

INSTALLATION MANUAL FOR STL5S LED LINEAR STRIP.

SAVE THESE INSTRUCTIONS - READ ALL INSTRUCTIONS CAREFULLY

WARNING

PLEASE READ ALL INSTRUCTIONS BEFORE ATTEMPTING INSTALLATION.

- To reduce risk of death, personal injury or property damage from fire, electric shock, falling parts, cuts / abrasions, and other hazards read all warnings and instructions included with and on the fixture box and all fixture labels.
- Before installing, servicing, or performing routine maintenance upon this equipment, follow these general precautions.
- All installation, service and maintenance of luminaires should be performed by a qualified licensed electrician.
- For the installation: If you are unsure about the installation or maintenance of the luminaires, consult a qualified licensed electrician and check your local electrical code.
- To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
- Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.

CAUTION

- Avoid direct eye exposure to the light source while it is on.
- Account for small parts and destroy packing material, as these may be hazardous to children.
- Risk of burn. Disconnect power and allow fixture to cool before maintenance.

NOTICE: Green ground screw provided in proper location. Do not relocate.

NOTICE: Minimum 90° supply conductors.

NOTICE: Specifications and dimensions subject to change without notice.

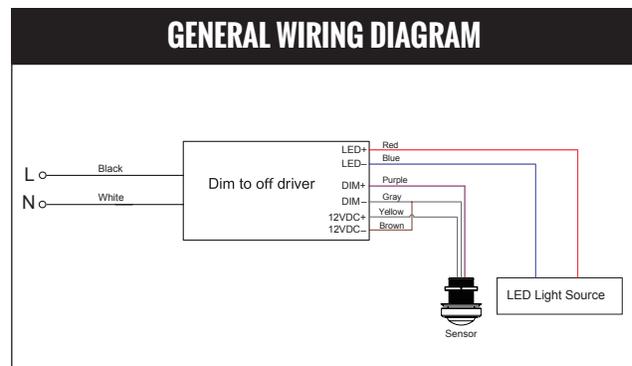
NOTICE: Suitable for Dry or Damp location.

CAN ICES-005 (B) NMB-005 (B)



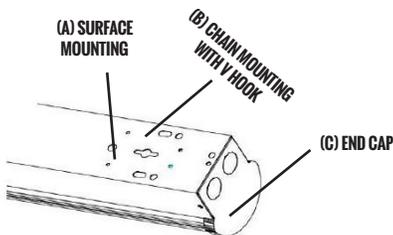
WARNING

- Turn off electrical power at fuse or circuit breaker box before wiring fixture to the power supply.
- Turn off the power when you perform any maintenance.
- Verify that supply voltage is correct by comparing it with the luminaire label information.
- All wiring connections should be capped with UL approved wire connectors.

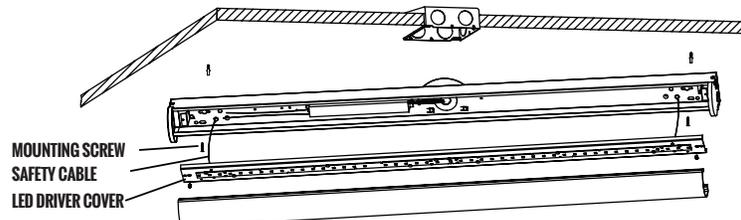


INSTALLATION INSTRUCTION

MOUNTING OPTIONS

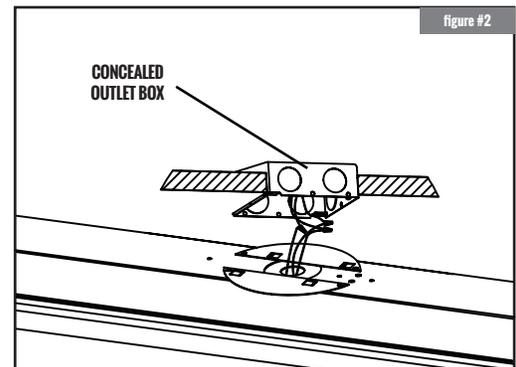
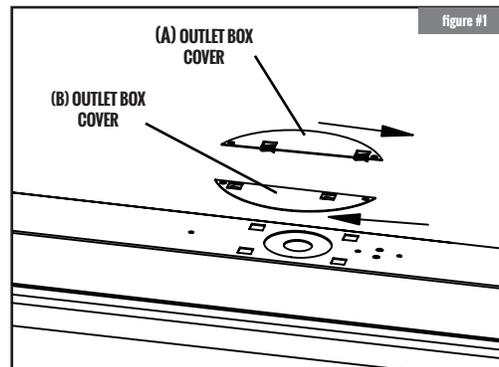


