

TUNABLE LED TROFFER · 1X4 · 2X2 · 2X4

Troffer light

Field-adjustable: power and colour temperature are set with switches, 3500 / 4000 / 5000 / 5700 / 6500 K, so one troffer replaces several stocked colour temperatures. 0–10 V dimming and a sensor receptacle built into the frame.

6,182 lm	15–50 W	5 CCT	50,000 h
LUMENS (MAX), 2X4 MODEL	TUNABLE WATTAGE RANGE	3500 – 6500 K SELECTABLE	LIFE SPAN

PROJECT _____ TYPE _____ CATALOG NO. _____ DATE _____

ETL · FCC · ROHS · CE

Specification and features

Ideal for office spaces, walkways, schools and campuses, shopping centers, and the hospitality and health care industries.

CCT	3500 K / 4000 K / 5000 K / 5700 K / 6500 K tunable	CRI	Ra > 80
INPUT VOLTAGE	AC120-277V / AC120-347V	DISTRIBUTION	120°
POWER FACTOR	> 0.9	DRIVER EFFICACY	> 85%
LIFE SPAN	> 50,000 hours	WORKING TEMPERATURE	-40°F to 113°F
STORAGE TEMPERATURE	-40°F to 158°F	OUTDOOR RATING	IP40, suitable for damp locations
LISTING	ETL listed, FCC, RoHS, CE	WARRANTY	5 years limited

Features

Construction: one-piece ribbed unitized housing with interlocking corners, preventing damage to the luminaire.

All sides and corners are turned in and hemmed, removing sharp edges for safe handling and installation.

Electrical: built with the highest quality 120–277 Vac and 120–347 Vac drivers.

Optical system designed to reduce glare and improve light distribution.

Dimming: 0–10 V dimmable as standard.

Power and CCT are selected with switches on the luminaire.

Sensor receptacle pre-embedded in the profile frame: quick and easy in-field installation of sensors. Multiple sensor solutions available.

Listing: ETL listed, FCC, RoHS, CE.

5-year limited warranty, rated for 50,000 hours.

Accessories · sold separately



External sensor
Plugs into the sensor receptacle pre-embedded in the profile frame; in-field installation.



Emergency driver

Performance data, every model

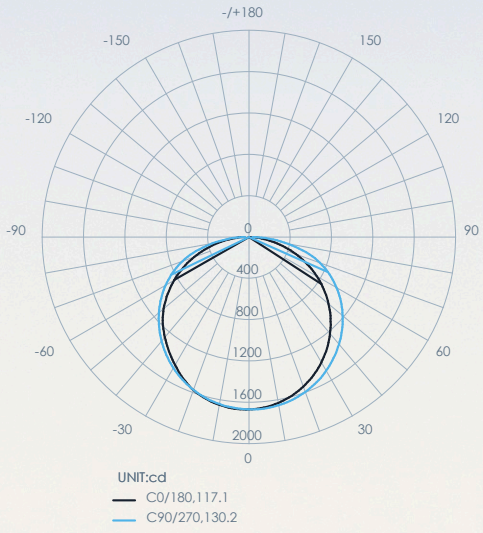
Tunable wattage range and maximum lumens of each size.

