

Project: \_\_\_\_\_

Part#: \_\_\_\_\_

Type: \_\_\_\_\_

## Center Basket Troffer

The EnVision LED Center Basket Troffer Series are different from standard troffer in the market. The PC housing makes it unique because it is light, doesn't get damaged or get dings in transit or at the job site, and provides a much cleaner and uniformed light distribution when lit. In addition, EnVision's troffer features a u-shaped heat sink inside in order to spread the beam distribution and give the fixture backlight. Retrofit existing fluorescent troffers used in drop ceilings, enjoy minimal power consumption, long lifespan, and bright illumination.

### Applications:

- Commercial Lighting
- Office Lighting
- Fluorescent Retrofitting
- Surface Mount, Recessed Lighting, T-Bar and Lay-in

### Product Information:

- Flicker-free 0-10V dimmable internal driver
- Up to 56% higher efficiency than fluorescent
- Emergency backup model allows for easy installation
- Single color temperature available: (3500k, 4000k, and 5000k)
- Variable color temperature & brightness model available: (switches between 3000k, 3500k, 4000k, 5000k)



**LED-CBT -** **Size** **Watts** **Color** **Accessories** **BMS** **EMB** **Warranty**

**1** **2** **3** **4** **5** **6** **7** **8**

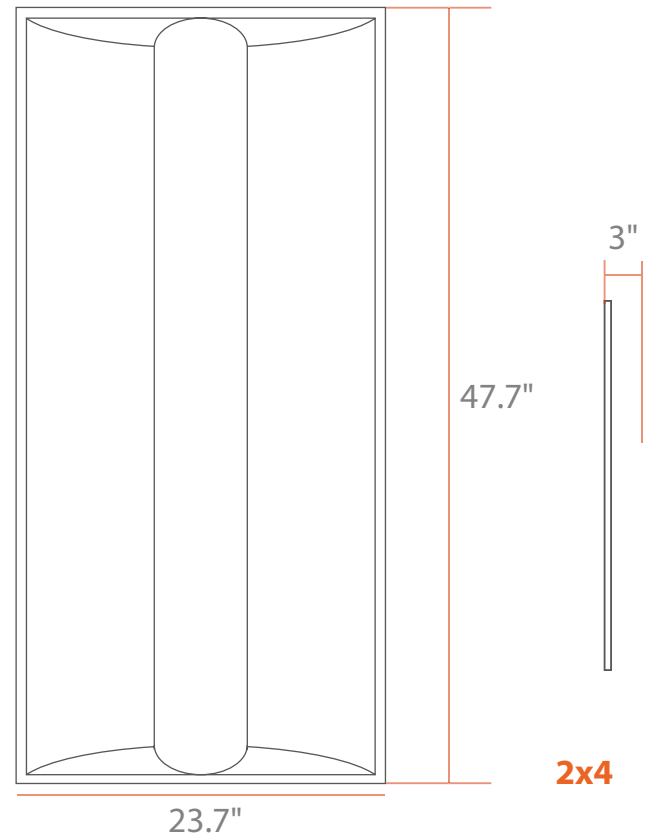
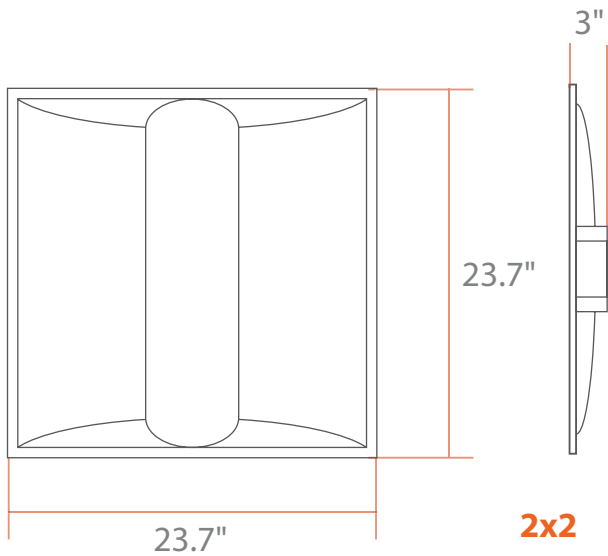
1 Product	2 Size	3 Watts	4 Color	5 Accessories	6 BMS	7 EMB	8 Warranty
LED-CBT	2x2 24" x 24"	28W 28W, 3,640 lm (2x2 only)	(Blank) Only if PC-CCT is chosen	(Blank) 2X2-SM-3.5"	None (Blank)	None	(Blank) 5 Year (incl. 10 Year
	2x4 24" x 48"	35W 35W, 4,550 lm	3500K	2X4 Surface Mount Frame	MS	Motion Sensor (Internal)	
		50W 50W, 6,500 lm (2x4 only)	4000K	2X4 Surface Mount Frame			
			5000K	2X2 Flange Drywall Kit	BMS	Bi-Level Motion Sensor (Internal)	
				2X4 Flange Drywall Kit			
		PC-CCT 20/25/30/35W - 30/35/40/50K (For lumen output see below)	35K 40K 50K	LED-PNL-2X2-FLNG LED-PNL-2X4-FLNG			