A. SURFACE MOUNTING



A. SURFACE MOUNTING

1. Lock the tab into the openings, then push the cover (A) to the right, and push the cover (B) to the left (Fig. 1).
2. Wire to main power through the concealed outlet box (Fig. 2).
3. Secure luminaire base to mounting surface by inserting customer supplied #8 anchor screws, toggle bolts or suitable fasteners, depending on structural conditions, into key hole slots on top side of the luminaire base.

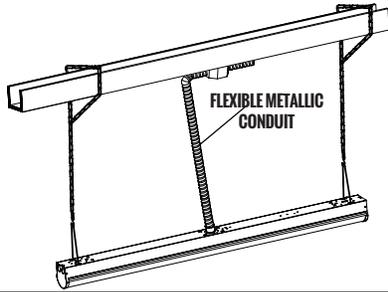


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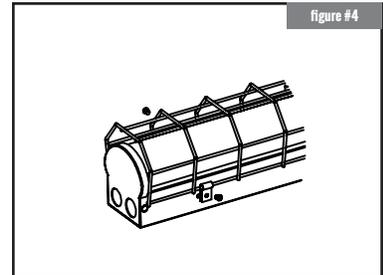
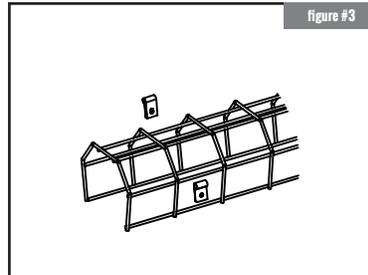
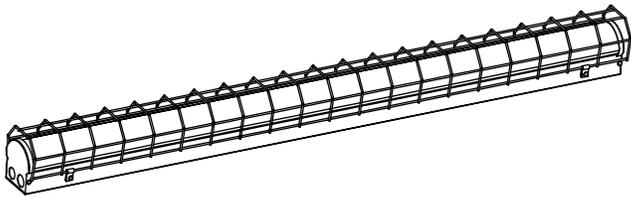
B. CHAIN SUSPENDED MOUNTING



B. CHAIN MOUNTING WITH V-HOOK

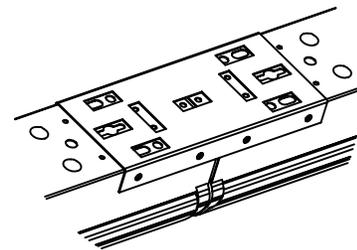
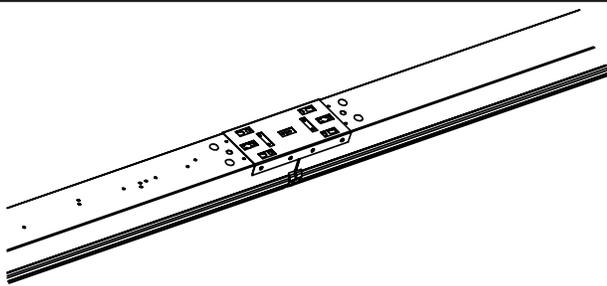
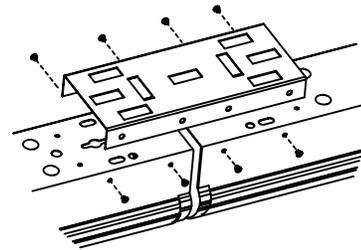
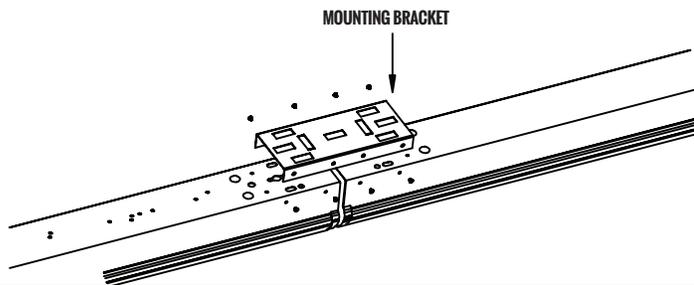
1. Attach optional V-Hooks to each end of the luminaire base.
2. Attach optional chain to the V-Hooks and mounting surface.

