

TFC Series

CCT & Wattage Adjustable Floating Curved Troffer

Fixture Type:

Project Name:

Location:

Date:

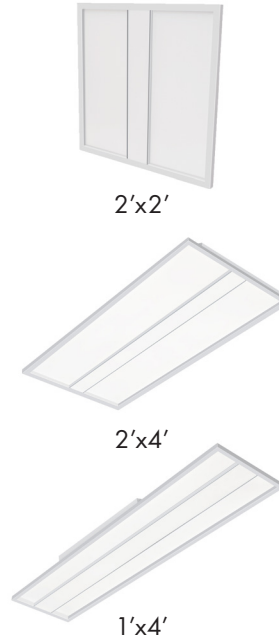
Features

- Low profile design LED floating curved troffer available in 1'x4', 2'x2' and 2'x4'
- Extruded aluminum housing with powder coat white finish
- Wattage selectable
- 1'x4' 25W/30W/35W 2'x2' 25W/30W/35W 2'x4' 30W/40W/50W
- 3CCT adjustable 3500K/4000K/5000K, 80 CRI
- Up to 110lm/W efficacy
- Recessed mount fit most T-grid system
- Flange kit for the dry wall mount available
- Optional accessories emergency battery backup available

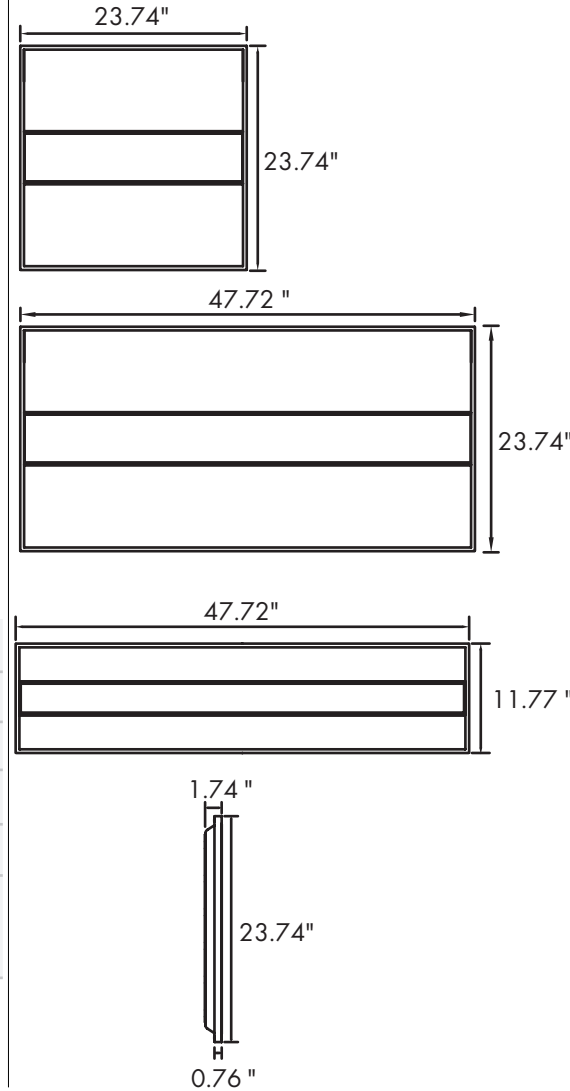


Product Performance Standard

Size	1' x 4' or 2' x 2' or 2' x 4'	Power Factor	90%
Weight	5lbs/9lbs	Life Span	50,000 Hrs
IP Rate	Damp Location	Dimmable	1-10V Dimmable
Color Temp	3CCT 35K/40K/50K	Efficacy	Up to 110 lm/W
CRI	80	Warranty	5 Years
Input Voltage	100-277V	Ambient Operation Temperature	-20C° (-4°F) ~40C° (104°F)



Dimensions



Ordering Guide

Example: TFC-2x4UW3CCT50W

Fixture Type	Size	Wattage	CCT	Wattage Options	Accessories
TFC	1x4 = 1'x4' 2x2 = 2'x2' 2x4 = 2'x4'	UW =25W/30W/35W(1X4) 25W/30W/35W(2X2) 30W/40W/50W(2X4)	3CCT = 35K/40K/50K	35W = Maximum Wattage 35W (1X4,2X2) 50W =Maximum Wattage 50W (2X4)	Blank = No accessories EM = Emergency Battery Backup TFC-FM = Flange Kit for Dry Wall Mount

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Product Information

1'x4'		3500K		4000K		5000K	
WATTAGE	LUMEN	EFFICACY	LUMEN	EFFICACY	LUMEN	EFFICACY	
25W	2675lm	107m/W	2725lm	109lm/W	2750lm	110lm/W	
30W	3210lm	107m/W	3270lm	109lm/W	3300lm	110lm/W	
35W	3745lm	107m/W	3815lm	109lm/W	3850lm	110lm/W	