Models

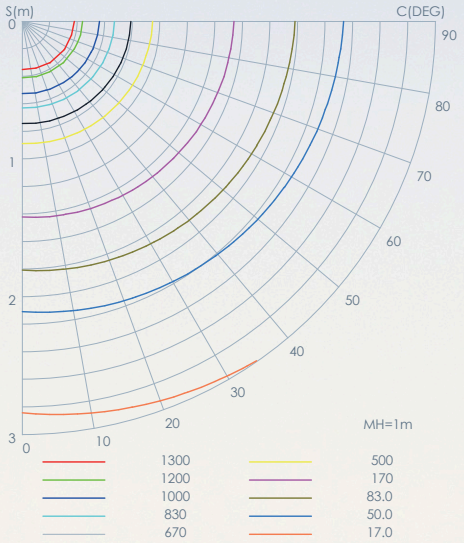
TUNABLE WATTAGE

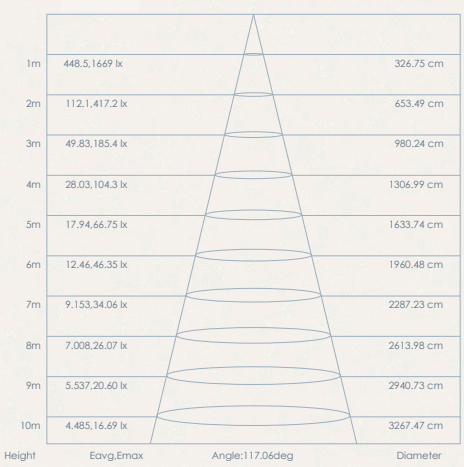
SIZE	MODEL	WATTAGE	LUMENS (MAX)
1 × 4 ft	TRF14-TCP40W-CCT	40 / 30 / 25 / 20 / 15 W	6,179 lm
2 × 2 ft	TRF22-TCP40W-CCT	40 / 30 / 25 / 20 / 15 W	6,142 lm
2 × 4 ft	TRF24-TCP50W-CCT	50 / 40 / 35 / 30 / 25 W	6,182 lm