C. WIRE GUARD



- STEP 1: After installing the luminaire, Insert the provided clips(4pcs) onto the wire guard (fig. 3).
 STEP 2: Fasten the clips by drilling screws into the prepunched holes of fixture body (fig. 4).

D. SUSPENDED CONTINUOUS FIXTURE MOUNTING



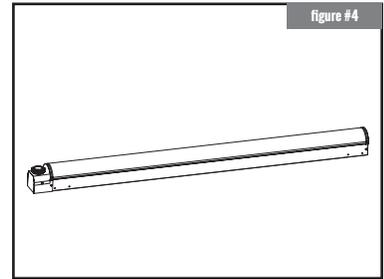
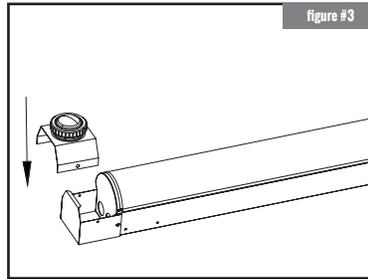
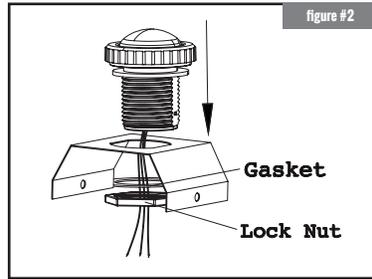
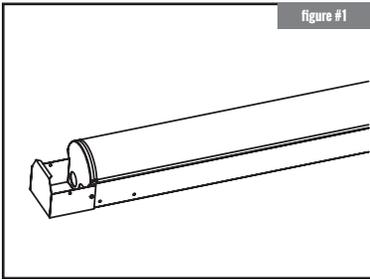
STEP 1: Screw the bracket to the end of the luminaires.

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SENSOR INSTALLATION INSTRUCTION



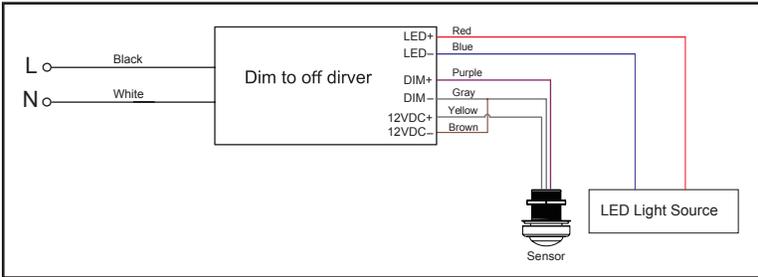
1. Knock away the knock-out hole of the end-cap. Screw the provided sensor box onto the end of housing.

2. Screw the sensor onto the sensor box cover.

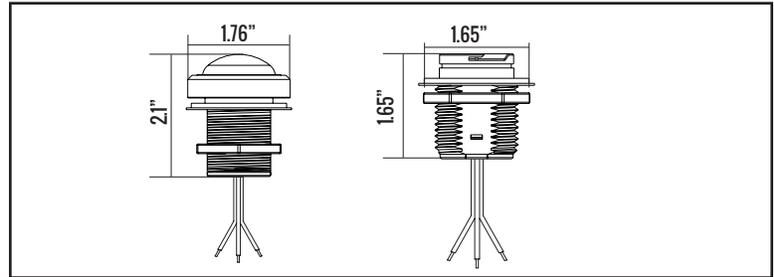
3. Fix the sensor box cover.

