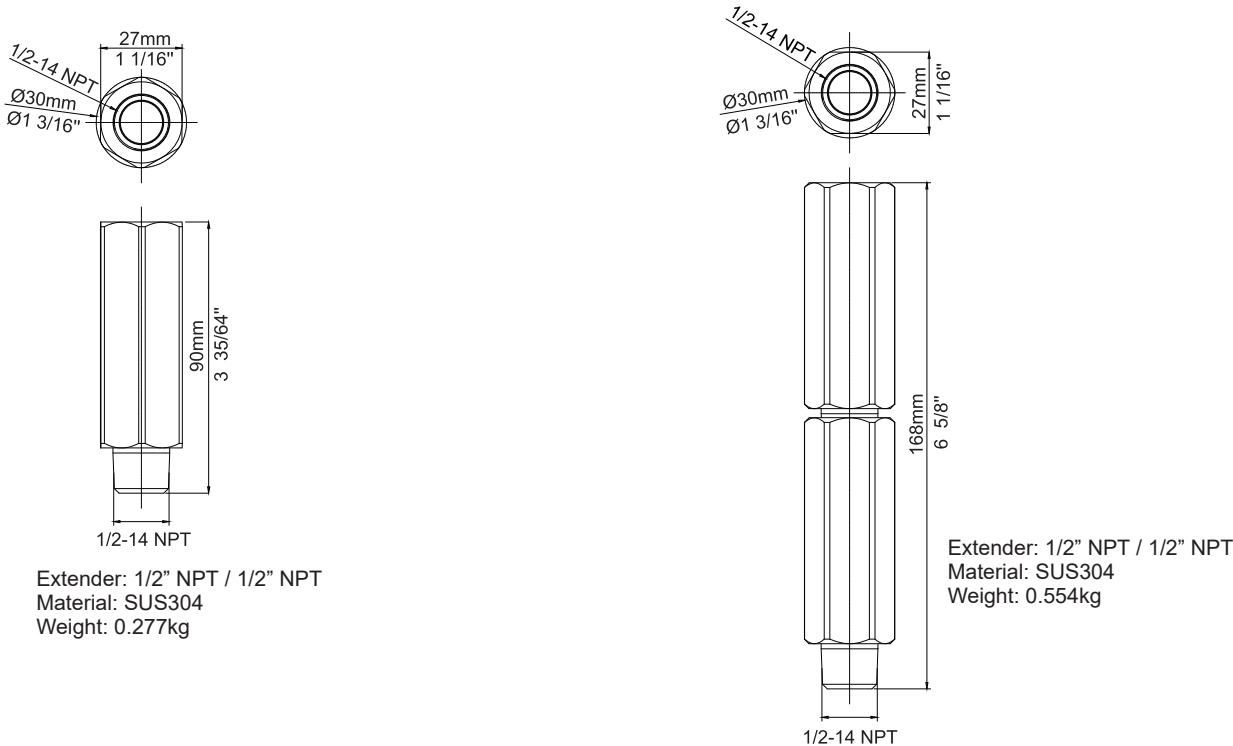


Figure 3

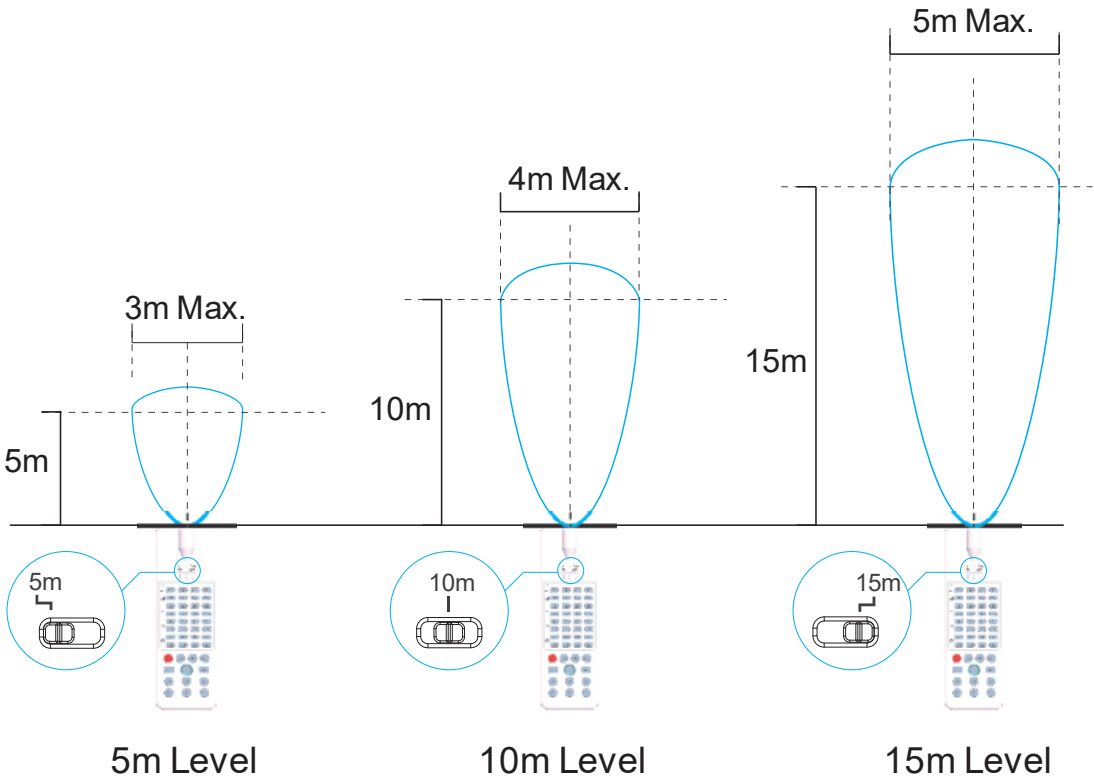


ACCESSORIES

Product comes standard with: (2) Extenders | (1) 1/2" NPT to 3/4" NPT Adapter | (1) Remote



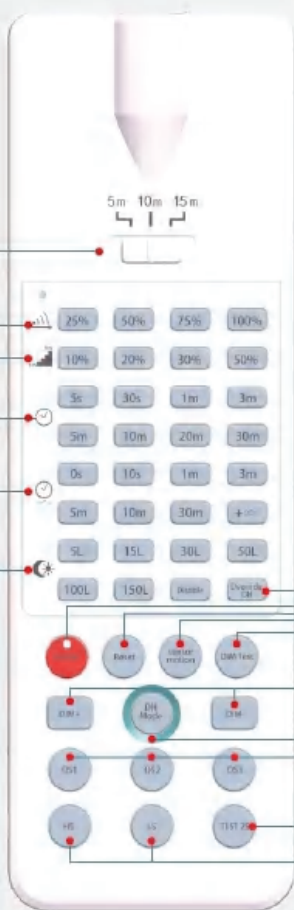
REMOTE




REMOTE

*Warning: Remote control equipment should be used in unclassified, ordinary locations and it is strictly prohibited to use in hazardous (classified) locations.

Remote Control Setting



Button


Reset
Sensor motion
DIM Test
D/override DH
DIM+ DIM-
DH Mode
Q1 Q2 Q3
TEST 2S
HS LS
Daylight Sensor
Stand-by period
Hold time
Stand-by dim leve
Detection Area
Remote Distance

Remarks

Press the "ON/OFF" button, the light goes to constant on/o mode, sensor is disabled. Press "Reset" "Auto mode" button to quit from this mode and the sensor starts to work.

Press "Reset" button, all parameters are same as setting of DIP switch or factory settings.

Press "Sensor motion" button, the light quits from the constant on/o mode, and the sensor starts to work (the latest setting stays in validity).

Press "DIM Test" button, the 1-10V dimming works to test whether the 1-10Vdc dimming ports are connected properly. After 2s, it returns to the latest setting automatically.

Long press 3s, Daylight priority mode will be switched to daylight threshold mode, lux value will go back to previous one.

Short press "DIM+/DIM-" button to set the output lumen level, each press will adjust 2% light level.

