

Safety Instruction

1. READ CAREFULLY BEFORE INSTALLING FIXTURE. PLEASE KEEP THIS MANUAL FOR FUTURE USE
2. Before installing, servicing, or performing routine maintenance upon this equipment, follow these general precautions.
3. To reduce the risk of death, personal injury or property damage from fire, electric shock, falling parts, and other hazards please read all warnings and instructions included with and on the fixture box and all fixture labels.
4. Commercial installation, service and maintenance of luminaires should be performed by a qualified licensed electrician.
5. Verify that supply voltage is correct by comparing it with the luminaire label information.
6. Make all electrical and grounded connections in accordance with the National Electrical Code (NEC) and any applicable local code requirements.
7. All wiring connections should be capped with UL approved wire connectors.
8. Review the wire connection before beginning, and make sure fixture is grounded properly.
9. Disconnect or turn off power before installation or servicing.
10. Do not install in wet locations. For dry and damp use only.

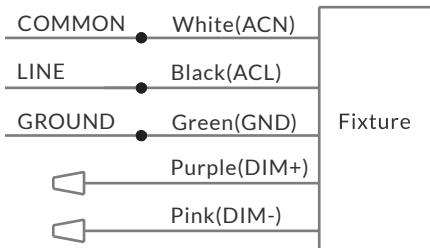
Maintenance Caution

1. Avoid direct eye exposure to the light source while it is on.
2. For lighting controls, follow control instructions carefully.
3. Turn power off and wait for fixture to cool before performing maintenance.
4. Maintenance of the luminaires should be performed by person(s) familiar with the luminaires' construction and operation and any hazards involved.

Shock And Fire Hazard

1. Under no circumstances can the lighting fixture be covered with heat insulation gasket or similar materials.
2. Keep combustible and other materials that can burn away from luminaire and lamp/lens.
3. MIN 90°C SUPPLY CONDUCTORS.

WIRE CONNECTION



Isolate the two dimming wires

 by the P2 terminal individually if dimming is not required.

Connect wiring as shown.

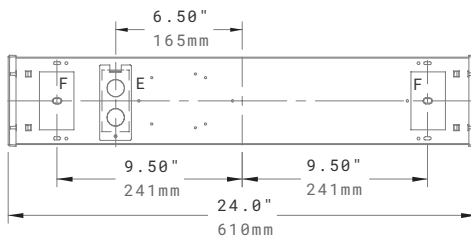
Universal Voltage permits operation at 120V thru 277V, 347V, 50 or 60Hz.
Connect the black fixture lead (ACL) to the LINE supply lead.
Connect the white fixture lead (ACN) to the COMMON supply lead.
Connect the GROUND wire from fixture to the GROUND supply lead.
If 0-10V Dimming is used, connect the supply positive dimming lead to the Dim+ terminal, connect the supply negative dimming lead to Dim- terminal.

INSTALLATION

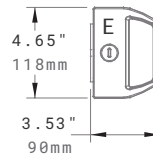
PREPARATION

Locate the mounting points based on the Dimension Drawing.

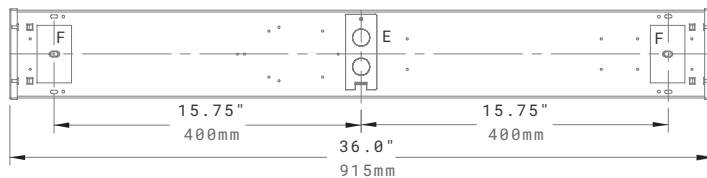
2ft



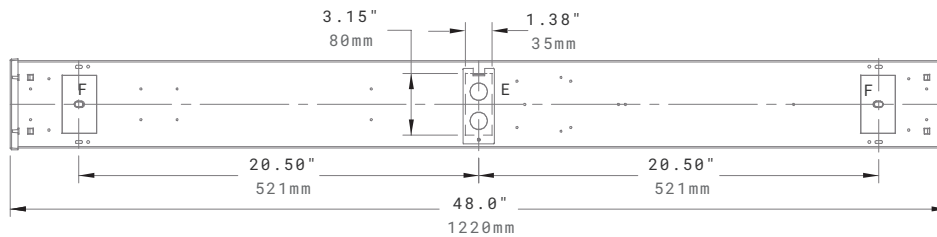
E=7/8"(22.5) K.O.
F=5/16x1/2"(8x12.5) K.O.



