

SUITABLE FOR MODEL**SAFETY INSTRUCTION:** 

READ CAREFULLY BEFORE INSTALLING FIXTURE. PLEASE KEEP THIS MANUAL FOR FUTURE USING. 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 APPLICATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.

MAKE CERTAIN POWER OFF BEFORE INSTALLING OR MAINTAINING FIXTURE.

CHECK THAT VOLTAGE IS COMPATIBLE WITH FIXTURE DRIVER, USE APPROVED CONNECTORS FOR ALL ELECTRICAL CONNECTIONS.

WARNING: **RISK OF ELECTRICALSHOCK**

- 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.
- Make all electrical and grounded connections in accordance with the National Electrical Code and any applicable local code requirements.
- All wiring connections should be capped with UL approved wire connectors.

CAUTION: **RISK OF INJURY**

- Wear gloves and safety glasses at all times when removing luminaire from carton, installing, servicing or performing maintenance.
- 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.

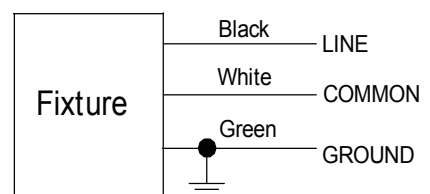
CAUTION: **RISK OF FIRE**

- Keep combustible and other materials that can burn away from luminaire and lamp/lens.
- MIN 90°C SUPPLY CONDUCTORS.

WIRE CONNECTION

Universal voltage driver permits operation at 120V thru 277V or 347V, 50 or 60Hz

- Connect the voltage supply Line to our AC-L terminal
- Connect the voltage Neutral supply to our AC-N terminal
- Connect the green/yellow ground lead to the supply ground lead

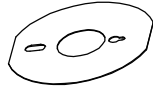


INSTALLATION

ACCESSORY PACK



WIRE NUT X 3



OUTLET COVER X 1

INSTALLATION STEPS

Notes: Make sure the safety ropes always are connected between luminaire base and lens frame assembly.

Step 1

Choose the proper installation method and prepare suitable installation tools and accessories.

Step 2 (See Figure 1)

Locate the mounting points based on the Dimension Drawing.

SURFACE MOUNT (See Figure 2)

1. Install the Outlet Cover to the back of the Housing
2. Pull out one End Cap and remove the Lens
3. Remove the Gear Tray by taking the two Screw B off. Take care of the LEDs.
4. Depending on structural conditions, secure luminaire to mounting surface by customer supplied two Screw C.

SUSPENDED MOUNT (See Figure 3)

Attach the Aircraft Cables or V-hook (order separately or customer supplied) to the mounting surface and luminaire. To adjust the cable length and make sure the luminaire is balanced.

Step 4

Bring customer supplied wires into luminaire through the Wiring Knockouts on the backside. Connect wires as shown in wiring diagram with wire nuts.

Step 5

Reattach Gear Tray to luminaire base by the removed Screw B. Install the Lens and End Cap back to luminaire.

Step 6 (See Figure 4)

Select the desired color temperature and Wattage on the DIP Switch if the fixture bought is selectable.

