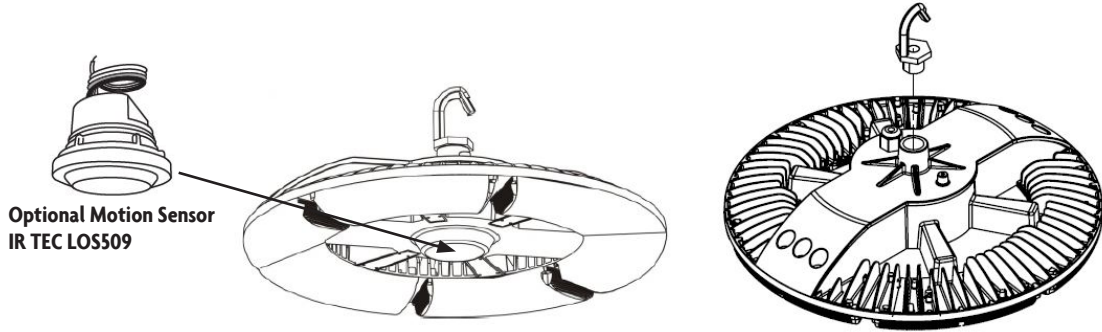


INSTALLATION INSTRUCTIONS FOR LED UFO HIGH BAY FIXTURE

Item #:
F-LUHB150/50/HT F-LUHB150/50/HTS F-LUHB150/50/HT/480
(w/Motion Sensor)




BEFORE YOU BEGIN
 Read and follow all safety instructions

Tools Required:
 Phillips Screw Driver
 Wire Strippers
 Wire Cutters

⚠ WARNING

RISK OF FIRE, EXPLOSION AND ELECTRIC SHOCK

- This product should be installed, inspected, and maintained by a qualified electrician only.
- Installation Guide in accordance with the NEC (National Electric Code) and all local codes.
- Turn off electrical power before inspection, installation or removal.
- Use only UL (or other NRTL) approved wire for input/output connections.
- Minimum size 18 AWG or 14 AWG for continuous runs.
- Make sure LEDs and drivers are cool to touch when performing maintenance.
- Make sure the supply voltage is the same as the rated voltage of the luminaire.
- Do not install in a hazardous atmosphere, except where the ambient temperature does not exceed the rated operating temperature of the fixture.
- Keep tightly closed when in operation



- Before starting ensure that power is disconnected.
- Unpack fixture and ensure there are no damaged parts.
- NOTE:** This fixture is intended to hang using the included hook or pendant mount on a conduit stem.
- Attach the hook to the top mounting plate.
- As seen in Fig. 2. Alternatively a 3/4" NPT conduit pipe can be threaded.
- Hang the fixture on a loop and secure it by tightening the securing screw on the hook.
- Once secured pass the cable into a junction box and connect to AC circuit branch using the supplied wire nuts as in Fig. 3.
- Restore power at circuit break and switch on power.

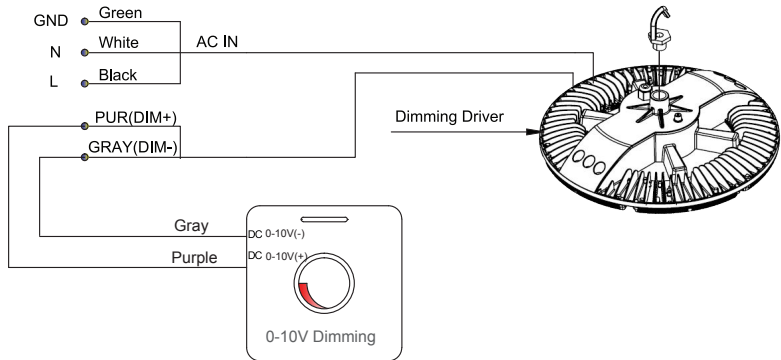
Prepare Electrical Wiring



Electrical Requirements
 The LED driver must be supplied with 120-277V or 480V, 50/60 Hz and connected to an individual, properly grounded branch circuit protected by a 20 ampere circuit breaker. Use min. 75°C supply.



