naturaled®

TF | TROFFER CCT3 (TAA Compliant)

DESCRIPTION

The naturaLED Troffer is an excellent choice for interior lighting solutions. This TAA-compliant and DLC Premium fixture is available in 2'x2' and 2'x4' sizes and is specifically designed for T-Bar/Grid ceiling installations. Optional features include an Emergency LED Driver. Its lightweight, bug-free lens ensures superior light distribution, while wattage- and CCT-selectable options offer versatility for a variety of environments.

TAA (Trade Agreements Act) Meaning:
TAA compliance indicates that the product is manufactured in the United States or in a country that has a trade agreement with the U.S., making it eligible for use in federal government projects.

APPLICATIONS

Conference, Meeting Rooms, Factories, Offices, Schools, Hospitals

Rated Life Hours 50,000
Warranty 5 Years

FEATURES

- DLC Premium
- ETL/cETL Listed
- Damp Location
- TAA-Compliant
- Wattage & Color Selectable

- Wattages: 20~40W, 30~50W
- Color Temp: CCT3 (35/40/50K)
- Voltage: 120-277V
- Dimmable: 0-10V
- CRI:> 80
- Operating temperature: - 4°F - 122°F
- Power Factor: >0.9
- Beam Angle: 115°
- Easy installation for retrofit replacement
- Available in 2'x 2' or 2'x 4' length
- Material: Steel
- Lens: Polycarbonate Lens
- 5 Year Warranty
- Optional for Puchase: Emergency Driver, Ceiling Mount, Flange Mount, Air Craft Cable

ACCESSORIES

	Air Craft Cable
	Emergency Driver
	Flange/Ceiling Mount Kit
	Surge Protection

SAMPLE NUMBER	TF40S/2X2/8C3/TAA					
SERIES	**WATTAGE**	**SELECTABLE**	**LENGTH**	**CRI**	**COLOR TEMP**	**CERTIFICATION**
TF	40	S	2x2	8	C3	TAA
Troffer	40 Watt	Selectable Wattage	2-ft x 2-ft	CRI 80	Selectable Color Temp (35/40/50K)	TAA Compliant

ORDERING

*P= Premium DLC / *S = Standard DLC

Ordering Code	Description	Watts (W)	Lumens (Lm)	CCT (K)	Equiv. Wattage (W)	Voltage	Size	Damp Location	DLC (S/P)
9815	TF40S/2X2/8C3/TAA	20	2,600	3CCT	60-100W	120-277V	2'x2'	•	P
		30	3,900	(35/40/50K)					
		40	5,200						
9816	TF50S/2X4/8C3/TAA	30	3,900	3CCT	90-130W	120-277V	2'x4'	•	P
		40	5,200	(35/40/50K)					
		50	6,500						

ACCESSORIES (Ordered Separately)

### Air Craft Cable

P10147 MT-ACC-4FT
(4-ft cable)

P10144 MT-ACC-10FT
(10-ft cable)

Flange Mounting Kit

P10228 MT-2x2FMBOX
(2' x 2' Flange Mount Kit)

P10229 MT-2x4FMBOX
(2' x 4' Flange Mount Kit)

Emergency Driver Kit

7336 BAEM4-60BC/MV-A
(4W CEC-Compliant LED Emergency Driver 120-277V)

7347 BAEM4-55BC/347-A
(4W CEC-Compliant LED Linear Emergency Driver 120-347V)

7338 BAEM8L-60BC/347-A
(8W CEC-Compliant LED Linear Emergency Driver 120-347V with 24'' Conduit)

Ceiling Mount Kit (3.0" Height)

P10417 MT-2X2BOX-3.0in
(2'x2' Panel Surface Mount Kit-3.0"height)

P10418 MT-2X4BOX-3.0in
(2'x4' Panel Surface Mount Kit-3.0"height)

Ceiling Mount Kit

P10335 MT-2X2BOX-4.5in
(2'x2' Panel Surface Mount Kit)

P10336 MT-2X4BOX-4.5in
(2'x4' Panel Surface Mount Kit)

Surge Protection

P10389 SPD-L-10KV-277
(Surge Protection 10KV 120-277V)

P10390 SPD-L-20KV-277
(Surge Protection 20KV 120-277V)

DIMENSIONS

20/30/40 S/Wattage
5.10-lbs

23.7 in (603 mm)

23.7 in (603mm)

2 in (52 mm)