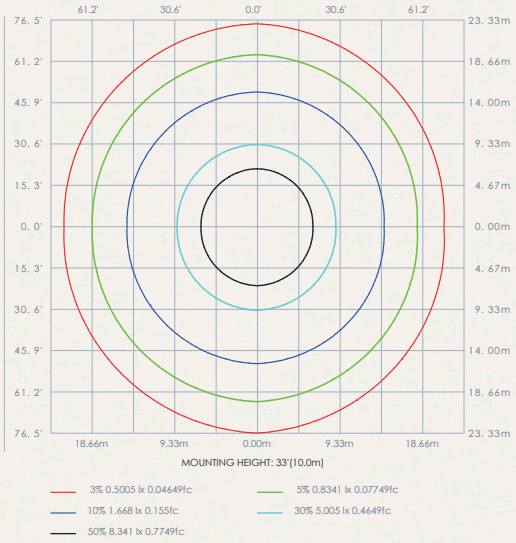
Photometrics · 1 x 4 · 40 W · 5000 K



AVERAGE BEAM ANGLE(50%):123.6 DEG

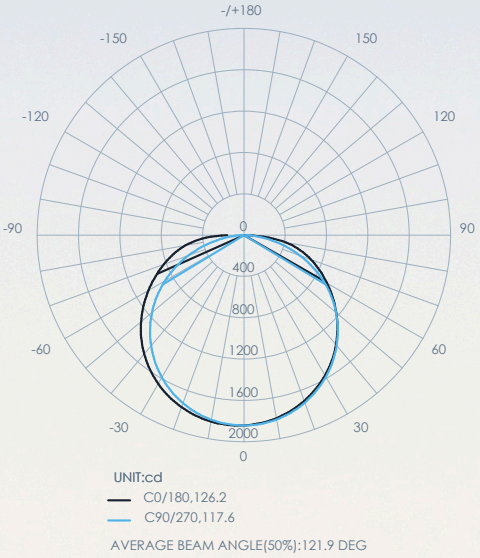


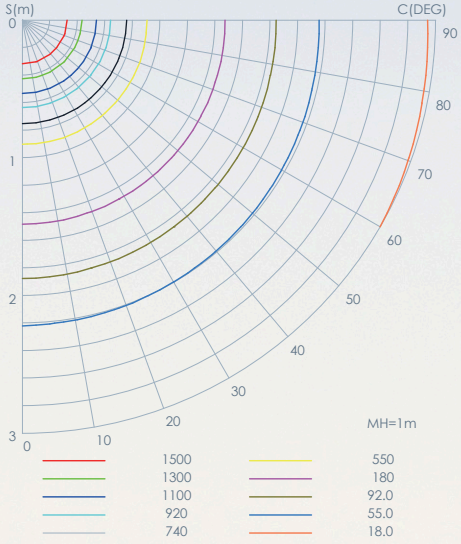


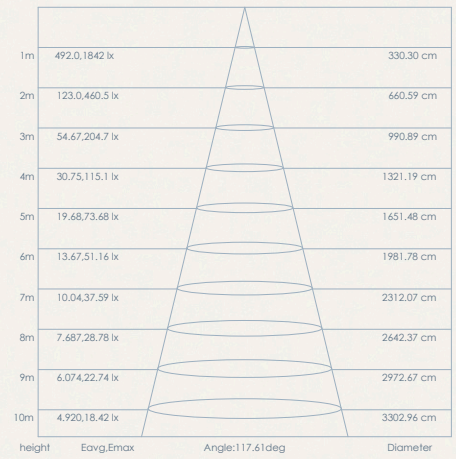


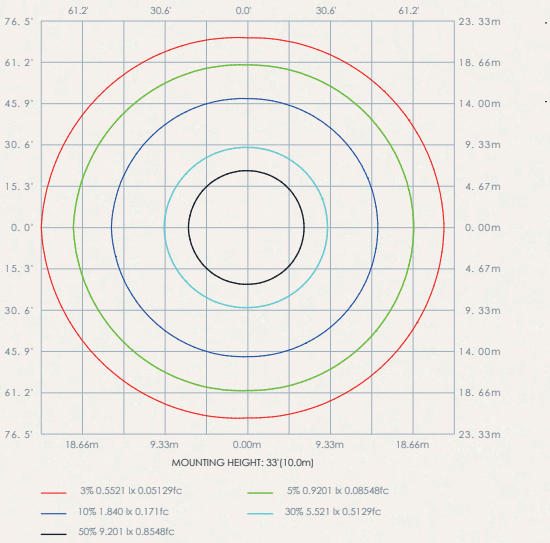
TRF14-TCP40W-CCT at 40 W, 5000 K. Drawn from the factory vector data.

