

# LED T8 4-FT Tube

3-Wattages + 5-CCT (35/40/50/57/65K), Damp Rated, 150 lm/W, G13, Type A +B, Single + Double Ended Power

## FEATURES

|               |                                        |
|---------------|----------------------------------------|
| Lumen Output  | 2250 to 3300 lumens                    |
| Efficacy      | 150 lm/W                               |
| Input Voltage | 120-277V                               |
| Driver        | Type A+B (Dual Mode Internal Driver)   |
| Installation  | Single or Double Ended Power           |
| Dimmable      | Type A (By Ballast), Type B (No)       |
| Size          | 4-FT                                   |
| CCT           | Select (3500K/4000K/5000K/5700K/6500K) |
| Rating        | Damp Location                          |
| Warranty      | 5 Years                                |

## APPLICATIONS

Premium indoor replacement lamp intended to replace 4 foot T8 or T12 fluorescent lamps with G13 end caps for linear lamp fixtures. Suitable for use in linear troffers, wraparounds, and shop lights.

## CONSTRUCTION

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

## ELECTRICAL

Input voltage 120-277V models. Type A+B, Hybrid plug and play to operate with or without a ballast. Single or Double Ended Power installations for G13 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 113°F (-20°C to 45°C).

## MOUNTING

Replacement lamp twist-locks into existing linear 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. ETL certified to meet US and Canadian standards. FCC and RoHS compliant.

## WARRANTY

5 year exclusive limited warranty.

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

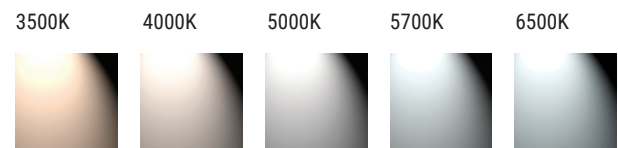
## 4-FT Models



## 3-Wattages and 5-CCT Tuning Switches



## TUNABLE CORRELATED COLOR TEMPERATURES (CCT)



## SPECIFICATIONS

### ENERGY DATA

**Input Voltage:** 120-277V  
**Input Frequency:** 50/60 Hz  
**Wattage:** 3-Wattages (22W Max)  
**Power Factor:** >0.9  
**Total Harmonic Distortion (THD):** <15%  
**Operating Temperature:** -4°F to 113°F (-20°C to 45°C)

### LIGHTING DATA

**Lumens:** 2250 to 3300  
**Lumens Per Watt:** 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):** 85  
**L70:** 50000 hours

## ORDERING INFORMATION

| Model                                | Size | Type | Wattage         | Voltage  | Current                                                                    | Lumens               | Efficacy | CCT                                 | Dimming                            | Color           | Dimensions                |
|--------------------------------------|------|------|-----------------|----------|----------------------------------------------------------------------------|----------------------|----------|-------------------------------------|------------------------------------|-----------------|---------------------------|
| #01818<br>[DLC No. 900040.22.3.5.27] | 4-FT | G13  | (15W, 18W, 22W) | 120-277V | 0.14A@120V, 0.06A@277V<br>0.17A@120V, 0.07A@277V<br>0.20A@120V, 0.09A@277V | 2250<br>2700<br>3300 | 150 lm/W | (3500K, 4000K, 5000K, 5700K, 6500K) | Type A (By Ballast)<br>Type B (No) | White w/ Silver | 47.17"L x 1.32"W x 1.15"H |

## PHYSICAL DIMENSIONS

### 4-FT Models

47.17"L x 1.32"W x 1.15"H



## INSTALLATION GUIDE

### SAFETY PRECAUTIONS

For everyone's safety, please read this section carefully before installation:

1. The product should be installed by a qualified electrician.
2. Do not use a non-compatible LED driver with the product.

### TYPE A INSTALLATION\* - Direct Replacement (Using an Existing Ballast)

\*Warning: Check the Ballast Compatibility List before installation

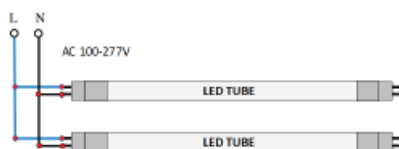
1. Turn off the luminaire.
2. Remove the diffuser or open the swing-arm door if applicable.
3. Remove the existing fluorescent lamp(s) from the luminaire.
4. Place the LED T8 Tube(s) into the G13 tombstones and gently twist to lock.
5. Place the diffuser back on or close the swing-arm door if applicable.
6. Turn on the luminaire.

### TYPE B INSTALLATION - By-Pass Replacement (Without Ballast)

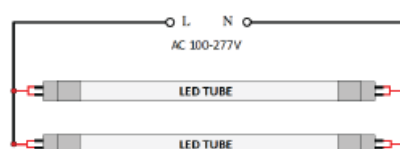
1. Disconnect the power from the luminaire.
2. Remove the diffuser or open the swing-arm door if applicable.
3. Remove the existing fluorescent lamp(s) from the luminaire.
4. Remove the driver cover if applicable.
5. Cut all wires connected to the ballast (see Figure B).
6. Connect for Single or Double-ended Power (see Figure C).
7. Place the driver cover back on if applicable.
8. Select Wattage and Color Temperature on the LED T8 Tube(s) (see Figure D).
9. Place the LED T8 Tube(s) into the G13 tombstones and gently twist to lock.
10. Place the diffuser back on or close the swing-arm door if applicable.
11. Turn on the luminaire.

**Figure C: Single or Double-Ended Power Connection**

Single-Ended Power



Double-Ended Power



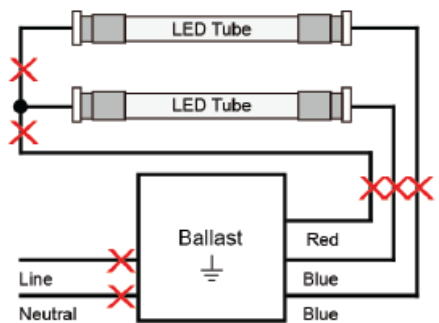
**Figure D: Selectable Switches**



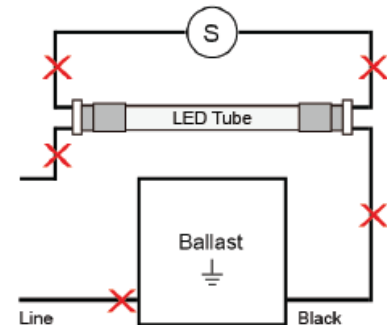
Slide switches (left or right) to select the desired color temperature and wattage.

**Figure B: Typical Ballast Configurations**

Instant Start



Preheat with Starter



Program Start