30/40/50 S/Wattage
9.05-lbs

23.7 in (603 mm)
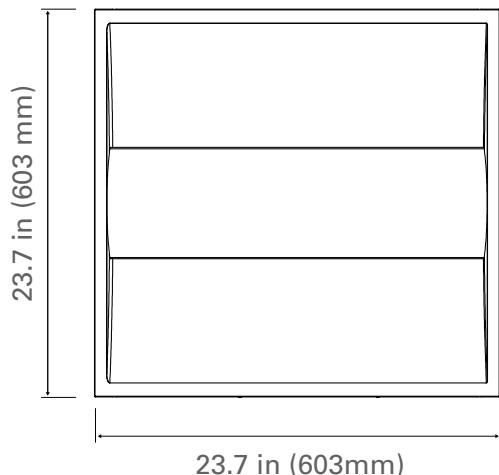
47.8 in (1213mm)
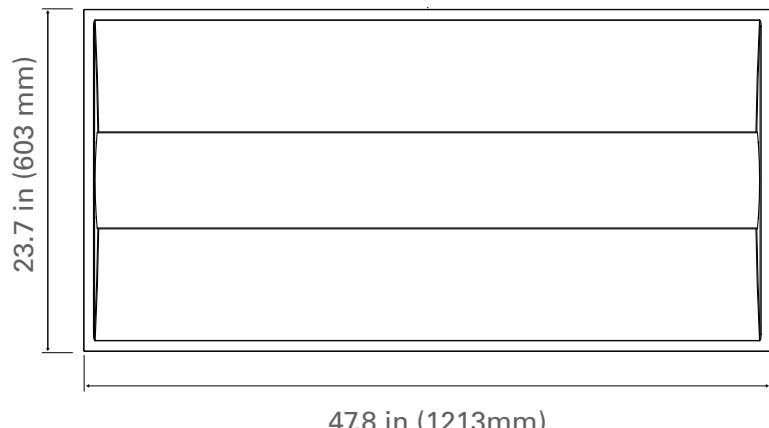
2 in (52 mm)

PACKAGE

	Master Carton (pc)	Dimensions (in)	Weight (lb)
2'x2'	2	25"x4.5"x24.8"	10.50
2'x4'	2	49"x4.5"x24.8"	18.50
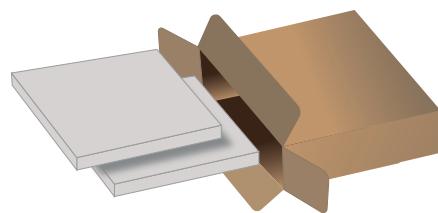
PHOTOMETRICS

2'x2'
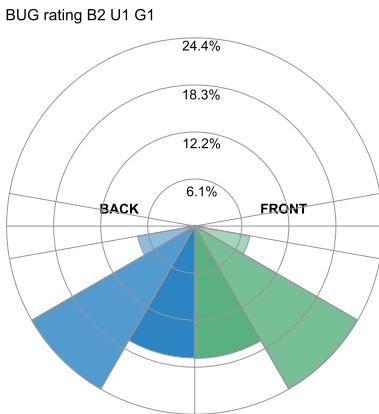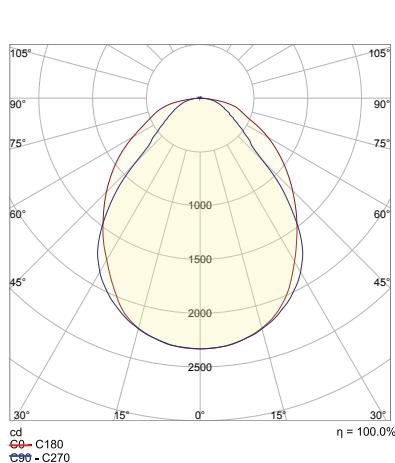
BUG rating B2 U1 G1

	Illuminance at a Distance		
	Center Beam fc	Beam Width	
1.67M	77.9 fc	3.55 M	2.98 M
3.33M	19.5 fc	7.09 M	5.96 M
5.00M	8.67 fc	10.63 M	8.94 M
6.67M	4.87 fc	14.18 M	11.92 M
8.33M	3.12 fc	17.72 M	14.91 M
10.00M	2.17 fc	21.27 M	17.89 M

Vert. Spread: 93.5°
Horiz. Spread: 83.6°
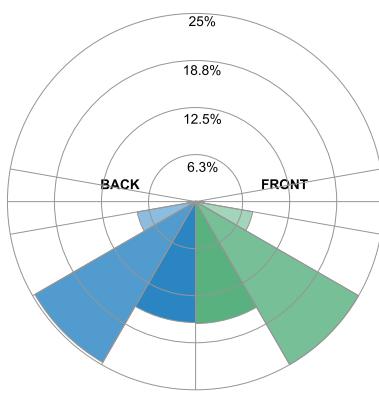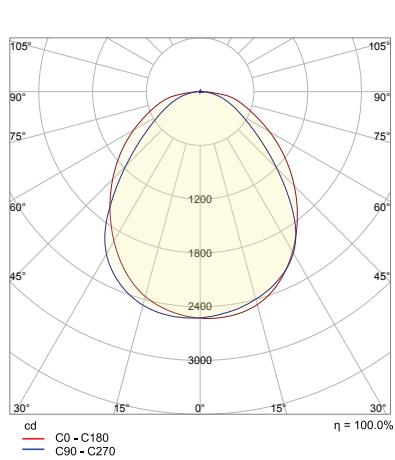
cd
C0 - C180
C90 - C270
η = 100.0%

2'x4'

BUG rating B2 U1 G1

	Illuminance at a Distance		
	Center Beam fc	Beam Width	
1.67M	84.4 fc	3.88 M	3.21 M
3.33M	21.1 fc	7.75 M	6.41 M
5.00M	9.39 fc	11.63 M	9.61 M
6.67M	5.28 fc	15.50 M	12.82 M
8.33M	3.38 fc	19.38 M	16.02 M
10.00M	2.35 fc	23.26 M	19.23 M

Vert. Spread: 98.6°
Horiz. Spread: 87.8°

cd
C0 - C180
C90 - C270
η = 100.0%