TPLF Series

Tri-Proof LED Light Fixture Specifications

Project _____

Date _____ Type _____

TPLF-50K4-50

Voltage 120–277 VAC | CCT 5000K | CRI 80+ | IP65 | 5yr WARRANTY

Available Models[1]

- ☐ TPLF-50K2-30
- ☐ TPLF-50K4-50

Part Number Breakdown

Example: TPLF-50K4-50

Series	CCT	Length	Wattage
TPLF [Tri-Proof LED Fixture]	**50K** [5000K]	**2** [2 ft]	**30** [30 Watts]
		4 [4 ft]	**50** [50 Watts]

Overview

Industrial low-bay LED vapor-proof lights are a heavy-duty alternative to traditional tube light or strip light fixtures. They are perfect for commercial lighting, warehouse lighting, parking garage lighting, tunnel lighting, supermarket lighting, and more. With a life expectancy of 50,000 hours, 5 times as long as fluorescent fixtures, the light eliminates costly repairs, replacements, and disposal fees. The fixture is vapor-proof, weatherproof and IP65 rated waterproof and dust-tight for use in harsh environments. Wall mount with included hardware or use optional suspension kit to mount from ceilings up to 15' high. Use an optional motion sensor for added energy savings.

Features

- Construction withstands impact, dust, and moisture
- Replaces traditional T8 fluorescent tube fixtures
- IP65, Suitable for Wet Locations
- 180° beam

Product Details

- White aluminum housing
- Frosted polycarbonate lens
- Stainless steel mounting brackets
- IK09 impact resistant
- 120-277 VAC input

Certifications and Compliances

- Certified by UL - UL 1598 (IFAM)
- CE Compliant

UL CERTIFIED | CE

Warranty

- 5-year warranty

Output Equivalencies

TPLF-50K2-30	2x 17W fluorescent T8 tubes
TPLF-50K4-50	2x 32W fluorescent T8 tubes

T 866.811.5550 | **F** 314.972.6202
https://www.superbrightleds.com
email: commercial-sales@superbrightleds.com

[1]Contact customer service if interested in other options.

Rev V2.2 Date: 02/15/2026

Specifications are subject to change without notice

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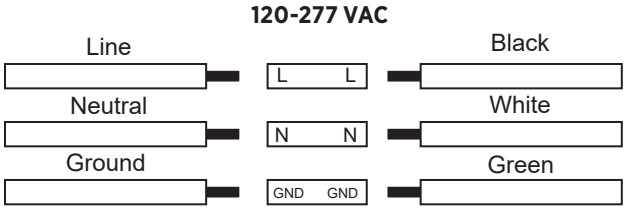
SPECIFICATIONS		
Model	**TPLF-50K2-30**	**TPLF-50K4-50**
PHOTOMETRIC		
Lumens	3600 Lumens	6100 Lumens
Efficacy	120 lm/W	111 lm/W
CCT	5000K	
Beam Angle	180°	
CRI	80+	
ELECTRICAL		
Wattage	30 Watts	50 Watts
Current Draw @ 120V	260 mA	470 mA
Operating Voltage	120–277 VAC	
Dimmable	No	
MECHANICAL		
Length	24 in. (2 ft)	48 in. (4 ft)
IP Rating	IP65	
Environmental Rating	Suitable for Wet Locations, Water-Resistant	
Input Connection	Pigtail (18 AWG)	
Product Materials	Aluminum Housing, Polycarbonate Lens	
Finish	White	
Lens Type	Frosted	
Rated Life (L70)	50000 hours	
Ambient Operating Temperature	-20 to 45°C (-4 to 113°F)	

