



LED SHOE BOX RETROFIT

150W / 200W
INSTALL INSTRUCTIONS



SPECIFICATIONS

ITEM#	DESCRIPTION	WATTS	COLOR	LUMENS	CRI	VOLT	HOURS
83478	LED 150W SHOE BOX RETROFIT/120°/5000K/100-277V V4 - SUPERIOR LIFE®	150	5000K	22739	75	100-277V	50,000
83410	LED 150W SHOE BOX RETROFIT/120°/5000K/347-480V V4 - SUPERIOR LIFE®					347-480V	
83415	LED 200W SHOE BOX RETROFIT/120°/5000K/100-277V V4 - SUPERIOR LIFE®	200		29446		100-277V	
83562	LED 200W SHOE BOX RETROFIT/120°/5000K/347-480V V4 - SUPERIOR LIFE®					347-480V	

Operation temperatures between -35°C and 55°C

Published lumens on LED products are approximate and may vary slightly.

SAFETY INSTRUCTIONS

PLEASE FIND A QUALIFIED ELECTRICIAN FOR INSTALLATION.

Please read the instruction before you install and use the luminaire.

FOLLOW ALL SAFETY INSTRUCTIONS

DANGER –RISK OF SHOCK –DISCONNECT POWER BEFORE INSTALLATION

WARNING –Risk of fire or electric shock. LED Retrofit Kit installation requires knowledge of luminaires electrical systems. If not qualified, do not attempt installation. Product must be installed in accordance with the National Electrical Code or your local electrical code. If you are not familiar with these codes and requirements, contact a qualified electrician.

WARNING –Risk of fire or electric shock. Install this kit only in the luminaires that have the construction features and dimensions shown in the photographs and/or drawings and where the input rating of the retrofit kit does not exceed the input rating of the luminaire.

Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation. WARNING –To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or any other sharp objects.

WARNING –Risk of fire or electric shock. Luminaire wiring and electrical parts may be damaged when installing of retrofit kit hardware. Check for enclosed wiring and components.

WARNING –Risk of fire or electric shock. Check the existing wiring for damage before installing upgrade kit.

Do not install if existing wires are damaged.

DO NOT USE WITH DIMMERS. SUITABLE FOR DRY LOCATIONS. SUITABLE FOR USE IN TOTALLY ENCLOSED LUMINAIRES.

THIS DEVICE IS NOT INTENDED FOR USE WITH EMERGENCY EXITS.

INSTALLATION BY “L” BRACKET



1. Mount the LED head to the U bracket (Fig A).
2. Turn off all power to the fixture. Remove bulb and existing ballast or cut the wires to the ballast and bypass it.
3. For Longest Life & Keeping the LED Head & Driver cool - **PERMANENTLY REMOVE THE FIXTURE'S REFLECTOR. RETROFIT WARRANTY IS VOID IF THE FIXTURE'S REFLECTOR IS NOT REMOVED.**
4. Wipe excess dust from inside the fixture. Clean the fixture's glass if dirty.
5. Mount the L bracket (Fig B) to the fixture, where the existing socket is mounted.
6. Mount the U bracket to the L bracket. (Fig C)

U bracket



Fig A

L bracket

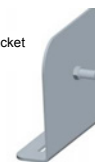


Fig B

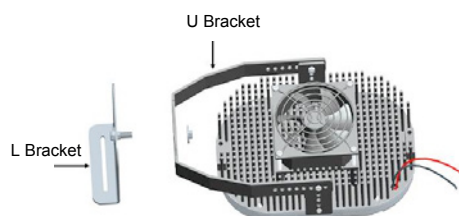


Fig C



PREMIUM QUALITY LIGHTING

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INSTALLATION BY "L" BRACKET (con't)

7. Fix the Secure cord on the other side of LED head to the fixture by screw (see Fig. D)

8. Adjust the retrofit head angle and position so that it provides the best lighting.

9. Remove the PC cover on LED head. The PC cover is only meant to protect the LEDs during transportation and installation. (Fig E).