2'x2'		3500K		4000K		5000K	
WATTAGE	LUMEN	EFFICACY	LUMEN	EFFICACY	LUMEN	EFFICACY	
25W	2675lm	107m/W	2725lm	109lm/W	2750lm	110lm/W	
30W	3210lm	107m/W	3270lm	109lm/W	3300lm	110lm/W	
35W	3745lm	107m/W	3815lm	109lm/W	3850lm	110lm/W	

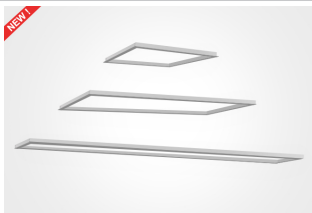
2'x4'		3500K		4000K		5000K	
WATTAGE	LUMEN	EFFICACY	LUMEN	EFFICACY	LUMEN	EFFICACY	
30W	3210lm	107m/W	3270lm	109lm/W	3300lm	110lm/W	
40W	4280lm	107m/W	4360lm	109lm/W	4400lm	110lm/W	
50W	5350lm	107m/W	5450lm	109lm/W	5500lm	110lm/W	

Optional Accessories



Internal emergency battery backup

- SKU: TFC-EMBK
- Internal emergency battery backup is pre-install.
- 6W provide 660 lumen in emergency operation for 90 minutes.



Recessed Flange Kit

- SKU: TFC-FM
- Flange Kit for recessed dry wall mount

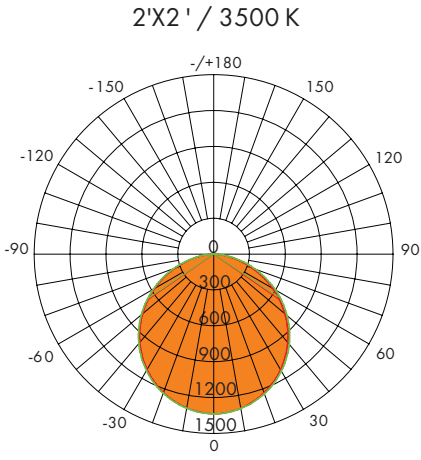
For the accessories detail, please visit www.lironlighting.com/product_categories/add-on-accessories

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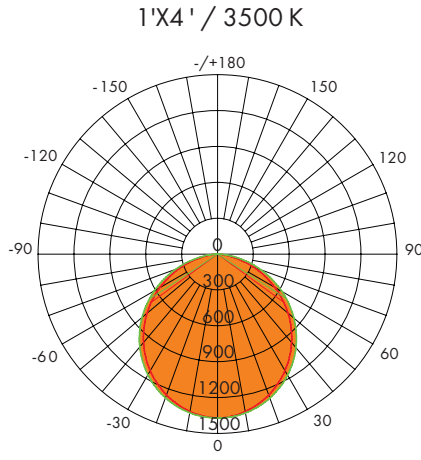
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Distribution Diagram



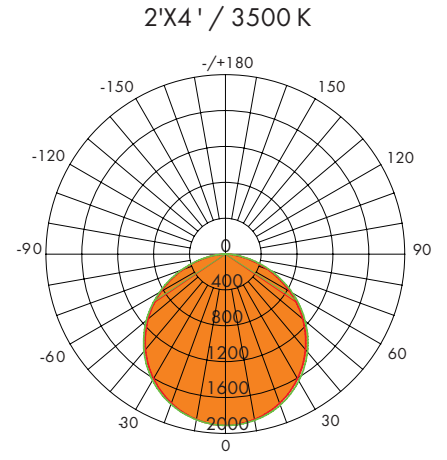
Test Number: TR22-DM-TWTS
 Lumens: 3747.4 Lm
 Watts: 33.80 W
 LPW: 110.86 Lm/W
 CCT: 3500K

UNIT: c d
 — C0/180, 110.8°
 — C30/270, 112.6°



Test Number: TR14-DM-TWTS
 Lumens: 3786.8 Lm
 Watts: 33.72 W
 LPW: 112.30 Lm/W
 CCT: 3500K

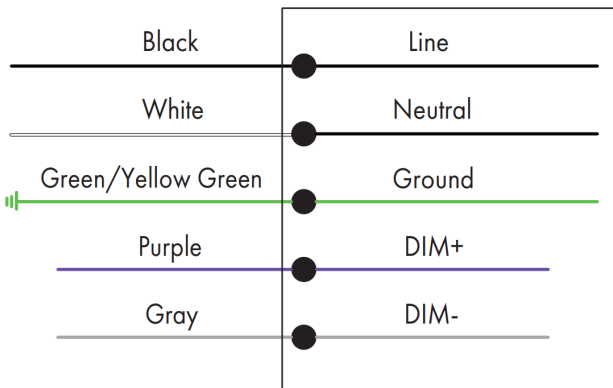
UNIT: c d
 — C0/180, 108.0°
 — C30/270, 113.7°



Test Number: TR24-DM-TWTS
 Lumens: 5425.2 Lm
 Watts: 48.74 W
 LPW: 111.32 Lm/W
 CCT: 3500K

UNIT: c d
 — C0/180, 111.5°
 — C30/270, 113.6°

Wiring Diagram



Scan the QR code or visit www.lironlighting.com/product/TFC for the complete luminaire installation guide.