



Project _____
Part No. _____
Quantity _____
Date _____

Excellence in LED Lighting

www.axleninc.com

eZ-series T8 LED Tube - 4Ft Retrofit Tubes

Efficacy up to 143 lm/W

New eZ-tube
Reducing installation times by over 75%



Key Tube Specifications ¹

Model ²	Length	Input (VAC)	Wattage	Output Lumens ³	Efficacy ³	CRI ⁴	CCT ⁵
AXEZ-T8I-4F16W40K	4ft	100-277	14.5W	1980 lm	137 lm/W	85	4000K (neutral)
AXEZ-T8I-4F16W50K	4ft	100-277	14.5W	2100 lm	143 lm/W	85	5000K (cool)
AXEZ-T8I-4F22W40K	4ft	100-277	20W	2590 lm	130 lm/W	85	4000K (neutral)
AXEZ-T8I-4F22W50K	4ft	100-277	20W	2740 lm	137 lm/W	85	5000K (cool)

1. Due to our continuous improvement program, all specifications are subject to change. Axlen reserves the right of final interpretation.
2. US patent pending.
3. Lumen output and efficacy measured from the tube with frosted cover vs. AC input.
4. CRI is the color rendering index.
5. CCT is the correlated color temperature. For other CCTs (3000K, 3500K, etc), please contact sales@axleninc.com.

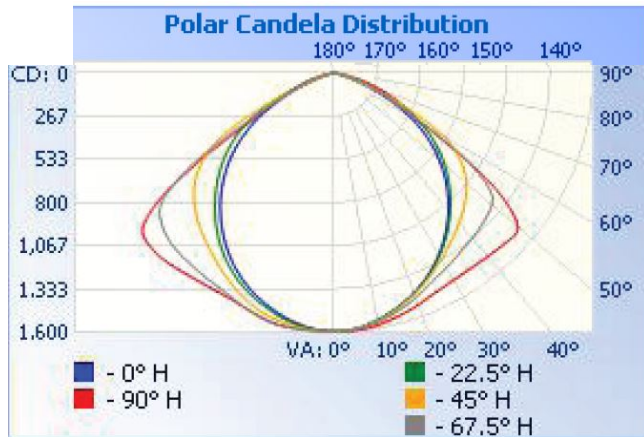
For more information, contact sales@axleninc.com

Features

- Direct replacement for fluorescent tubes in existing fixtures
- Seamless installation into existing troffers with simple AC wire connections (US patent pending)
- No re-wiring or pre-kitting of tombstones
- Internal power supply for high reliability and efficacy
- Power factor > 0.9, THD < 10%
- Innovative aluminum housing for superior thermal management
- Energy savings of up to 60% vs. FL T8
- Flicker free with instant turn-on
- No UV radiation or unwanted heat
- Mercury free and RoHS compliant
- Warranty 5 years (Estimated L90 up to 60,000hrs; L70 > 200,000hrs)⁶
- Full industry compliance- UL/cUL, FCC, CE, DLC, LM-79, LM-80 LEDs
- Frosted (-F) standard or clear (-C) cover optional

Lighting Distribution

The tube photometry is taken from an accredited testing laboratory in accordance with IESNA LM-79-08. Typical results are shown for 2 AXEZ-T8I-4F22W40K-FE tubes in a Lithonia 2PM3N 12 cell 2 x 4 parabolic troffer: total troffer output > 4,400 lm and troffer efficacy > 112 lm/W.

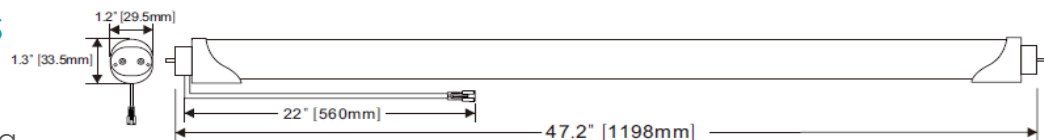


	Illuminance at a Distance	
	Center Beam fc	Beam Width
17.0ft	5.52 fc	43.6 ft 55.3 ft
34.0ft	1.38 fc	87.2 ft 110.6 ft
51.0ft	0.61 fc	130.8 ft 165.9 ft
68.0ft	0.34 fc	174.4 ft 221.1 ft
85.0ft	0.22 fc	218.0 ft 276.4 ft
102.0ft	0.15 fc	261.6 ft 331.7 ft

■ Vert. Spread: 104.1°
■ Horiz. Spread: 116.8°

Physical Specifications (Dimensions in inches/mm)

T8 LED Tube Weight: 0.66lb/0.30kg



6. For AXEZ-T8I-4F16WYK models, L90 > 60,000 hrs and L70 > 200,000 hrs; for AXEZ-T8I-4F22WYK models, L90 > 60,000 hrs and L70 > 200,000 hrs.

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