

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

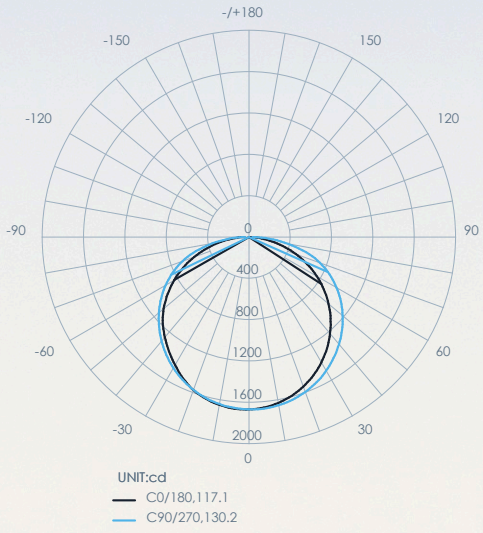
Tunable wattage range and maximum lumens of each size.

## Models

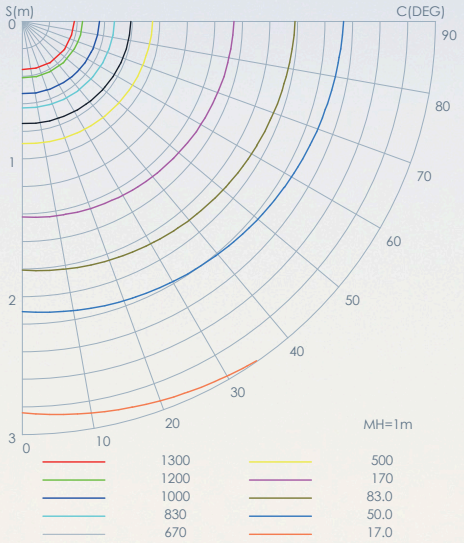
TUNABLE WATTAGE

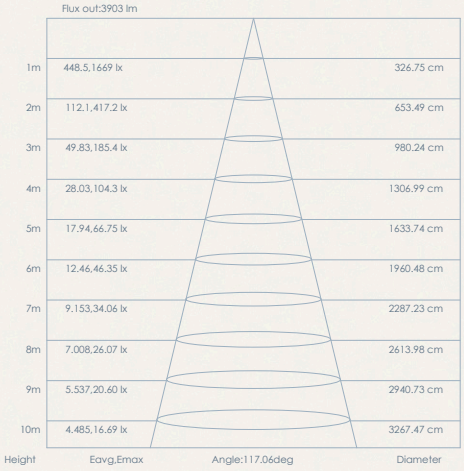
| SIZE | MODEL | WATTAGE | LUMENS (MAX) |
|---|---|---|---|
| 1 × 4 ft | TRF14-TCP40W-CCT | 40 / 30 / 25 / 20 / 15 W | 6,179 lm |
| 2 × 2 ft | TRF22-TCP40W-CCT | 40 / 30 / 25 / 20 / 15 W | 6,142 lm |
| 2 × 4 ft | TRF24-TCP50W-CCT | 50 / 40 / 35 / 30 / 25 W | 6,182 lm |

