



Project	
Date	
Prepared by	
Model #	TF2-24364

TF2-SERIES TROFFER



OVERVIEW

The TF2-Series LED Troffer is a low profile, energy efficient luminaire designed for T-bar ceilings to replace traditional troffers typically found in offices, schools and other institutional settings that currently use standard fluorescent lamps.

PRODUCT HIGHLIGHTS

- Available in 2' x 2' or 2' x 4' sizes
- 0-10V dimmer driver
- CRI ≥ 80
- Polycarbonate lens
- Removable chassis for easy installs and maintenance



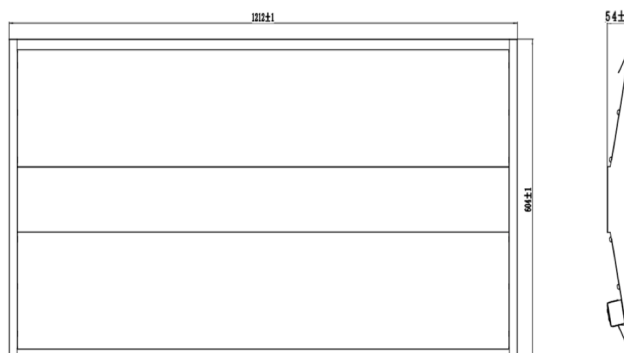
OPTICAL SPECIFICATIONS

Lumen Output (lm) ₁	4500	Beam Angle (°) ₁	120°
CCT (K) ₁	4000K	Projected Lifetime (L ₇₀)	50,000
CRI (Ra) ₁	≥ 80	Lumen Maintenance Factor (%)	70%
Efficacy (lm/W) ₁	125 lm/W	Chromaticity Shift (K)	$\pm 275K$

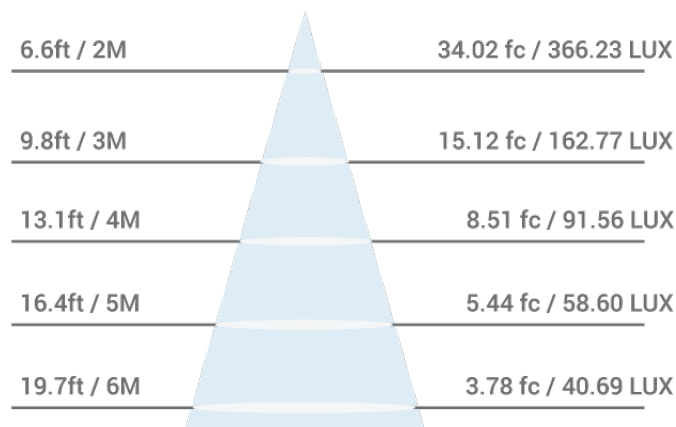
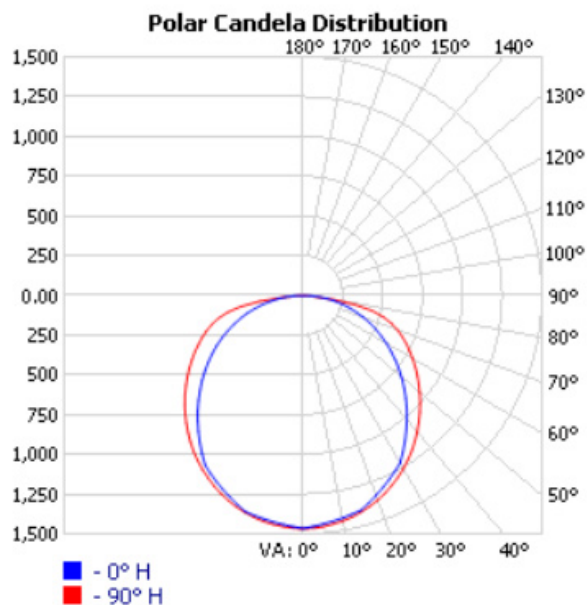
ELECTRICAL SPECIFICATIONS

Power	36W	Current Draw at 120V _{AC} (A) ₂	0.30A
Apparent Power (VA)	36.8VA	Current Draw at 208V _{AC} (A) ₂	0.18A
System Wattage (W)	39.6W	Current Draw at 240V _{AC} (A) ₂	0.16A
Input Voltage	120-277V	Current Draw at 277V _{AC} (A) ₂	0.14A
Replacement For	2-Lamp or 4-Lamp 4 Foot T8/T12		

PRODUCT DIMENSION



CONSTRUCTION		LED AND DRIVER SPECIFICATIONS	
Housing Material	Steel	LED (Brand)	Samsung
Housing Color	White	LED Design Origin	China
Lens Material	Polycarbonate	Dimmable	Yes (0-10 V)
Dimensions (inch/mm)	50.8" (L) x 26.8" (W) x 11.4" (H) 1290mm (L) x 680mm (W) x 290mm (H)	Driver Band	WELED
Weight	4.6kg / 10.1lbs	LED Type	2835
Installation Method	T-bar Ceiling Suspended Mount using AC-22 Aircraft Cable Kit	Driver Class	2
Operation Range (°F/°C)	-25°C to 40°C -13°F to 104°F	Output Voltage (VDC)	34-35V
Warranty	10	Power Factor	0.9
APPROVALS AND LISTINGS		THD (%)	20%
DLC Premium	PL3QPYM4HKFD	Inrush Current (A)	6.5A
Damp Location Rated	Yes	Surge Protection (kV)	1KV/2.5KV
IP Rating	IP20		
UL/ETL Listed	ETL		
CANDELA		ILLUMINANCE AT A DISTANCE	



1. Due to the special conditions of manufacturing, the typical data of optical specifications can only reflect statistical figures and do not necessarily correspond to the actual parameters of each single product which could differ from the typical data.
2. Exceeding maximum ratings for input voltage and current will cause hazardous overload and will likely destroy the LED fixture.
3. Refer to Warranty Terms & Conditions available at premiseled.com/warranty

Specifications and dimensions
subject to change without notice.

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