LIRON LIGHTING
YOUR RELIABLE LIGHTING SOURCE

TFC Series

FIXTURE TYPE:
PROJECT NAME:
LOCATION:
DATE:

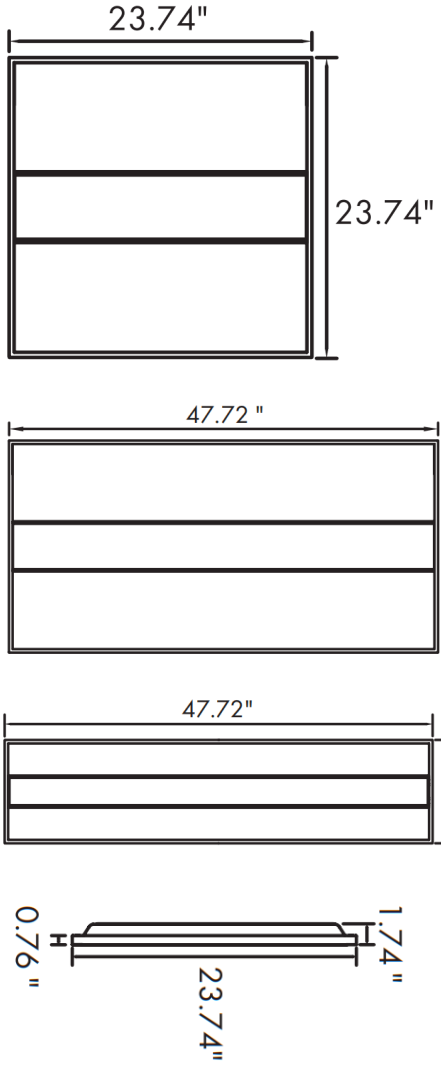
CCT & WATTAGE ADJUSTABLE BACK-LIT TROFFER


2′x2′


2′x4′


1′x4′

Dimensions



Product Performance Standard

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

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CCT & WATTAGE ADJUSTABLE BACK-LIT TROFFER

Features

- Low profile design LED floating curved troffer troffer available in1'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

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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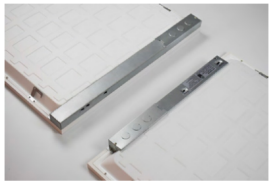
Product Information

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

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

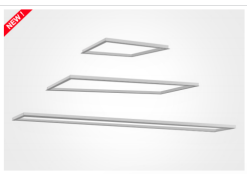
2'x4'	3500K		4000K		5000K	
WATTAGE	LUMEN	EFFICACY	LUMEN	EFFICACY	LUMEN	EFFICACY
30W	3210lm	107lm/W	3270lm	109lm/W	3300lm	110lm/W
40W	4280lm	107lm/W	4360lm	109lm/W	4400lm	110lm/W
50W	5350lm	107lm/W	5450lm	109lm/W	5500lm	110lm/W

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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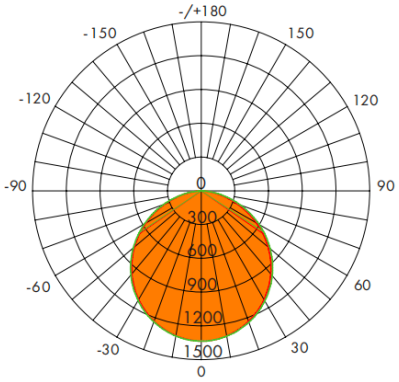
TFC Series

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CCT & WATTAGE ADJUSTABLE FLOATING CURVED TROFFER

Distriution Diagram

2'X2 ' / 3500 K

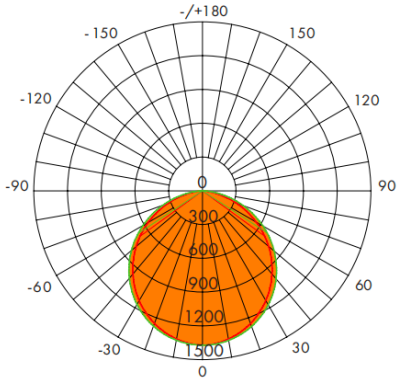


AVERAGE BEAM ANGLE(50%): 111.7°

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°

1'X4 ' / 3500 K

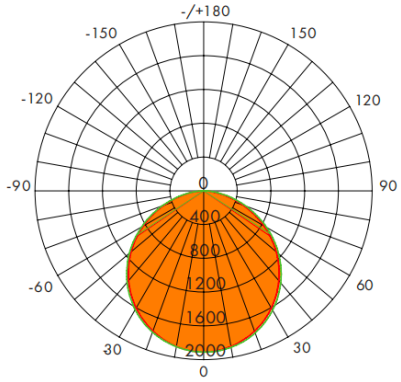


AVERAGE BEAM ANGLE(50%): 110.8°

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°

2'X4 ' / 3500 K

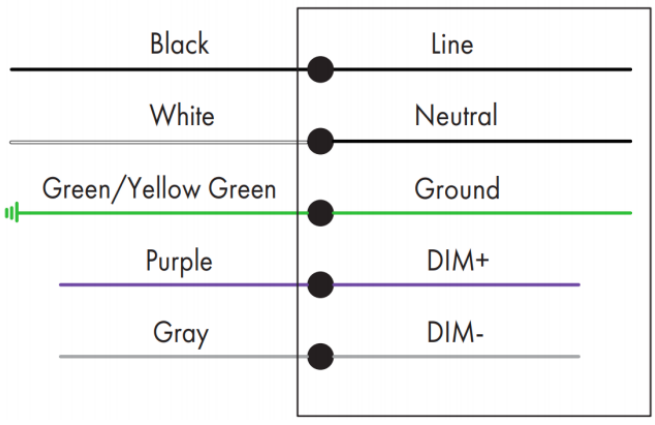


AVERAGE BEAM ANGLE(50%): 112.5°

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 luminare installation guide.