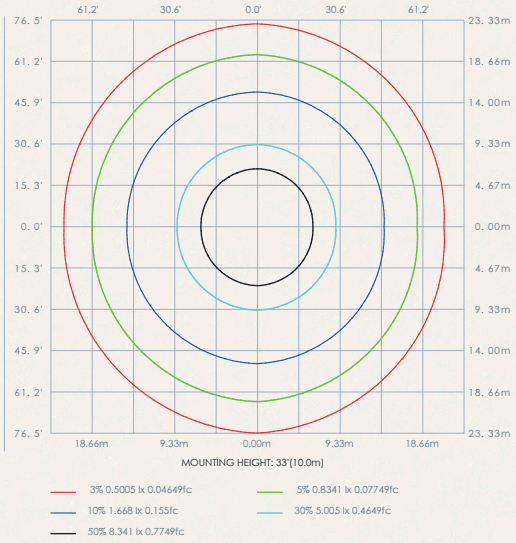
# Photometrics · 1 x 4 · 40 W · 5000 K




AVERAGE BEAM ANGLE(50%):123.6 DEG

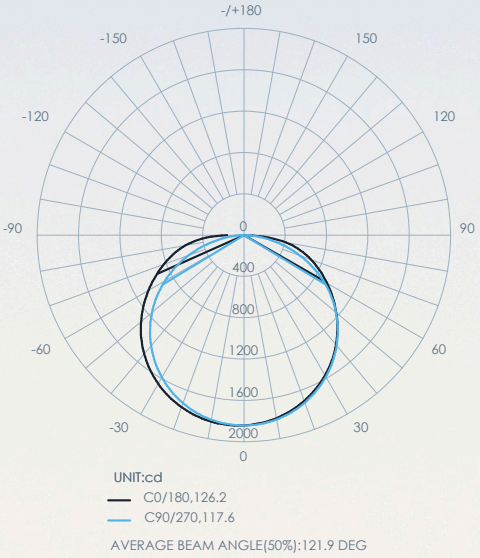


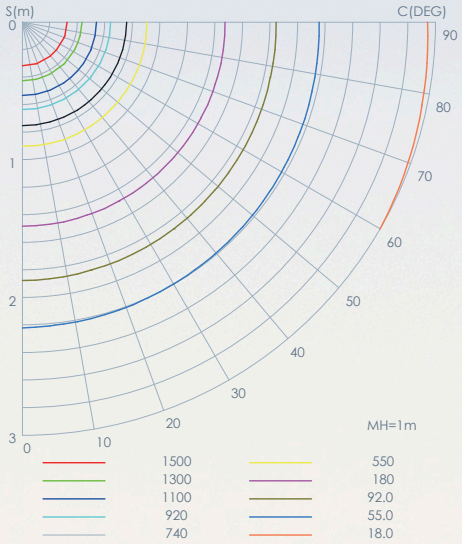



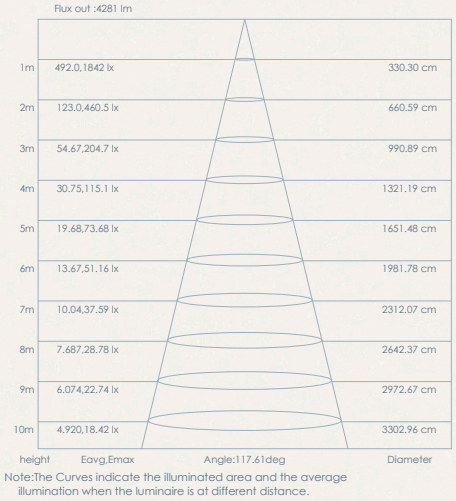



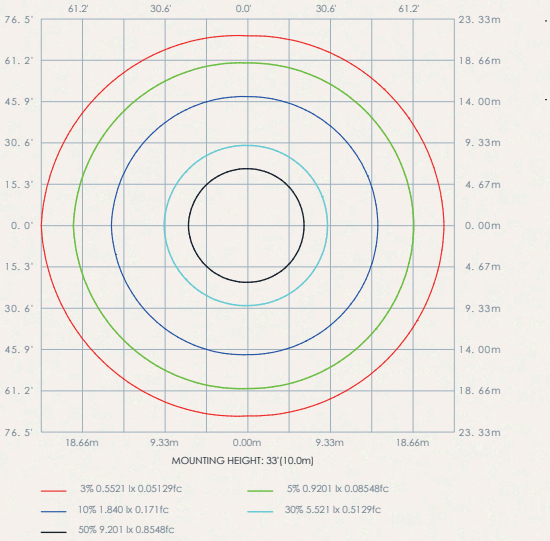

TRF14-TCP40W-CCT at 40 W, 5000 K. Drawn from the factory vector data.

