EnVisionLED™

2x2

2x4

Variable Color Temp.

Emergency Backup

2x2

2x4

Surface Mount Frame - 3.5" Height (Flange Drywall Kit also Available)

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)

L E D - C B T - 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" 2x4 24" x 48"	28W 35W 50W	28W, 3,640 lm (2x2 only) 35W, 4,550 lm 50W, 6,500 lm (2x4 only)	**(Blank)** Only if PC-CCT is chosen	**(Blank)** 3500K 4000K 5000K	None 2X2-SM-3.5" 2X2 Surface Mount Frame 2X4-SM-3.5" 2X4 Surface Mount Frame LED-PNL-2X2-FLNG 2X2 Flange Drywall Kit LED-PNL-2X4-FLNG 2X4 Flange Drywall Kit	**(Blank)** None MS Motion Sensor (Internal) BMS Bi-Level Motion Sensor (Internal)	**(Blank)** None EMB Emergency Backup (90 Mins. Internal 15W)	**(Blank)** 5 Year (incl.) 10YR 10 Year
		PC-CCT	20/25/30/35W - 30/35/40/50K (For lumen output see below)						

(color column: 35K, 40K, 50K)

PC-CCT Power & Lumens Ratings

2x2		2x4	
20W : 2,600lm		**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

0-10V Dimmable   cULus LISTED   DLC PREMIUM
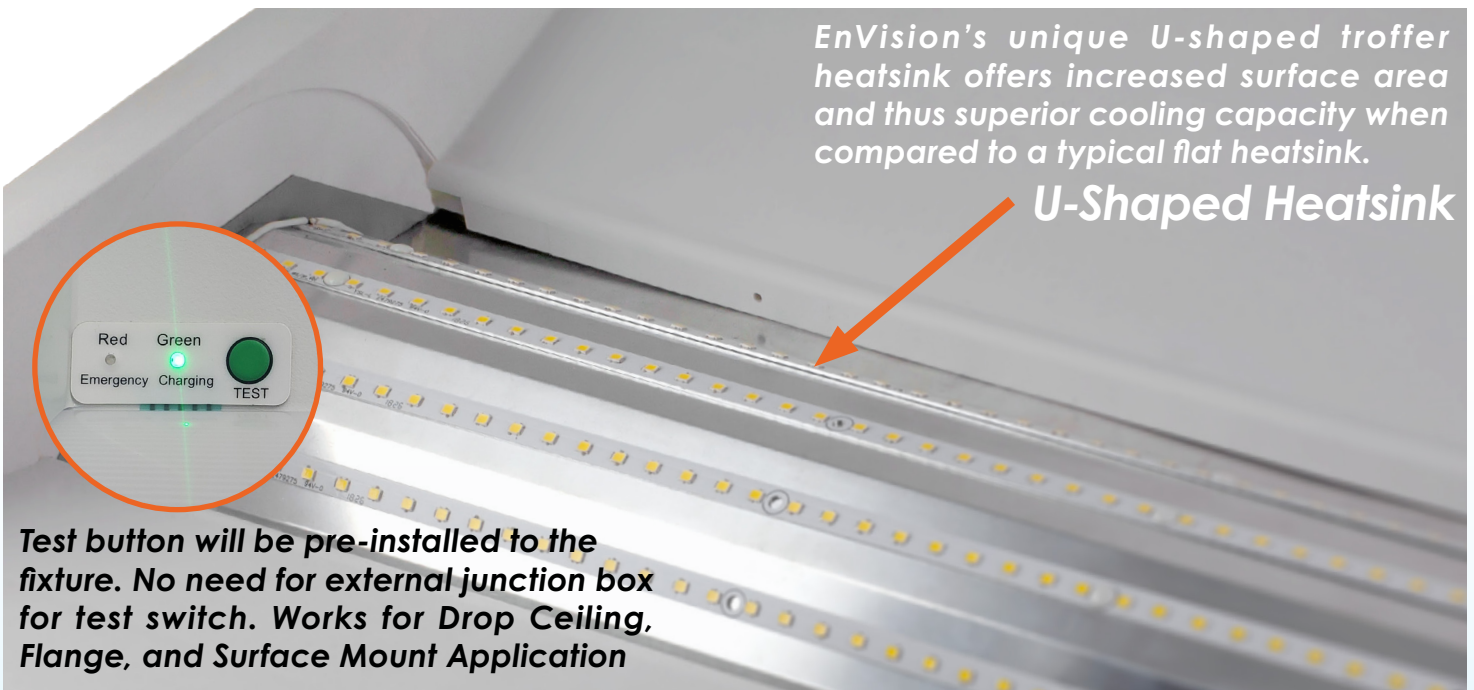
DIMENSIONS

