

PC SERIES - LED T8 Tube (6-FT, 8-FT)

The PC SERIES - LED T8 Tube, Up to 135 lm/W, IP44 Wet Location, FA8 and R17D, Type B, Double Ended Power, Premium Replacement Lamp.

Project:
Date:
Catalog No:
Prepared By:

Premium Features

Lumen Output	3640 to 5400 lumens
Efficacy	Up to 135 lm/W
Input Voltage	120-277V
Driver	Internal Driver, Line Voltage (Type B)
Installation	Double Ended
Dimmable	No
CCT	4000K or 5000K
IP Rating	IP44 Wet Location
Size	6-FT, 8-FT
Warranty	5 Years

6-FT and 8-FT Models



Applications

Premium indoor replacement lamp intended to replace 6 or 8 foot T8 or T12 fluorescent lamps with FA8 Single-Pin, or R17D base, for linear lighting fixtures. Suitable for use in linear wraparounds and shop lights.

Optics

Anti-UV Frosted Polycarbonate Lens or Clear Polycarbonate Lens.

Construction

Manufactured for durability and heat dissipation using aluminum sheet backing. IP44 Wet Location rated for protection against solid objects 1.0mm diameter and greater, splashing water: IEC 60529.

Controls

Compatible with ON/OFF occupancy sensors.

Listings

UL certified to meet US and Canadian standards. FCC, CE and RoHS compliant. Listed to qualify for energy-efficient LED lighting rebates.

Electrical

Input voltages 120-277V. Type B, to operate without a ballast. Double-Ended Power installations for FA8 or R17D Rotatable end caps. Operating temperatures -4°F to 104°F (-20°C to 40°C).

Warranty

5 yr /50K hrs. View at: <https://falkorindustry.com/warranty/>.

Correlated Color Temperatures (CCT)

4000K



5000K



Specifications

Energy Data

Input Voltage: 120-277V

Input Frequency: 50/60 Hz

Wattage: 28W, 40W

Power Factor: >0.9

Total Harmonic Distortion (THD): <20%

Operating Temperature: -4°F to 104°F (-20°C to 40°C)

Lighting Data

Lumens: 3640, 5200, 5400

Lumens Per Watt: Up to 135 lm/W

Color Correlated Temperature (CCT): 4000K, 5000K

Dimmable: No

Color Rendering Index (CRI): >80

L70: 50000 hours

Ordering Information

Model	Size	Type	Wattage	Voltage	Current	Lumens	Efficacy	CCT	Dimming	Color	Dimensions	Weight
EDI-APT8-6F28-B FA8 4000K	6-FT	FA8	28W	120-277V	0.28A@120V, 0.10A@277V	3640	130 lm/W	4000K	No	White w/ Silver	69.25"L x 1.14"W x 1.03"H	0.80 lbs
EDI-APT8-6F28-B FA8 5000K	6-FT	FA8	28W	120-277V	0.28A@120V, 0.10A@277V	3640	130 lm/W	5000K	No	White w/ Silver	69.25"L x 1.14"W x 1.03"H	0.80 lbs
EDI-APT8-6F28-B R17D 4000K	6-FT	R17D	28W	120-277V	0.28A@120V, 0.10A@277V	3640	130 lm/W	4000K	No	White w/ Silver	69.25"L x 1.14"W x 1.03"H	0.80 lbs
EDI-APT8-6F28-B R17D 5000K	6-FT	R17D	28W	120-277V	0.28A@120V, 0.10A@277V	3640	130 lm/W	5000K	No	White w/ Silver	69.25"L x 1.14"W x 1.03"H	0.80 lbs
ETH-T8-8FBA-40(4000K) / GL-T8LO-24BA40 4000K	8-FT	FA8	40W	120-277V	0.33A@120V, 0.14A@277V	5200	130 lm/W	4000K	No	White w/ Silver	93.19"L x 1.14"W x 1.03"H	1.02 lbs
ETH-T8-8FBA-40(5000K) / GL-T8LO-24BA40 5000K	8-FT	FA8	40W	120-277V	0.33A@120V, 0.14A@277V	5200	130 lm/W	5000K	No	White w/ Silver	93.19"L x 1.14"W x 1.03"H	1.02 lbs
FL-T8-40WW2400 BIDS 4000K	8-FT	FA8	40W	120-277V	0.33A@120V, 0.14A@277V	5400	135 lm/W	4000K	No	White w/ Silver	93.19"L x 1.14"W x 1.03"H	1.02 lbs
FL-T8-40WW2400 BIDS 5000K	8-FT	FA8	40W	120-277V	0.33A@120V, 0.14A@277V	5400	135 lm/W	5000K	No	White w/ Silver	93.19"L x 1.14"W x 1.03"H	1.02 lbs
ETH-T8-8FBB-40(5000K) / GL-T8LO-24BB40 5000K	8-FT	R17D	40W	120-277V	0.33A@120V, 0.14A@277V	5200	130 lm/W	5000K	No	White w/ Silver	93.19"L x 1.14"W x 1.03"H	1.02 lbs

Shipping Information

Model Size	Unit Weight	Shipping Dimensions	Shipping Weight	Quantity /Box
6-FT	0.80 lbs	70.70"L x 7.30"W x 7.30"D	19.18 lbs	20
8-FT	1.02 lbs	94.50"L x 7.50"W x 6.50"D	24.15 lbs	20

Physical Dimensions

6-FT Models 69.25"L x 1.14"W x 1.03"H



8-FT Models 93.19"L x 1.14"W x 1.03"H



Photometric Characteristics

