

LED T8 Tube (8-FT)

LED T8 Tube, Up to 150 lm/W, IP44 Wet Location, FA8 and R17D, Type B, Double Ended Power, Premium Replacement Lamp.

8-FT Models with RA8 or R17D End Caps



Premium Features

Lumen Output	5920 TO 6000 lumens
Efficacy	Up to 150 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	8-FT
Warranty	5 Years

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.

Controls

Compatible with ON/OFF occupancy sensors.

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.

Listings

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

Warranty

5 yr /50K hrs.

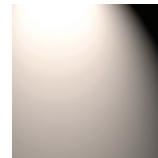
Electrical

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

Correlated Color Temperatures (CCT)

4000K

5000K



Specifications

Energy Data

Input Voltage: 120-277V

Input Frequency: 50/60 Hz

Wattage: 40W

Power Factor: >0.9

Total Harmonic Distortion (THD): <10%

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

Lighting Data

Lumens: 5920, 6000

Lumens Per Watt: Up to 150 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
MS8T8A40-40K	8-FT	FA8	40W	120-277V	0.33A@120V, 0.14A@277V	5920	148 lm/W	4000K	No	White w/ Silver	93.19"L x 1.14"W x 1.03"H	1.02 lbs
MS8T8A40-50K	8-FT	FA8	40W	120-277V	0.33A@120V, 0.14A@277V	6000	150 lm/W	5000K	No	White w/ Silver	93.19"L x 1.14"W x 1.03"H	1.02 lbs
MS8T8A40R-40K	8-FT	R17D	40W	120-277V	0.33A@120V, 0.14A@277V	5920	148 lm/W	4000K	No	White w/ Silver	93.19"L x 1.14"W x 1.03"H	1.02 lbs
MS8T8A40R-50K	8-FT	R17D	40W	120-277V	0.33A@120V, 0.14A@277V	6000	150 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
8-FT	1.02 lbs	94.50"L x 7.50"W x 6.50"D	24.15 lbs	20

Physical Dimensions

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



Photometric Characteristics