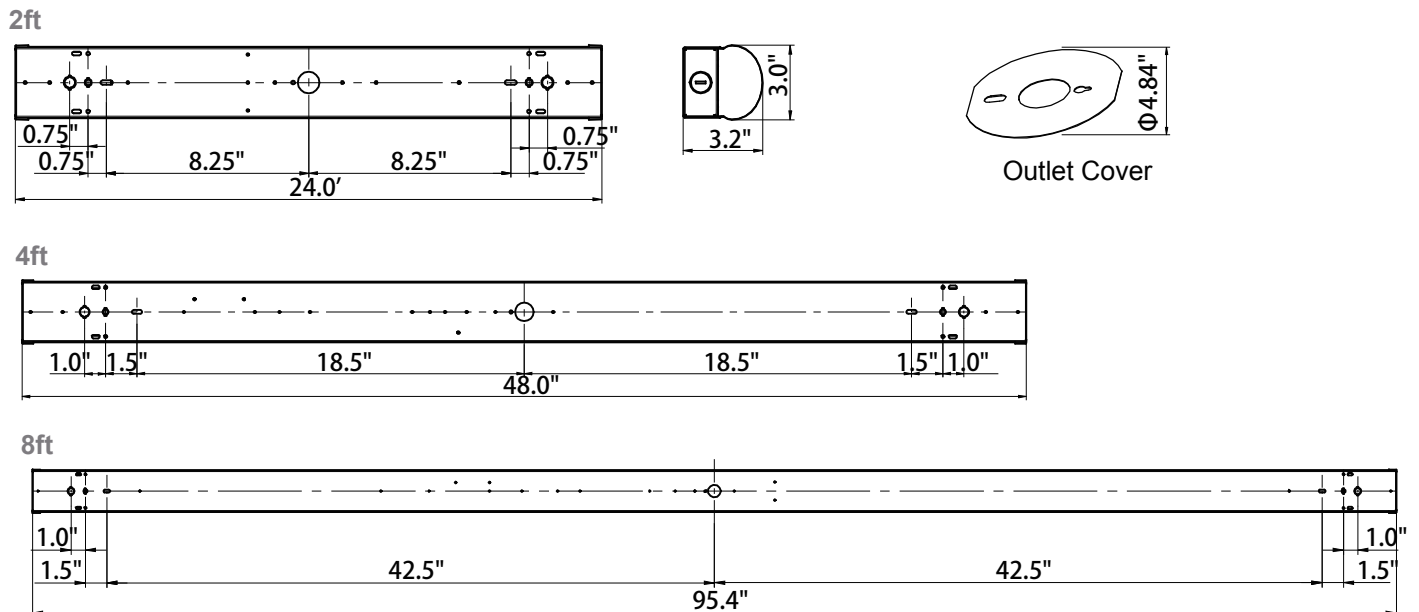


Figure 1

SURFACE MOUNT

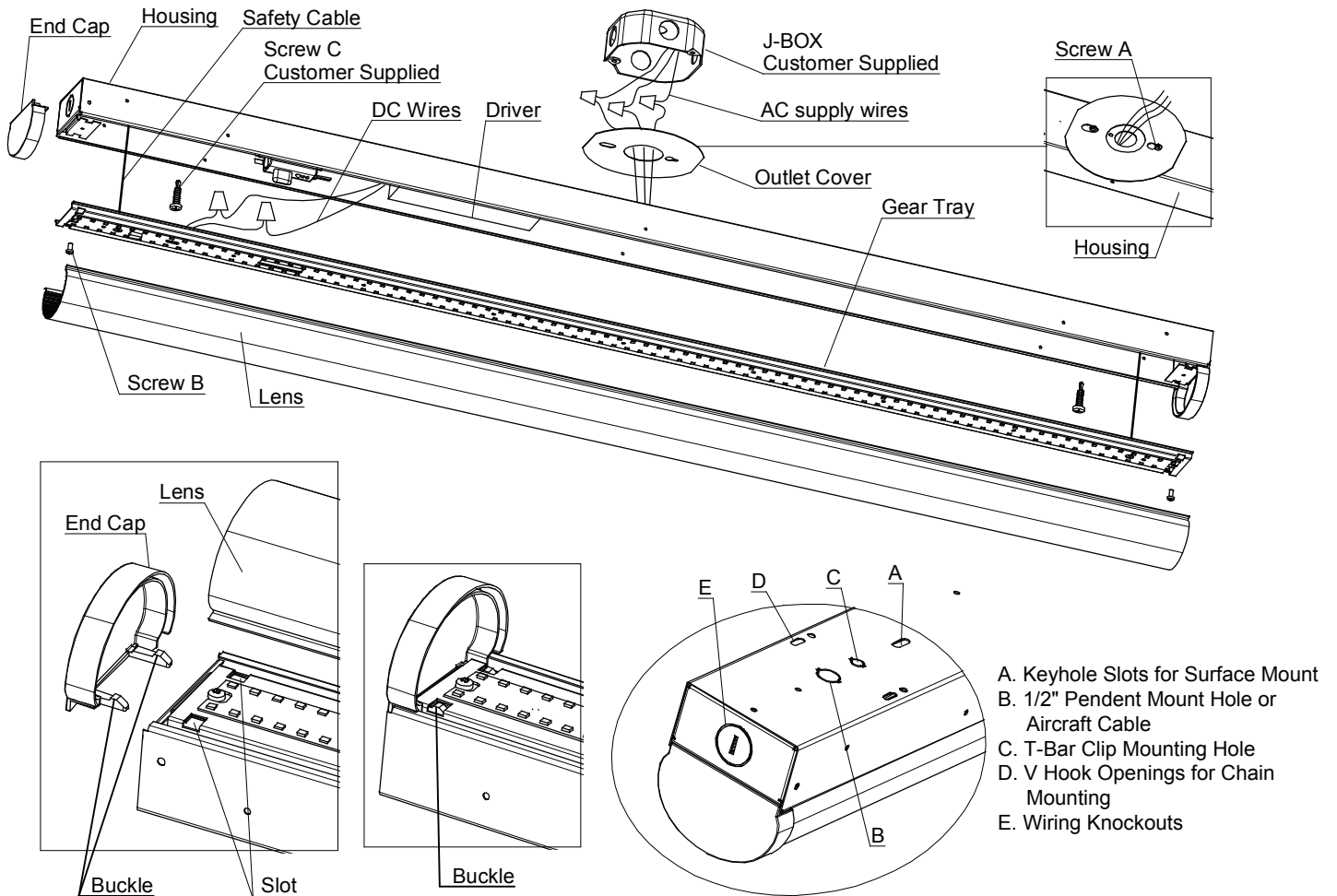


Figure 2

SUSPENDED MOUNT

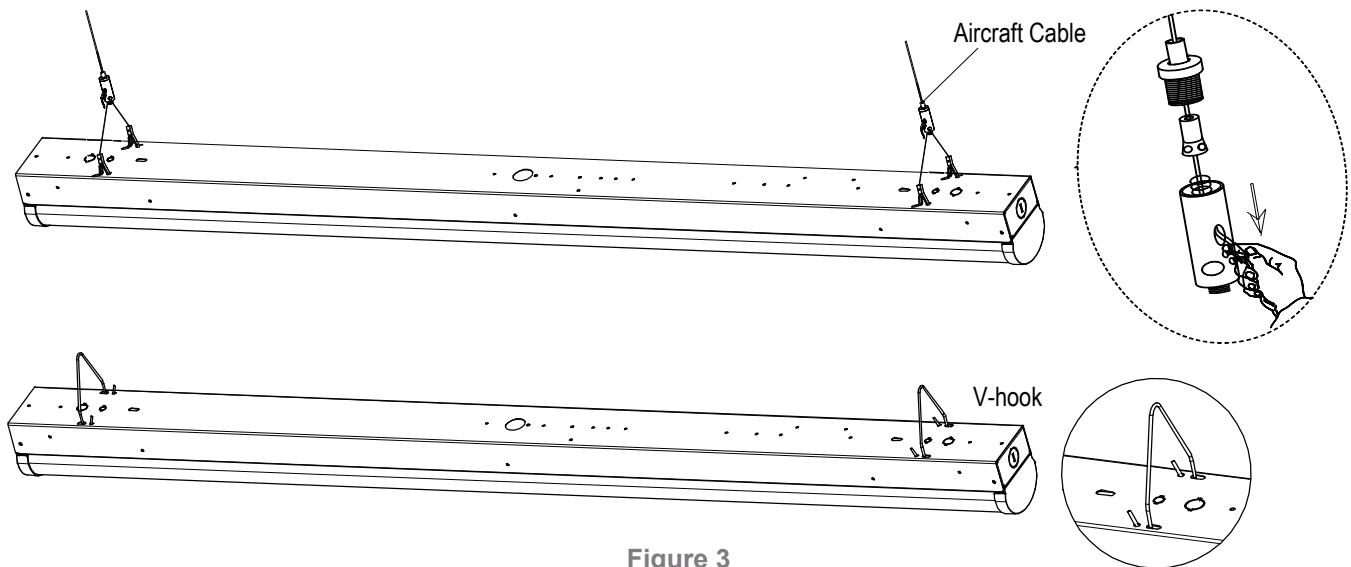


Figure 3

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: 40W for 4ft and 62W for 8ft

CCT Default Setting: 4000K









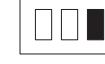
Wattage Setting	 40W	 32W	 28W	 62W	 50W	 43W
	Note: 40W 4ft and 62W 8ft are default setting					
CCT Setting	 3000K	 3500K	 4000K	Note: 4000K is default setting.		

Figure 4

MICROWAVE DIMMING SENSOR SETTING (120-347V)

Sensor data can be precisely set for each specific application by a remote controller which need to be bought separately.

Detection area

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

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

Default Setting: 100%

Hold time

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

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

Default Setting: 20min

Stand-by period

Refers to the time period the lamp remains at a low light level before it completely switches off in the long absence of people. When set to “+∞” mode, the low light is maintained until motion is detected.

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

Default Setting: +∞

Notes: If just need ON/OFF function, please set the stand-by period in “0S” mode by the remote controller.

Daylight sensor

The sensor can be set to only allow the lamp to illuminate below a defined ambient brightness threshold. When set to Disable mode, the daylight sensor will switch on the lamp 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 lamp totally switches off.

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

Default Setting: Disable

Stand-by dimming level

The low light level you would like to have after the hold time in the long absence of people.

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

Default Setting: 50%