Wiring Diagram



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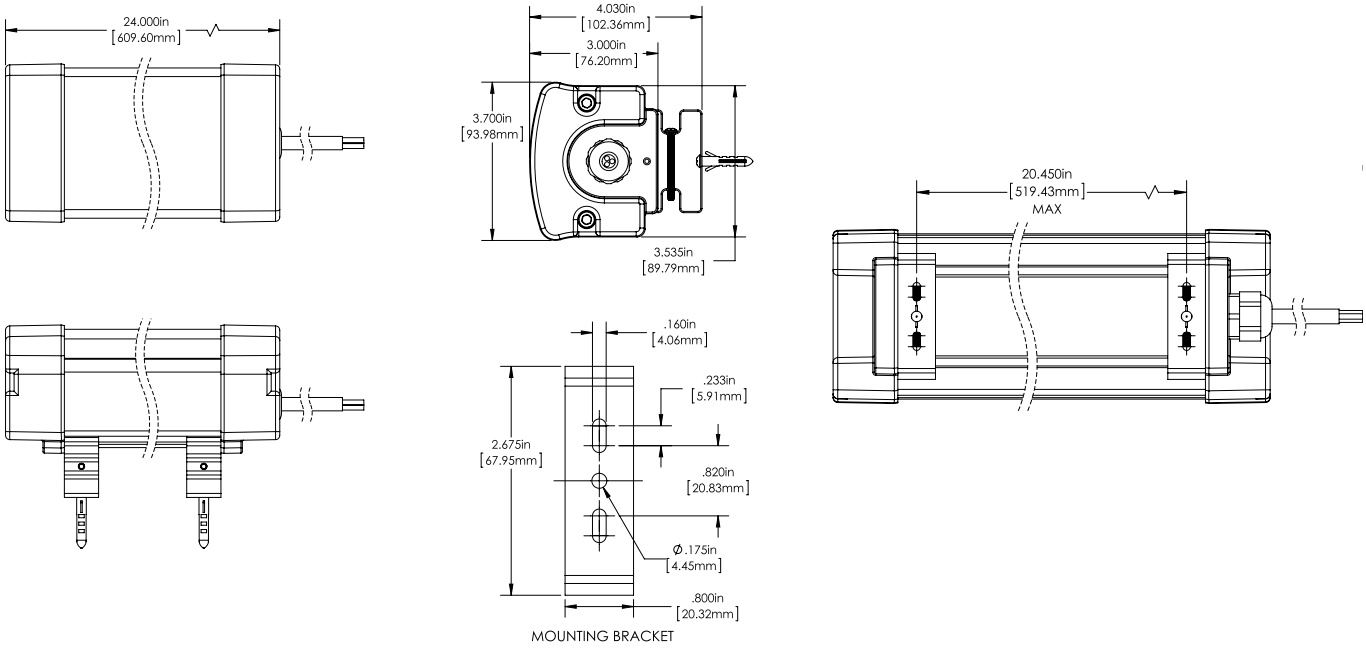
Dimensional Drawings

TPLF-50K2-30



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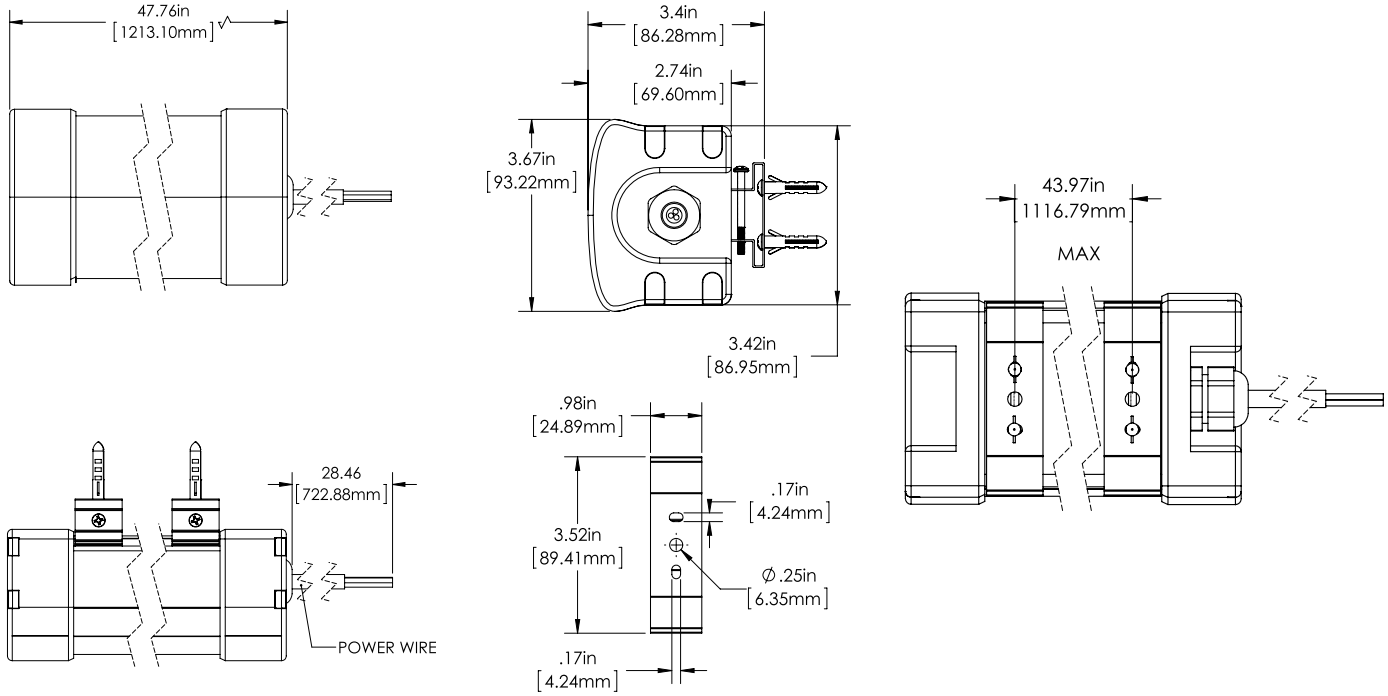

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