

LED Center Basket Troffer (LCB22CTWT, & LCB24CTWT Series)

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.

-WARNING: THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTIONS AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.

-WARNING: TO AVOID SHOCK HAZARD, DISCONNECT THE POWER AT THE PANEL BOARD (CIRCUIT BREAKER BOX) BEFORE BEGINNING INSTALLATION.

-WARNING: RISK OF FIRE, MINIMUM OF 90°C SUPPLY CONDUCTOR. CONSULT A QUALIFIED ELECTRICIAN TO ENSURE CORRECT BRANCH CIRCUIT CONDUCTOR.

-WARNING HANDLE FIXTURE WITH CARE TO AVOID POSSIBLE CUTS OR ABRASIONS FROM EXPOSED METAL EDGES. WE RECOMMEND WEARING GLOVES WHEN INSTALLING THIS KIT.

-WARNING ELECTROSTATIC SENSITIVE DEVICE, OBSERVE PRECAUTIONS FOR HANDLING. PERSONAL GROUNDING EQUIPMENT MUST BE WORN DURING ALL INSTALLATION OR SERVICING OF THE UNIT.

Table 1: Product Specifications

Model ¹	Input Power ² (field selectable)	Input Voltage	CCT ³ (field selectable)	Viewing Angle	Ra	PF	Dimming
LCB22CTWT-MVA	20W/25W/30W/35W	120-277VAC	3000K/3500K/	120°	>80	>0.9	0-10V
LCB24CTWT-MVA	35W/40W/45W/50W		4000K/5000K				

¹Each model can be followed by *MS, EB, ES, WR*, or *(blank)*; *MS* represent dimmable with motion sensor, *EB* represent dimmable with emergency LED driver, *ES* represent with motion sensor and emergency LED driver, *WR* represent wireless dimmable, *(blank)* represents dimmable with no added options ²Wattage tuning with selector switch ³Color tuning with selector switch

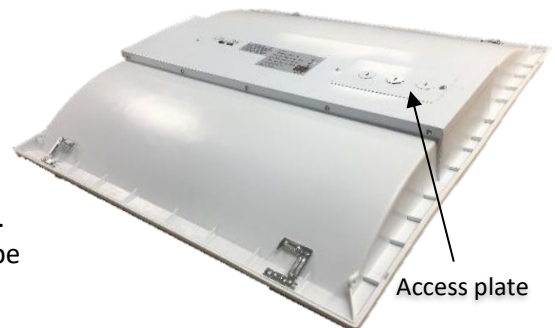
INSTALLATION GUIDE (NEVER connect components under load)

STEP 1. Follow the steps below to install the fixture(s) into a NEMA Type “G” ceiling system, 1” nominal T-bar system:

- a. Raise the fixture through the ceiling opening and rest the fixture in the grid system.
- b. Center the fixture within the grid opening.
- c. Bend, by hand, the built in T-Bar clips to secure the fixture to the T-Bar ceiling. All (4) corners.
- d. Use earthquake clips to secure the fixture to the ceiling structure for added stability.
- e. Refer to local codes for other installation requirements.

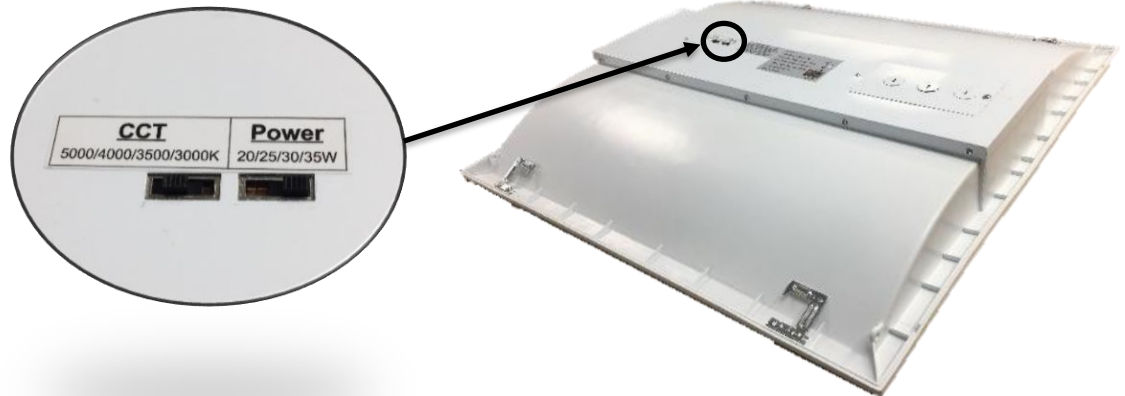
STEP 2. Once the fixture is installed into the ceiling system, follow the steps below to complete necessary electrical connections:

- a. Remove access plate on the back of the fixture
- b. LED driver supply wires are under access plate opening.
- c. For dimming option, connect the purple and gray wires to a 0-10 dimming control.
- d. Make wire connections in accordance with local codes. Ground wire is provided under access plate and must be connected to supply ground.
- e. Replace access plate and secure with screw.



WATTAGE and COLOR Tuning (De-energize fixture before switching wattage or CCT. Failure to do so may damage the LEDs and driver which will void the warranty.)

LCB-CTWT series is a LED center basket luminaire, which is color tunable and wattage tunable using selector switches. Separate labeled switches are provided on the side of driver compartment for CCT and wattage selection as shown in the picture below. Input power setting shown below is simply a representation and varies with ordered configuration as per table 1.

**WARNING**

- LED Panels are not suitable for using in wet locations
- Please keep the LED Panel away from any corrosive substance, and please use dry cloth when you clean it
- LED Panel can only be installed by a qualified electrician.
- Before installation or maintenance, please disconnect the power to prevent electric shock.

The Installation must be carried out by a qualified electrician.