



Innovation & Quality

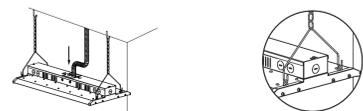
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Linear High Bay (Dimmable)

Please read instruction before commencing installation and retain for future references. Electrical products can cause death or injury, or damage to property. If in any doubt about the installation or use of this product, consult a competent electrician.

Part No.	Power	Input Current	Input Voltage	Frequency	PF	THD	Luminous Flux	CCT	Ra	Life Span	Warranty
VO-LH193HF2-347-3WAY-D-S	80W 110W 160W	1.467A	AC120-347V	50/60Hz	>0.9	<20%	22400lm	3500K 4000K 5000K	80	50,000h	5 years
VO-LH193HF3-347-3WAY-D	80W 110W 160W	1.467A					22400lm				
VO-LH193HF4-347-3WAY-D-S	110W 160W 220W	2.017A					30800lm				
VO-LH220FT4-347-3WAY-D-S-EM	110W 160W 220W	2.017A					30800lm				
VO-LH220FT4-347-3WAY-D	110W 160W 220W	2.017A					30800lm				
VO-LH300FT4-347-3WAY-D-S	160W 220W 300W	2.75A					42000lm				

### Chain Installation



### Pendant Mount Installation



### Surface Mount Installation



### Emergency operation:

#### AC Operation:

AC power is present. The LED load from the LED driver is normal power supply, AC LED driver output current can not exceed 150W or 4A, the emergency driver is charging in a standby mode, The red LED light on to indicate that it is charging.

#### Operation:

When the AC power goes out, The emergency driver detects the AC power outage and automatically switch to the working emergency mode. The red LED light off. When the AC power is restored, the emergency driver backs to AC power working and starts re-charging, the red LED light on.

### Features:

- Meets standards CSA C22.2 NO.14 and UL 924.
- External lithium battery.
- Battery protections: over charge protection, over discharge protection.
- Indicator shows a variety working modes.
- The batteries meet 500 cycles of standard charge and discharge.
- RoHS compliant.

### IMPORTANT SAFEGUARDS

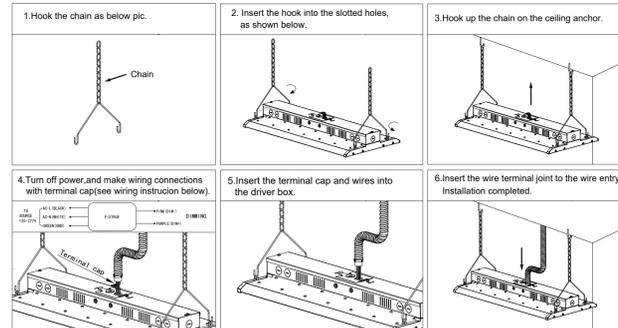
When using electrical equipment, basic safety precautions should always be followed including the following:

#### READ AND FOLLOW ALL SAFETY INSTRUCTIONS.

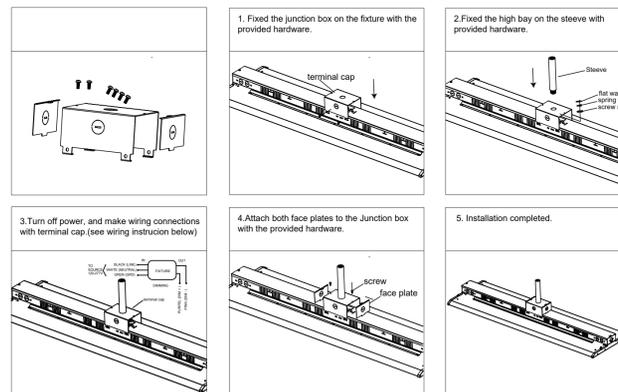
- IMPORTANT: Customers are advised to charge emergency LED driver 24 hours every 6 months during storage.
- Risk of fire or electric shock. Luminaire wiring and electrical parts may be damaged when drilling for installation of LED Emergency Backup. Check for enclosed wiring and components.
- Risk of fire or electric shock. This LED Emergency Backup installation requires knowledge of luminaire electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.
- Before installing, make certain the AC power to the fixture is off.
- The electrical rating of this product is 100-347Vac. Installer must confirm that there is 100-347Vac to the fixture before installation.
- To prevent electrical shock only mate unit connector after installation is complete and before the AC power to the fixture is back on.
- Do not use in outdoor.
- This LED Emergency Backup unit requires an un-switched AC power source of 100-347Vac, 50/60Hz. The AC driver must be on the same branch circuit as the LED Emergency Backup unit.
- Do not let power supply cords touch hot surfaces.
- Do not mount near gas or electric heaters.
- Do not connect battery pack connector until all other wiring is complete and AC power is on.
- The emergency LED driver is for use with grounded, UL listed LED luminaires, shall be enclosed by the LED luminaire and bonded to the grounding of LED luminaires.
- Verify that all replacement lamp types marked on the installed luminaire are also identified as suitable for use with this emergency battery pack.
- Equipment should be mounted in locations and at heights where it is not subjected to tampering by unauthorized personnel.
- The use of accessory equipment is not recommended by the manufacturer and may cause an unsafe condition.
- Do not use this equipment for other than its intended use.
- Use with grounded, UL Listed, dry or damp location rated fixtures.