# Photometrics · 2 x 2 · 40 W · 5000 K



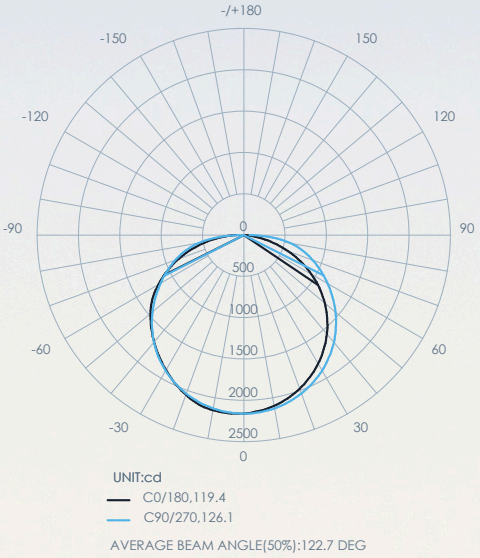



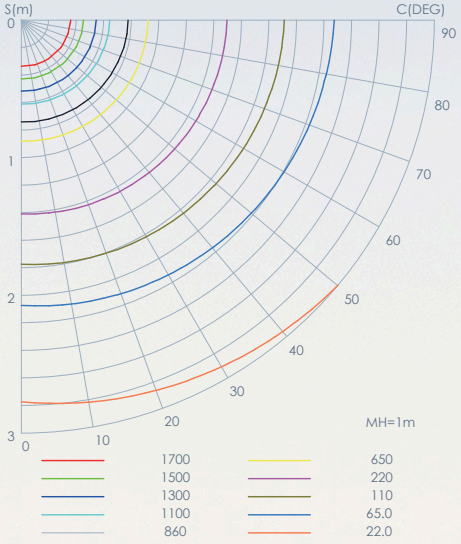



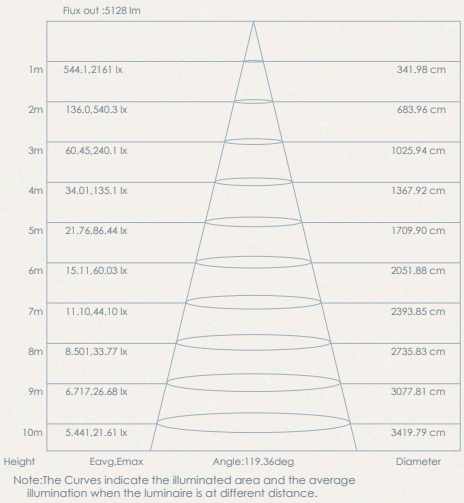



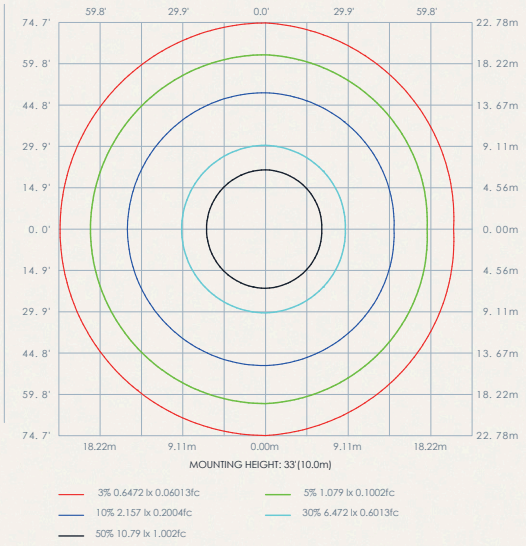

TRF22-TCP40W-CCT at 40 W, 5000 K. Drawn from the factory vector data.

# 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

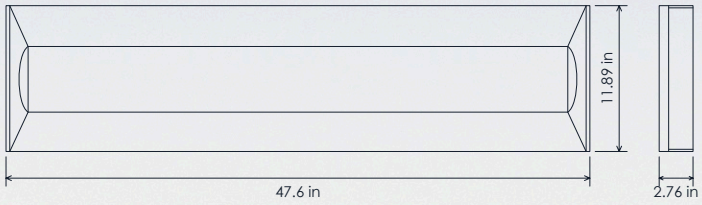
| | | | |
|---|---|---|---|
| 1 | Product | TRF | LED troffer light |
| 2 | Size | 14 · 22 · 24 | 14 = 1 x 4 ft · 22 = 2 x 2 ft · 24 = 2 x 4 ft |
| 3 | Function | TCP | Tunable CCT and power |
| 4 | Power | 40W · 50W | 40W = 40 / 30 / 25 / 20 / 15 W · 50W = 50 / 40 / 35 / 30 / 25 W |
| 5 | CCT | CCT | 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

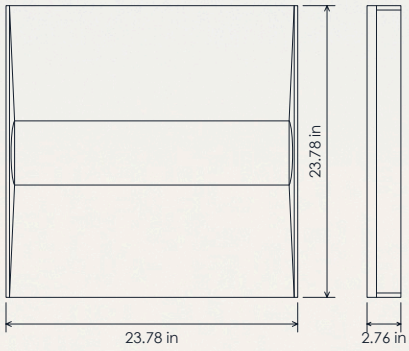
# Dimensions and mounting

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

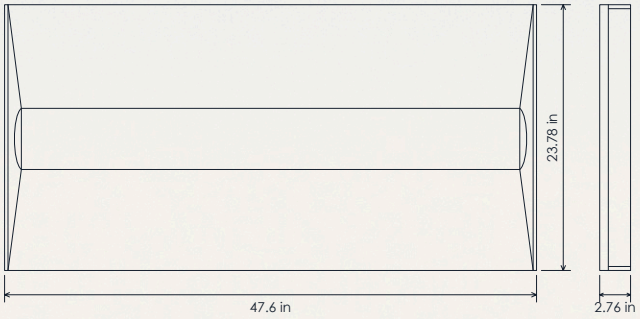
1 × 4 FT




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 |