Grounding Instructions
 The grounding and bonding of the overall system shall be done in accordance with NEC Article 600 and local codes



MOTION SENSOR OPERATION FOR LED UFO HIGH BAY FIXTURE

Item #:
F-LUHB150/50/HTS

SENSOR OVERVIEW - IR TEC LOS-509 Series

The line voltage switching occupancy sensor designed for all-purposes energy efficient lighting control.

This occupancy sensor employs a cutting edge quad element pyroelectric infrared sensor to provide omni-directional sensing capability of occupant's presence and movements. The Accu-Set digital potentiometer makes the sensor setting easier, faster and more accurate than the conventional analog potentiometer. An exclusive Hybrid Switching technology makes LOS-509 series ideal to control the lighting with exceptionally high inrush current (HIC) while switching on, such as multiple LED or CFL lightings connected in parallel.

The sensor is designed to operate in the coldest of environments, down to -40°C/°F.

Comes with an ambient light sensor (ALS) to inhibit the lighting if ambient light levels are higher than required. Designed to provide complete occupancy sensing for automatic lighting control, ease of use, and the simplest installation possible.

INSTALLATION NOTES

1. The sensor is more sensitive to the movements "crossing" the detection zones than "toward" or "away" the sensor unit. To obtain better sensitivity, avoid placing the sensor in line with occupant path, if possible.
2. The closer the movement is to the sensor, the more sensitive the sensor is. The higher the sensor is installed, the larger movement is required to be detected.
3. Ensure to place the sensor at least at 1.5m (5 ft.) away from air supply ducts as rapid air flow may cause false activations.
4. The sensor cannot "see" the movements behind obstacles, such as furniture, shelf, glass or partition. As a general rule, each occupant should be able to clearly view the sensor unit.
5. For open office areas with partition which could block the sensor view to occupant movements, it is best to place the sensors over the intersection of multiple workstations. For large areas of open office or space, place multiple sensors so that there is overlap coverage with each adjacent sensor.



SENSOR SETTINGS

Delay Time

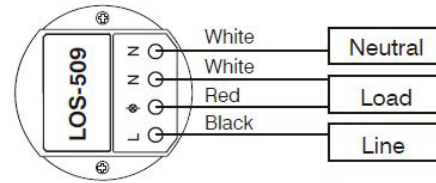
There are 7 different delay time selections via Accu-Set potentiometers. The light will remain ON if sensor detects occupant's movement before the set delay time expires.

Ambient Light

There are 7 different ambient light level selections via Accu-Set potentiometers. The sensor will not switch ON the light if the LUX value of ambient light is higher than set level.

WIRING DIAGRAM

A. Single sensor control

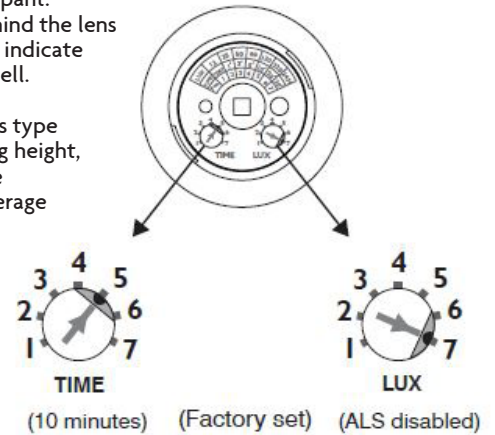


TESTING

Sensor Range Test

1. Ensure the shaft of LUX is set at "7" position.
2. Walk within the desired range* at normal speed. Light should be switched ON as delay time set whenever sensor detects the presence or movement of occupant.
3. The LED indicator behind the lens assembly will blink to indicate sensor detection as well.

*Depending on the lens type ordered and mounting height, the sensor could have different sensing coverage



SW. POS.	1	2	3	4	5	6	7
TIME	T	1'	3'	5'	10'	20'	30'
LUX*	12	25	50	90	130	220	24H

Factory Set