

LED T8 8-FT Tube

5-Wattages + 5-CCT (35/40/50/57/65K), Damp Rated, Up to 150 lm/W, FA8, Type A+B, Double Ended Power

FEATURES

|               |                                        |
|---------------|----------------------------------------|
| Lumen Output  | 3600 to 7200 lumens                    |
| Efficacy      | Up to 150 lm/W                         |
| Input Voltage | 120-277V                               |
| Driver        | Type A+B (Dual Mode Internal Driver)   |
| Installation  | Double Ended Power                     |
| Dimmable      | Type A (By Ballast), Type B (No)       |
| Size          | 8-FT                                   |
| CCT           | Select (3500K/4000K/5000K/5700K/6500K) |
| Rating        | Damp Location                          |
| Warranty      | 5 Years                                |

APPLICATIONS

Premium indoor replacement lamp intended to replace 8 foot T8 or T12 fluorescent lamps with FA8 single pin for linear lamp fixtures. Suitable for use in linear wraparounds, and shop lights.

CONSTRUCTION

Manufactured for durability and heat dissipation using aluminum sheet backing. Damp Location rated.

ELECTRICAL

Input voltage 120-277V. Type A+B, Hybrid plug and play to operate with or without a ballast. Double Ended Power installations for FA8 HO end caps. Dimmable with Type A by ballast. Non-dimmable with Type B internal driver. Tunable 5-CCT (3500K, 4000K, 5000K, 5700K, 6500K) and Tunable 5-Wattages. Operating temperatures -4°F to 104°F (-20°C to 40°C).

MOUNTING

Replacement lamp push-locks into existing linear 8 foot T8 lamp fixture.

OPTICS

Shatter resistant anti-UV Frosted Polycarbonate Lens with 140° beam angle.

CONTROLS

Compatible with ON/OFF occupancy sensors.

LISTINGS

DLC listed. UL certified to meet US and Canadian standards. FCC and RoHS compliant.

WARRANTY

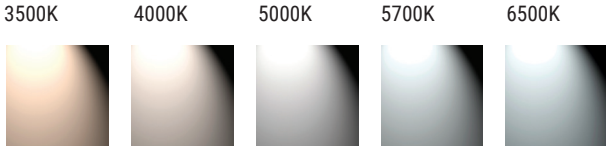
5 year exclusive limited warranty.

|              |
|--------------|
| Project:     |
| Date:        |
| Catalog No:  |
| Prepared By: |

8-FT, FA8 End Cap Models



TUNABLE CORRELATED COLOR TEMPERATURES (CCT)



SPECIFICATIONS

ENERGY DATA

**Input Voltage:** 120-277V  
**Input Frequency:** 50/60 Hz  
**Wattage:** 5-Wattages (48W Max)  
**Power Factor:** >0.9  
**Total Harmonic Distortion (THD):** <20%  
**Operating Temperature:** -4°F to 131°F (-20°C to 50°C)

LIGHTING DATA

**Lumens:** 3600 to 7200  
**Lumens Per Watt:** Up to 150 lm/W  
**Correlated Color Temperature (CCT):** 5-CCT (35K, 40K, 50K, 57K, 65K)  
**Dimmable:** Type A (By Ballast), Type B (No)  
**Color Rendering Index (CRI):** 80  
**L70:** 50000 hours

ORDERING INFORMATION

| Model            | Size | Type | Wattage | Voltage  | Current                | Lumens | Efficacy          | CCT     | Dimming                                  | Color           | Dimensions                |
|------------------|------|------|---------|----------|------------------------|--------|-------------------|---------|------------------------------------------|-----------------|---------------------------|
| T88F-M48W-CCT-AB | 8-FT | FA8  | (24W,   | 120-277V | 0.22A@120V, 0.10A@277V | 3600   | Up to<br>150 lm/W | (3500K, | Type A<br>(By Ballast)<br>Type B<br>(No) | White w/ Silver | 93.93"L x 1.14"W x 1.03"H |
|                  |      |      | 30W,    |          | 0.28A@120V, 0.12A@277V | 4500   |                   | 4000K,  |                                          |                 |                           |
|                  |      |      | 36W,    |          | 0.33A@120V, 0.14A@277V | 5400   |                   | 5000K,  |                                          |                 |                           |
|                  |      |      | 42W,    |          | 0.39A@120V, 0.17A@277V | 6300   |                   | 5700K,  |                                          |                 |                           |
|                  |      |      | 48W)    |          | 0.44A@120V, 0.19A@277V | 7200   |                   | 6500K)  |                                          |                 |                           |

PHYSICAL DIMENSIONS

8-FT Models

93.93"L x 1.14"W x 1.03"H