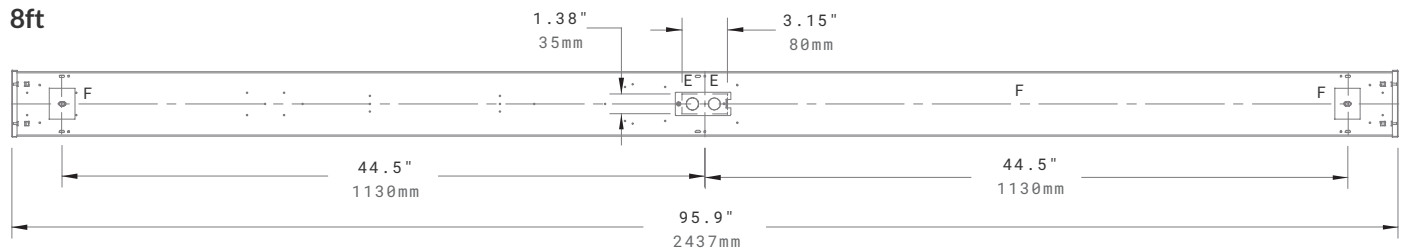
3ft



4ft



8ft



INSTALLATION

QUICK SURFACE MOUNT

Step 1. Drill holes according to the following drill pattern.

Step 2. Fix the Hanger Brackets (2) to ceiling or wall by appropriate fastener (customer supplied).

Step 3. Push Side Knock Out Cover (4) inwards to open the side Knock Out Slots (4).

Step 4. Hange the fixture to the brackets in two Knock Out Slots. Connect wires as shown in wiring diagram with wire nuts.

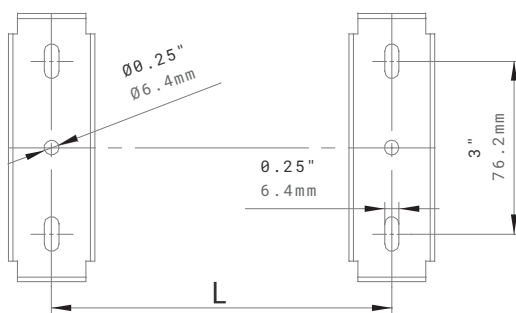
Step 5. Push the luminaire up into Hanger Brackets so that it snaps into Knock Out Slots. Fasten the Hanger Brackets with supplied Bolts (2) and Nuts (2).

Notes:

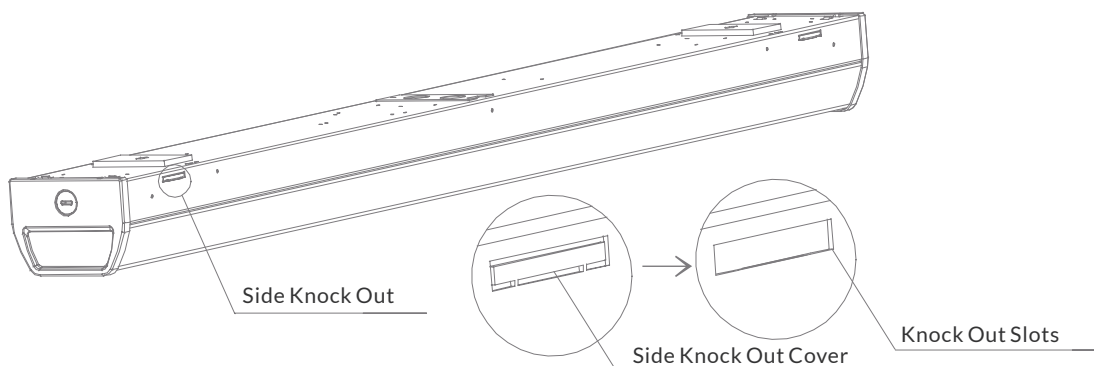
Hanger bracket need to be bought separately.