3"

23.7"

23.7"

2x2

3"

47.7"

23.7"

2x4
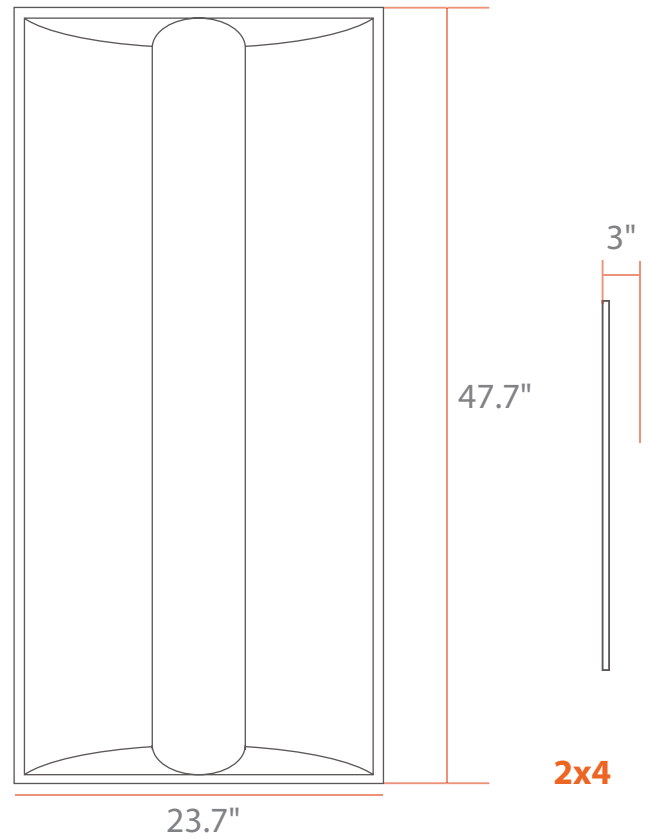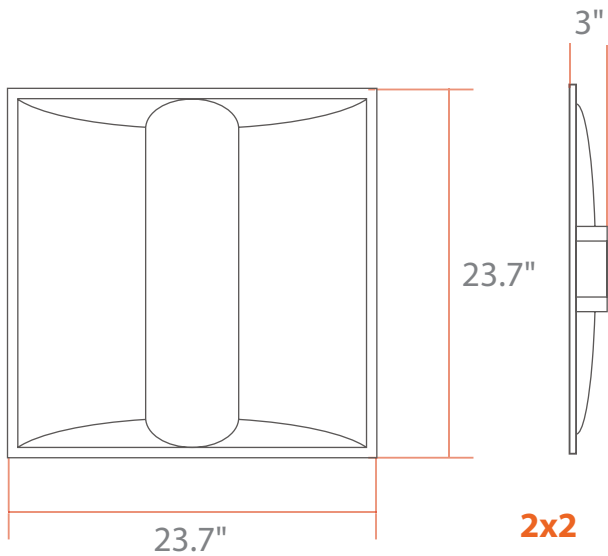
FEATURES

EnVision's unique U-shaped troffer heatsink offers increased surface area and thus superior cooling capacity when compared to a typical flat heatsink.

U-Shaped Heatsink

Red — Emergency
Green — Charging
TEST

Test button will be pre-installed to the fixture. No need for external junction box for test switch. Works for Drop Ceiling, Flange, and Surface Mount Application

EnVisionLED™

Center Basket Troffer

ACCESSORIES

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

CCT	Power
5000/4000/3500/3000K	20/25/30/35W
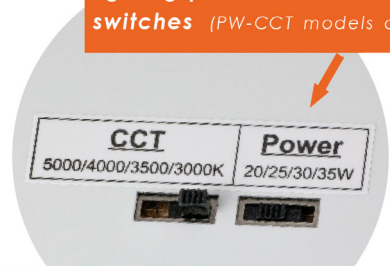
Power & luminosity settings vary by size (2x2 shown)

Red   Green
Emergency Charging   TEST

EMB
Emergency Backup Battery

BMS
Bi-Level Motion Sensor

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

2x2   **2x4**

2x4   **2x2**

Surface Mount Frame (3.5" Height)

Flange Drywall Kit

5000k

4000k

3500k

3000k

WIRING DIAGRAM

Dimmer

| L_in | L_out | N | 0-10v + | - |

Troffer

| Dim+ | Dim- | L | N | Ground |

Troffer

| Dim+ | Dim- | L | N | Ground |

Live

Neutral

Ground

Live

Neutral

Ground

Troffer