Photometrics · 2 x 2 · 40 W · 5000 K



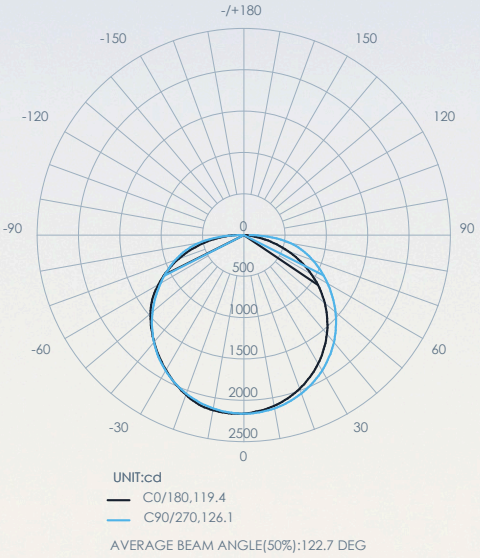


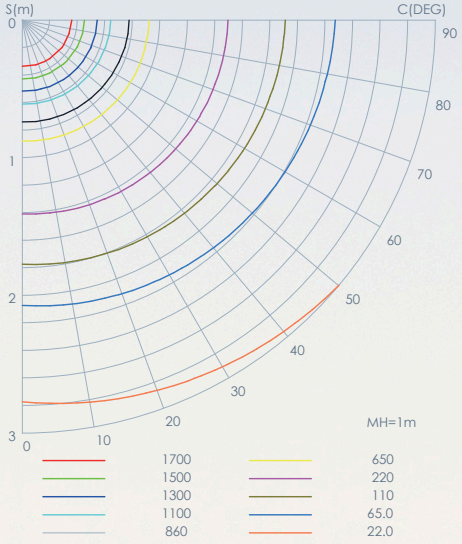


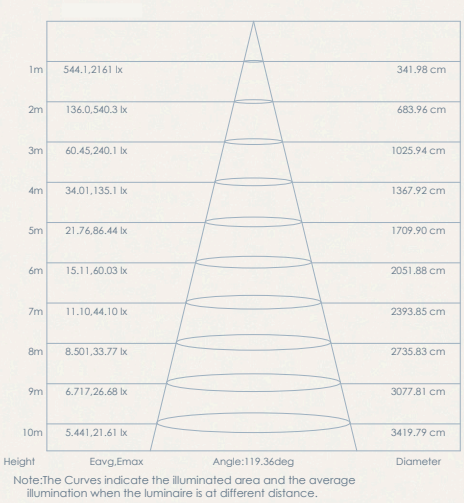


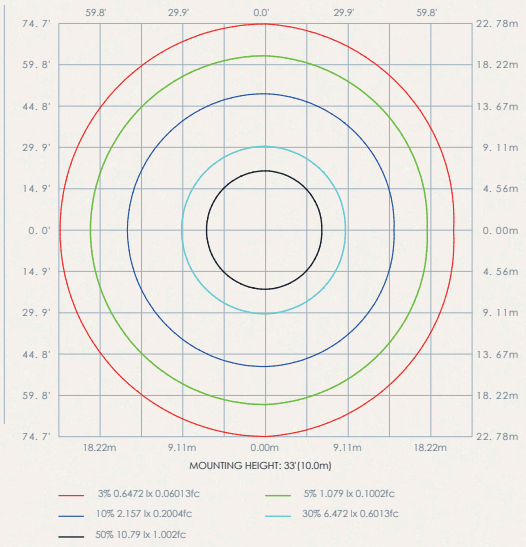
TRF22-TCP40W-CCT at 40 W, 5000 K. Drawn from the factory vector data.

Photometrics · 2 x 4 · 50 W · 5000 K









TRF24-TCP50W-CCT at 50 W, 5000 K. Drawn from the factory vector data.

Ordering guide

Catalog number breakdown

LEFT TO RIGHT

TRF – 24 – TCP – 50W – CCT – Y

1 2 3 4 5 6

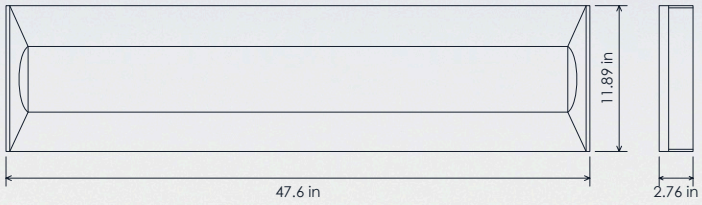
1	Product	TRF	LED troffer light
2	Size	14 · 22 · 24	14 = 1 x 4 ft · 22 = 2 x 2 ft · 24 = 2 x 4 ft
3	Function	TCP	Tunable CCT and power
4	Power	40W · 50W	40W = 40 / 30 / 25 / 20 / 15 W · 50W = 50 / 40 / 35 / 30 / 25 W
5	CCT	CCT	3500 K / 4000 K / 5000 K / 5700 K / 6500 K tunable
6	Control	Y	A = PIR sensor (occupancy sensor) · B = MS sensor (occupancy sensor) · BT = Bluetooth sensor · blank = no sensor

EXAMPLE TRF24-TCP50W-CCT-Y

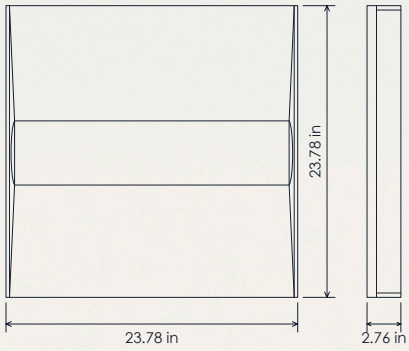
Dimensions and mounting

Front and side view of each size, inches. Redrawn from the factory drawings.

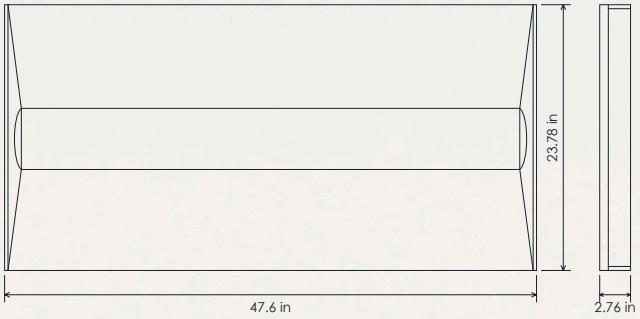
1 × 4 FT



2 × 2 FT



2 × 4 FT



Packing

SIZE	OUTER PACKING SIZE	NET WEIGHT	GROSS WEIGHT	QTY / CARTON
1 x 4 ft	L49.41 × W8.27 × H13.78 in [L1255 × W210 × H350 mm]	20.59 lb [9.34 kg]	22.49 lb [10.2 kg]	4 pcs/ctn
2 x 2 ft	L24.61 × W8.58 × H25.08 in [L625 × W217 × H637 mm]	20.94 lb [9.5 kg]	23.37 lb [10.6 kg]	4 pcs/ctn
2 x 4 ft	L48.62 × W8.58 × H25.08 in [L1234 × W217 × H637 mm]	37.70 lb [17.1 kg]	41.01 lb [18.6 kg]	4 pcs/ctn