10. BE SURE THAT NOTHING WILL TOUCH OR FALL INTO THE FAN BLADES AFTER THE FIXTURE IS MOUNTED

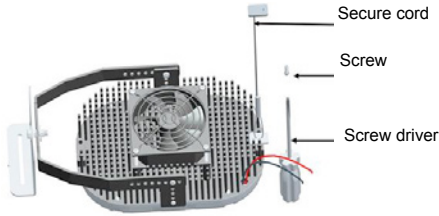


Fig D

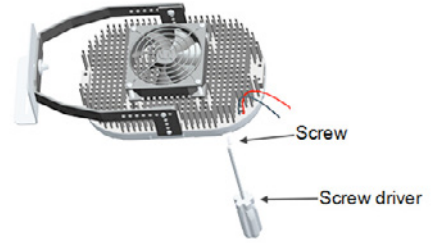


Fig E

INSTALLATION BY FLAT MOUNTING PLATE

A "flat mounting plate" is also provided. The "flat mounting plate" could be used instead of the "L bracket" above and this follows the same basic mounting steps. See (see Fig. F & G).

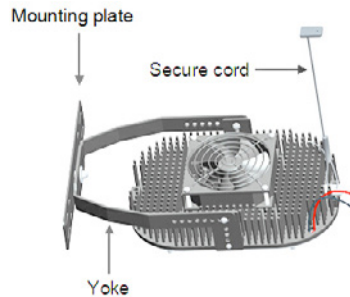


Fig F

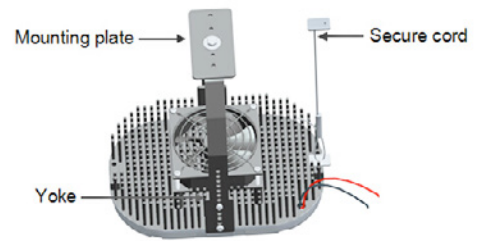
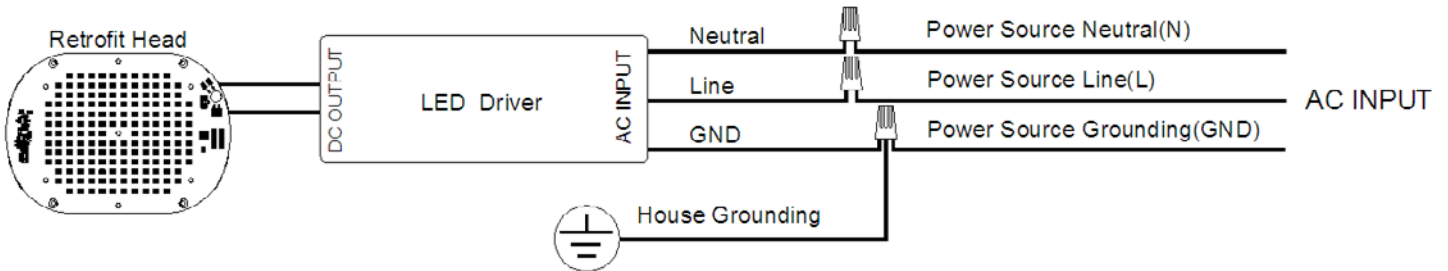


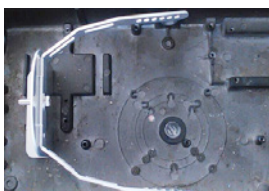
Fig G

WIRING

1. Install the LED driver in place of the ballast. Wire the input source to the LED driver. The proper AC input connections to the driver are marked on the driver. There is a Ground, ACN (Neutral) and ACL (Line)
2. Attach the driver output to the input wires of the LED Head: Connect Red Wire to Red Wire of the LED light, and Black Wire to Black Wire of the light.
3. Re-assemble remaining parts of the fixture and restore power.
4. Never dim a non-dimmable LED driver. Not intended for use with emergency exits.
5. VERY IMPORTANT: MAKE SURE THE WIRING IS PROPERLY GROUNDED.



INSTALLATION EXAMPLES



Wall Pack Installation



Shoe Box/Flood/Area Fixture Installation



High Bay and High Mast Installation