Drill Pattern

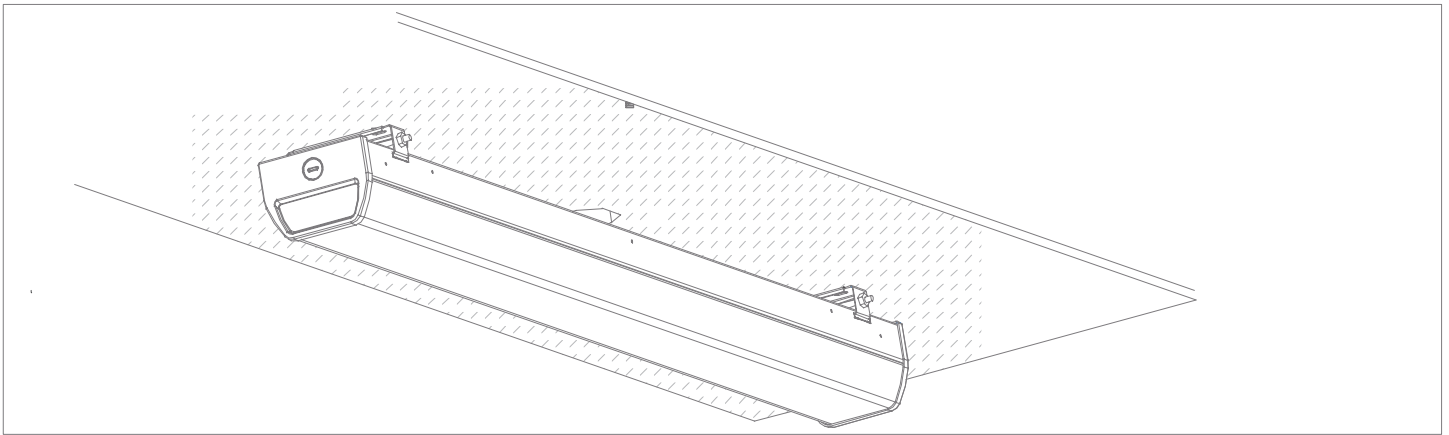
2ft/3ft/4ft/8ft



Size	L
2ft	19.0" (482.6mm)
3ft	31.5" (800.0mm)
4ft	41.0" (1041.4mm)
8ft	89.0" (2260.6mm)



INSTALLATION

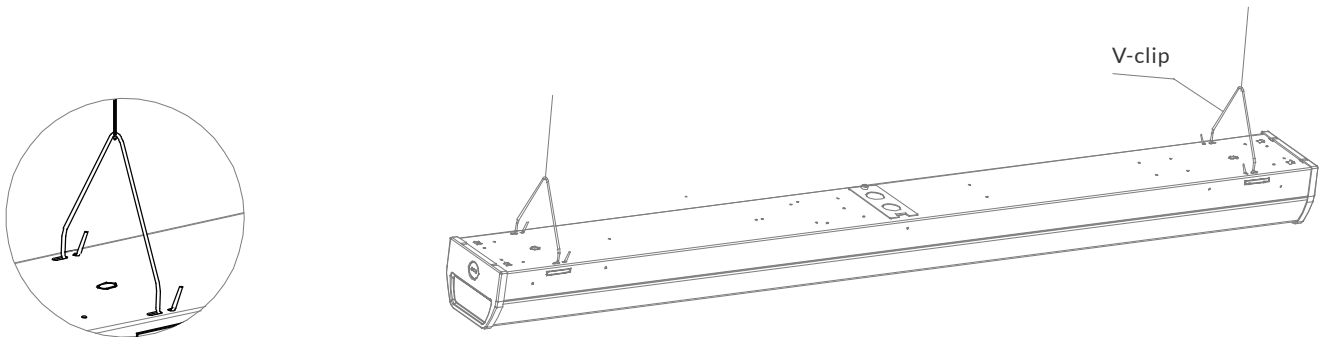


CHAIN MOUNT

Step 1. Feed V-Clips (order separately) into holes of the luminaire base.

Step 2. Attach customer supplied Chain to the V-Clips and mounting surface. Make sure the luminaire is balanced.

Step 3. Connect wires as shown in wiring diagram with wire nuts.



SURFACE MOUNT

Step 1. Gently squeeze the housing to loosen the buckle between End Cap and Housing. Remove one End Cap and Lens.

Step 2. Remove Screw A (4) and the Gear Tray. Take care of the LED in the process of operation.

Step 3. Depending on structural conditions, secure luminaire to mounting surface by customer supplied anchor screws, toggle bolts or suitable fasteners into Keyhole Slots.

