

# INSTALLATION INSTRUCTIONS

## SCST- LED Surface Canopy - Square Thin



### SAFETY PRECAUTION:

**IMPORTANT: READ INSTRUCTIONS CAREFULLY BEFORE INSTALLING. KEEP THESE INSTRUCTIONS FOR FUTURE REFERENCE.**

- 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 APPLICABLE INSTALLATION CODE BY A QUALIFIED ELECTRICIAN WHO IS FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND HAZARDS INVOLVED.
- Suitable for operation in ambient not exceeding 104°F (40°C).

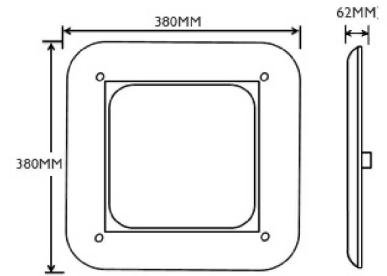
**WARNING: RISK OF FIRE OR ELECTRICAL SHOCK**

- Installation requires knowledge of luminaire electrical systems. If not qualified, DO NOT attempt installation. Contact a qualified electrician.
- 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.

**SUITABLE FOR WET LOCATIONS**

**CAUTION:** For proper waterproof function, all gaskets must be seated properly and all screws inserted and tightened firmly. Apply waterproof silicone sealant around the edge of the Back Box and/or Junction Box as well as the screw holes. This is especially important with an uneven canopy surface. Silicone all plugs and unused conduit entries.

**NOTICE:** The LED driver cannot be exposed to water or sun.

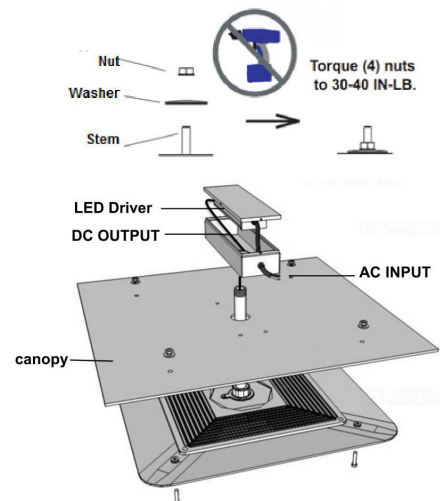


### INSTALLATION:

**ALWAYS TURN OFF THE POWER SUPPLY FROM MAIN CIRCUIT BREAKER FIRST!**

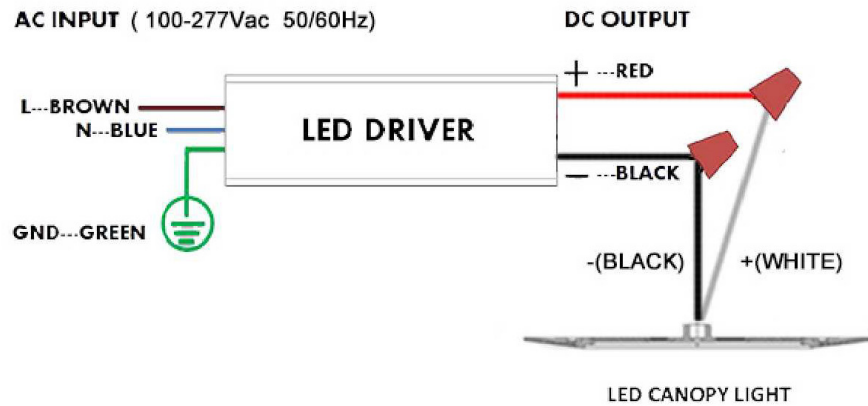
**Mounting Accessories Required (customer supplied): (4) M6\*30 hexagon screws w/nuts, (4) washers, junction box, and 3/4" NPT stem.**

1. Drill (4) 3/8" and (1) 2" holes in between canopy ribs. Deburr all (5) holes.
2. Center luminaire studs into canopy holes and secure luminaire to canopy by washers and nuts. **Warning:** Do NOT over-tighten nuts. Torque specification is 30-40 in. lbs. (Drilling driver NOT recommended--risk of stainless galling and incorrect nut torque!)
3. Connect the LED drive's DC output wires to the luminaire through the stem inside the junction box. Connect the AC power supply to the LED driver inside the junction box.
4. Flip box top over box bottom. Ensure all wiring is inside box and that no wires are pinched. Make sure wire tie keeps wires together and prevents pinching! Secure to box bottom with side screw.
5. Apply sealant around stem, hub, and screw holes as well as the edge of the junction box for a complete seal.



# INSTALLATION CONTINUED:

## WIRING DIAGRAM



**WARNING:** Do not connect the luminaire to AC power supply directly without LED driver.

- Universal voltage driver permits operation at 120-277VAC, 50/60Hz.