### Installation Guide

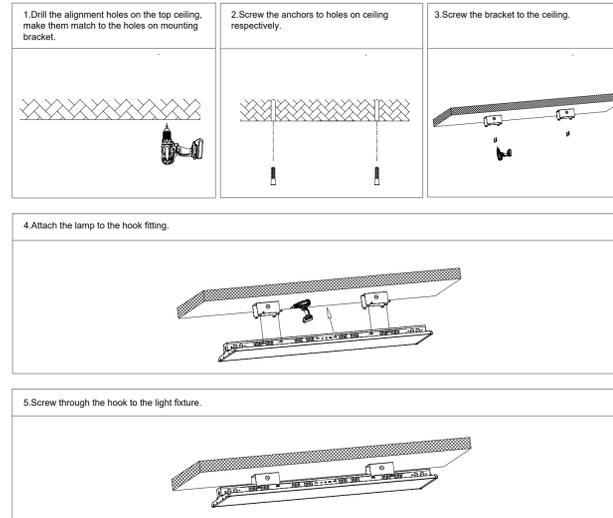
#### Chain Installation



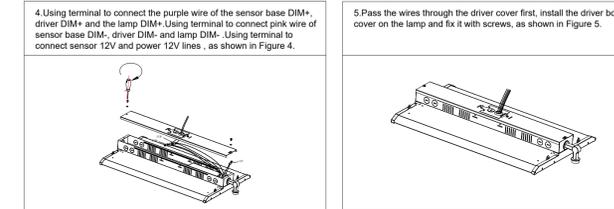
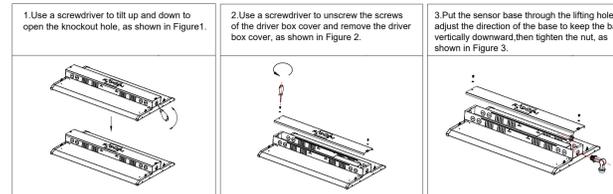
#### Pendant Mount Installation



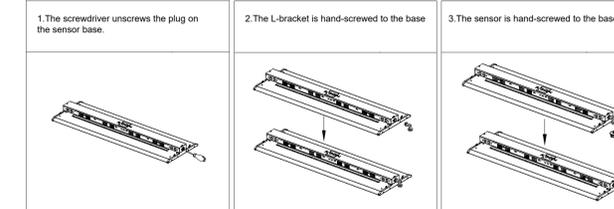
#### Surface Mount Installation



#### Sensor Base Installation



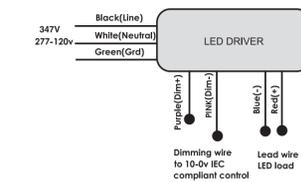
#### Sensor Installation Installation



#### Note:

- The installation and maintenance must be completed by electricians or professionals.
- Please cut off the power before installation and maintenance.
- The thermally insulating material is not allowed to cover the fixture.
- Please keep away from the corrosive substance, and keep the fixture dry and clean.
- Working temperature: -4°F~104°F, storage temperature: -22°F~140°F.

#### General Wiring Diagram



The installation must be carried out by a qualified electrician.