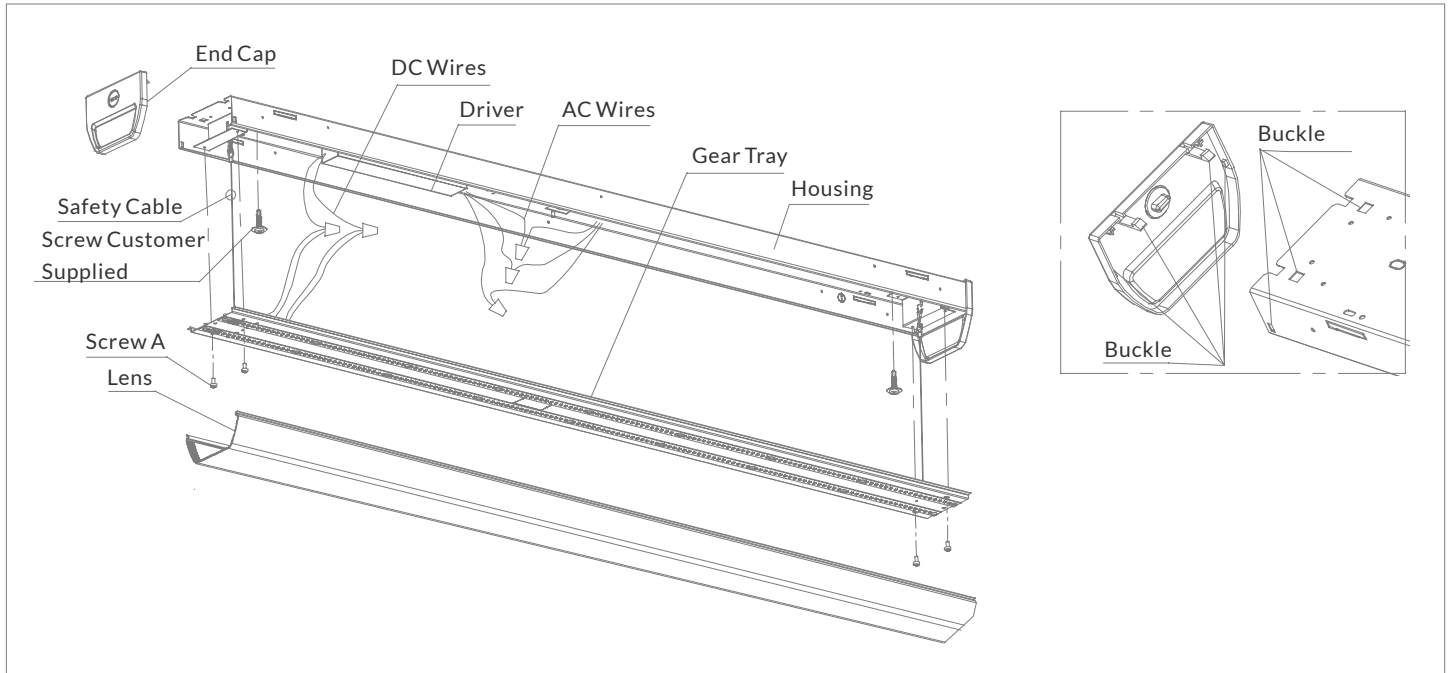
Step 4. Secure Gear Tray to luminaire base by locking the removed Screw A (4). Reattach Lens and the End Cap to luminaire.

Step 5. Connect wires as shown in wiring diagram with wire nuts.

Notes:

Make sure the safety cable are always connected between luminaire base and Gear Tray.

INSTALLATION

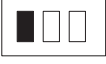


WATTAGE AND CCT SETTING

If the model is selectable, wattages and CCT can be set as required by selecting the DIP switch combinations, which is at the side of the fixture.

Wattage Default Setting: 32W and 63W

CCT Default Setting: 4000K

	4ft Version	8ft Version
Wattage Setting	 47W  37W  32W	 80W  63W  55W
	NOTE 32W and 63W are default setting.	
CCT Setting	 3000K  3500K  4000K	
	NOTE 4000K is default setting.	

MICROWAVE DIMMING SENSOR SETTING (120-347V)

A microwave sensor can be pre-installed on the fixture. Sensor configuration can be precisely set for each specific application by a remote controller (purchased separately).

Detection area

Detection area can be reduced by selecting the combination on the remote controller to fit precisely each application.

Default Setting: 100%

Optional Setting: 100%/75%/50%/25%

Hold time

Refers to the time period the fixture remains at 100% illumination after no motion detected.

Default Setting: 20min

Optional Setting: 5s/30s/1min/3min/5min/10min/20min/30min

Stand-by dimming level

This is the light level that is activated after no motion detected for the duration of the Hold Time.

Default Setting: 50%

Optional Setting: 10%/20%/30%/50%

Stand-by period

Fixture remains at the stand-by dimming level before it switches off completely in the absence of motion. When set to “+∞” mode, the low light is maintained until motion is detected.

Default Setting for Dimming Mode: +∞

Default Setting for ON/OFF Mode: 0s

Optional Setting: 0s/10s/1min/3min/5min/10min/30min/+∞

Notes: For other settings, please set in the field by remote controller.

Daylight sensor

The sensor can be set to only allow the fixture to turn on below a defined ambient brightness threshold. When set to Disable mode, the daylight sensor will switch on the fixture when motion is detected regardless of ambient light level.

50lux, 30lux: twilight operation, 10lux, 5lux: darkness operation only. Note that daylight sensor is active only when fixture totally switches off.

Default Setting: Disable

Optional Setting: 5lux/15lux/30lux/50lux/100lux/150lux/Disable