Long press 3s, sensor will be switched to daylight priority mode; if preset daylight value is Disable, pressing DH Mode can not start daylight priority mode.

Scene Options	Detection Area	Hold Time	Stand-by Period	Stand-by dim level
QS1	100%	5min	10min	10%
QS2	100%	10min	30min	10%
QS3	100%	20min	30min	10%

Note: Detection area/Hold time/Stand-by period /Stand-by dim level/Daylight sensor can be adjusted by pressing the corresponding button. The latest setting will stay valid.

Press the "TEST 2S" button to enter the test mode any time. At the mode, the sensor parameters as follow: Detection Area is 100%, Hold Time is 5s, Stand-by Dim Level is 10%, Stand-by Period is 0s, daylight sensor disable. This function only for testing. Quit the mode by pressing "RESET" or any other function buttons.

Press "HS" button to set the detection area as high sensitive. Press "LS" button to set the detection area as low sensitive. The adjustment bases on the "Detection Area" parameter you set.

Daylight Sensor
Set up daylight threshold: 5Lux/15Lux/30Lux/50Lux/100Lux/150Lux/Disable

Stand-by period
Set up stand-by time: 0S/10S/1min/3min/5min/10min/30min/+∞

Hold time
Set up hold time: 5S/30S/1min/3min/5min/10min/20min/30min

Stand-by dim leve
Set up stand-by dim level: 10%/20%/30%/50%

Detection Area
Set up detection area: 25%/50%/75%/100%

Remote Distance
Toggle button to set the remote distance of remote control and sensor