4. The installation is completed.

WIRING DIAGRAM



DIMENSION



REMOTE CONTROL SETTINGS

TIME: 30s / 1 min / 5 min / 10 min / 30 min

DIM: 10% - 100%

MODE: A, B, C, D

FACTORY SETTING: A, B, C, D

Model IFS05R: controlled and programmed by or a remote controller (STL5-RC)

NOTE: To verify sensor control function normal, please conduct test procedure after wiring by following below instruction.

Once powered on, the light will go soft on and soft off twice.

Remote Controller Operation:

Step 1 - Testing

1. Hit "Test" button on remote controller.
2. The light will turn to full-ON while occupancy detected.
3. The light will dim to DIM level after 5s if no occupancy detected.
4. The light will turn OFF if no occupancy detected within another 3s.

Step 2 - Parameter Setting

1. Select desired Mode, Time and Dimming level.
 2. Each time you hit the button, the light will blink twice to indicate the setup succeeded.
- The sensor will not respond during the procedure.



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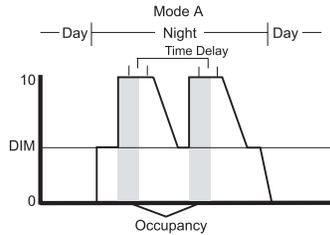
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CONTROL MODES

MODE A

1. Turn fixture off when ambient light >100 LUX.
2. Turn on fixture to set DIM level when ambient light <100 LUX.
3. Fixture moves to full light level when occupancy detected.
4. Dim the fixture to set DIM level when set DELAY time is elapsed.

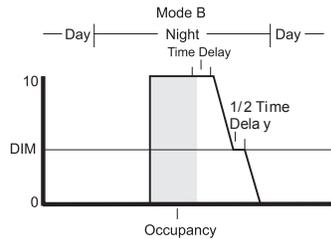


MODE A REMOTE FUNCTION

1. Depress A - fixture will flash on / off 2 times
2. Depress Dim Level % required - fixture will flash on / off 2 times.
3. Depress delay / hold time required - fixture will flash on / off 2 times.
4. Complete.

MODE B

1. Turn fixture to full on level when ambient light <100 LUX and occupancy is detected.
2. Dim the fixture to set DIM level after set DELAY time is elapsed.
3. Turn fixture off if no occupancy is detected within 1/2 set DELAY time.

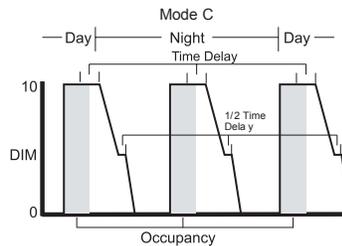


MODE B REMOTE FUNCTION

1. Depress B - fixture will flash on / off 2 times
2. Depress Dim Level % required - fixture will flash on / off 2 times.
3. Depress delay / hold time required - fixture will flash on / off 2 times.
4. Complete.

MODE C

1. Sensor Ambient Light level is disabled.
2. Turn the fixture to full on when occupancy is detected.
3. Turn the fixture to set DIM level when set DELAY time is elapsed.
4. Turn fixture off if no occupancy is detected within 1/2 set DELAY time.

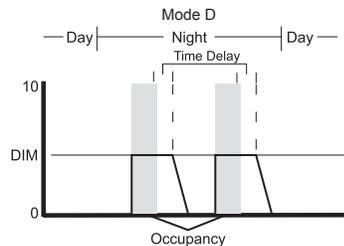


MODE C REMOTE FUNCTION

1. Depress C - fixture will flash on / off 2 times
2. Depress Dim Level % required - fixture will flash on / off 2 times.
3. Depress delay / hold time required - fixture will flash on / off 2 times.
4. Complete.

MODE D

1. Turn on fixture to set DIM level while ambient light <100 LUX and occupancy is detected.
2. Turn the fixture off after set DELAY time is elapsed.



MODE D REMOTE FUNCTION

1. Depress D - fixture will flash on / off 2 times
2. Depress Dim Level % required - fixture will flash on / off 2 times.
3. Depress delay / hold time required - fixture will flash on / off 2 times.
4. Complete.

Please note that buttons E-F-G-H are disabled.