### PC-CCT Power & Lumens Ratings

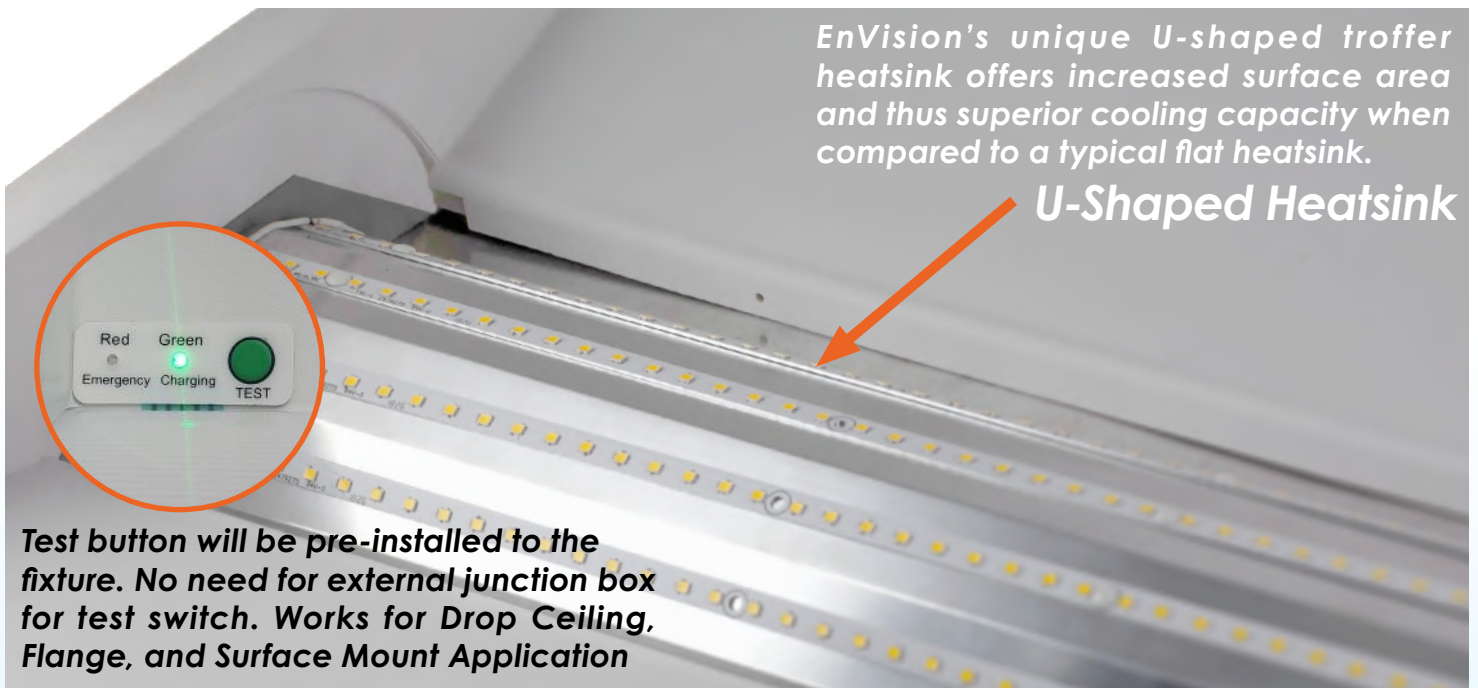
2x2	20W: 2,600lm	2x4	35W: 3,640lm
	25W: 3,250lm		40W: 5,200lm
	30W: 3,900lm		45W: 5,850lm
	35W: 4,550lm		50W: 6,500lm

Specs and model numbers are subject to change with or without notice

**DIMENSIONS**



**FEATURES**



### ACCESSORIES

Easily change color temp. & lighting power with rear-side switches (PW-CCT models only)



Power & luminosity settings vary by size (2x2 shown)



**EMB**  
Emergency Backup Battery



**BMS**  
Bi-Level  
Motion Sensor

2x2

2x4



Surface Mount Frame  
(3.5" Height)

2x4

2x2



Flange Drywall Kit

### FIXTURE & ACCESSORY REFERENCE TABLE

Fixture Model	Voltage	Watts	Lumens	Color	CRI
LED-CBT-2X2-28W-50K-HL	120-277V	28w	3,640	5000K	>80
LED-CBT-2X2-28W-40K-HL	120-277V	28w	3,640	4000K	>80
LED-CBT-2X2-28W-35K-HL	120-277V	28w	3,640	3500K	>80
LED-CBT-2X2-35W-50K-HL	120-277V	35w	4,550	5000K	>80
LED-CBT-2X2-35W-40K-HL	120-277V	35w	4,550	4000K	>80
LED-CBT-2X2-35W-35K-HL	120-277V	35w	4,550	3500K	>80
LED-CBT-2X2-PC-CCT-HL	120-277V	20-40	Variable	Variable	>80
LED-CBT-2X4-35W-50K-HL	120-277V	35w	4,550	5000K	>80
LED-CBT-2X4-35W-40K-HL	120-277V	35w	4,550	4000K	>80
LED-CBT-2X4-35W-35K-HL	120-277V	35w	4,550	3500K	>80
LED-CBT-2X4-50W-50K-HL	120-277V	50w	6,500	5000K	>80
LED-CBT-2X4-50W-40K-HL	120-277V	50w	6,500	4000K	>80
LED-CBT-2X4-50W-35K-HL	120-277V	50w	6,500	3500K	>80
LED-CBT-2X4-PC-CCT-HL	120-277V	35-50	Variable	Variable	>80

Accessory Model	Description
LED-EMB-15W-LV	Emergency Backup Battery
2X2-SM-3.5"	2X2 Surface Mount Kit (3.5" Height)
2X4-SM-3.5"	2X4 Surface Mount Kit (3.5" Height)
LED-PNL-2X2-FLNG	2X2 Flange Mount Kit
LED-PNL-2X4-FLNG	2X4 Flange Mount Kit

5000k

4000k

3500k

3000k

## WIRING DIAGRAM

