

Project Name: \_\_\_\_\_  
Date: \_\_\_\_\_ Note: \_\_\_\_\_

## LED Center Basket Troffer - TRCB02 Series



**Application:** Perfect for commercial offices, healthcare facilities, schools, retail stores, public buildings, warehouses, kitchens, libraries, museums and etc.

### Certification



### Specifications

| Model                | TRCB02-2X2P-H-TWCCT                        | TRCB02-2X4P-H-TWCCT                  |
|----------------------|--------------------------------------------|--------------------------------------|
| Wattage              | 15/20/25/30/40W Selectable                 | 20/30/40/50/72W Selectable           |
| Size                 | 2x2                                        | 2x4                                  |
| Lumen Output         | 5200LM @40W                                | 9360Lm @72W                          |
| Driver Current (A)   | 0.3415@120V 40W<br>0.1556@277V 40W         | 0.6031@120V 72W<br>0.2674@277V 72W   |
| Dimmable             | 0-10V                                      |                                      |
| Input Voltage        | 120-277VAC                                 |                                      |
| CCT                  | 3000K-3500K-4000K-5000K-6500K Selectable   |                                      |
| Beam Angle           | 110°                                       |                                      |
| CRI                  | Ra>80                                      |                                      |
| IP Rating            | IP20 - Indoor Only                         |                                      |
| Surge Protection     | DM(L/N):1KV,CM (L/N-PE) :2KV               |                                      |
| Working Temperature  | ~4°F ~+113°F / ~20°C ~+40°C                |                                      |
| Body Construction    | Metal - White Finish                       |                                      |
| Life Span            | Lumen Maintenance over 70% @ 50,000+ Hours |                                      |
| DLC ID               | S-C0MGRK                                   | S-BSMR5W                             |
| PCS/BOX              | 2                                          | 2                                    |
| Master Box Dimension | 655x655x105MM<br>25.79"x25.79"x4.13"       | 1260x655x105MM<br>49.6"x25.79"x4.13" |
| Master Box Weight    | 5.62kg/12.39lbs                            | 10.89KG/24.00LB                      |

### Ordering Guide

#### TRCB02-2x2P-H-TWCCT (XX)

**TRCB02:** LED TRCB02 Series Center Basket Troffer

**Size:** 2x2P  
2x4P

**Voltage:** H-120-277V

**Watt:** TW-Tunable Wattage

**CCT:** 3000K-3500K-4000K-5000K-6500K Selectable

**Options:** Blank

MS: Motion Sensor

EM: Emergency Backup

MS/EM: Motion&Emergency

### Option

#### Motion Sensor: MS - ANT-7

|                        |                                  |
|------------------------|----------------------------------|
| Power supply           | 12V-24V DC, >50mA                |
| HF System              | 5.8GHz±75MHz                     |
| Dim control output     | 0-10V, max. 25mA sinking current |
| Detection radius/angle | Max 17ft.(5.2m)/360°             |
| Mounting height        | Max 13ft(4m)                     |
| Remote range           | 50ft. (15m) indoor, no backlight |
| Humidity               | Max. 95% RH                      |
| Temperature            | -40°F ~ 158°F (-40°C ~ 70°C)     |

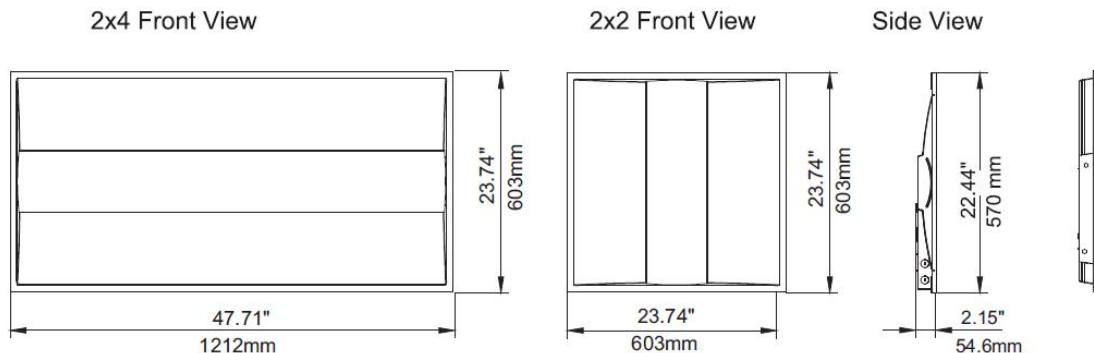
#### Emergency Backup: EM - CM08H-YYY

|                |                |
|----------------|----------------|
| Input Voltage  | 120-347V       |
| Output Voltage | 60-150Vdc      |
| Output Wattage | 8W Max         |
| Emergency Time | >90 Minutes    |
| Battery        | Li-Ion Battery |
| Charging Time  | >24 Hour       |

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### Dimension



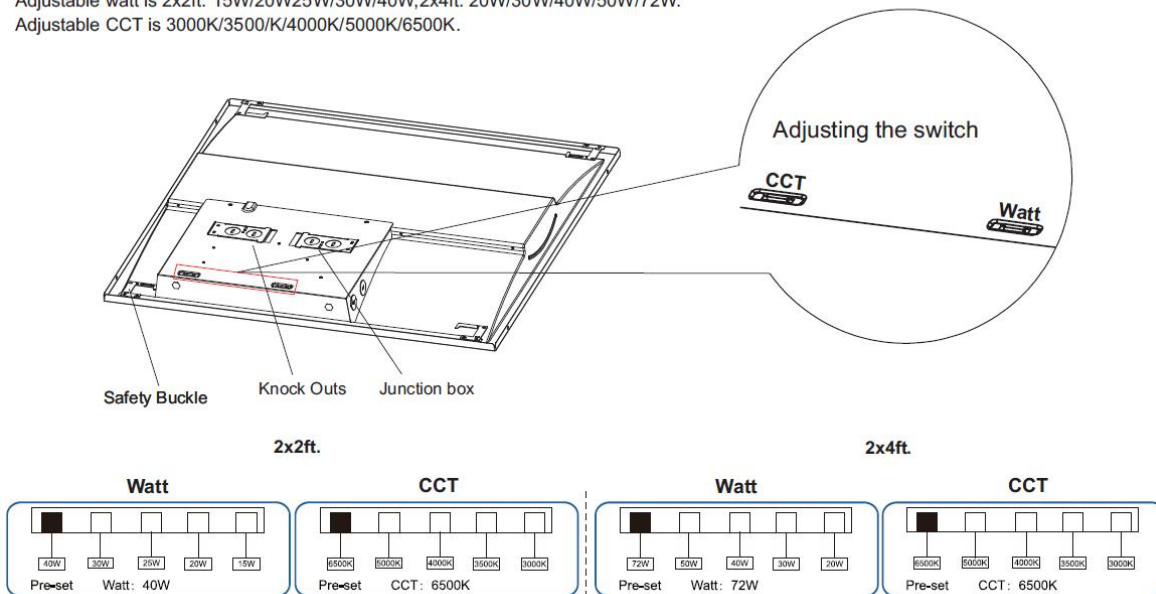
### Operating Guide

#### ADJUSTABLE CCT AND ADJUSTABLE WATT

Adjusting the switch, and making the switch fix on the needed Watt and CCT.

Adjustable watt is 2x2ft: 15W/20W/25W/30W/40W, 2x4ft: 20W/30W/40W/50W/72W.

Adjustable CCT is 3000K/3500K/4000K/5000K/6500K.



#### WIRING DIAGRAM

