

15 SERIES - LED Tunable T8 Tube (4-FT)

The 15 SERIES - LED Tunable T8 Tube, 4-FT, 22W Max, 150 lm/W, Select 5X-CCT and 3X-Wattages, Damp Location, Hybrid Type A+B, Single and Double Ended Power, Premium Replacement Lamp.

Premium Features

Lumen Output	2250 to 3300 lumens
Efficacy	150 lm/W
Input Voltage	120-277V
Driver	Dual Mode Internal Driver (Type A+B)
Installation	Single or Double Ended
Dimmable	Type A (By Ballast), Type B (No)
CCT	Select (35K, 40K, 50K, 57K, 65K)
Rating	Damp Location
Size	4-FT
Warranty	5 Years

Applications

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

Construction

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

Electrical

Input voltages 120-277V. Type A+B, Hybrid plug and play to operate with or without a ballast. Single or Double-Ended Power installations. Includes 5X-CCT and 3X-Wattage Tuning Switches. Operating temperatures -4°F to 113°F (-20°C to 45°C).

Optics

Anti-UV Frosted Polycarbonate Lens with 140° beam angle. .

Controls

Compatible with ON/OFF occupancy sensors.

Listings

ETL 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. View at: <https://falkorindustry.com/warranty/>.

Project:

Date:

Catalog No:

Prepared By:

Tunable T8 4-FT 22W Max Models



5X-CCT and 3X-Wattage Tuning Switches



Correlated Color Temperatures (CCT)

3500K 4000K 5000K 5700K 6500K



Specifications

Energy Data

Input Voltage: 120-277V
Input Frequency: 50/60 Hz
Wattage: 3 Wattages (22W Max)
Power Factor: 0.95
Total Harmonic Distortion (THD): <15%
Operating Temperature: -4°F to 113°F (-20°C to 45°C)

Lighting Data

Lumens: 2250 to 3300 lumens
Lumens Per Watt: 150 lm/W
CCT: Select (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
900040.22.3.5.27	4-FT	G13	Select (15W, 18W, 22W)	120-277V	0.14A@120V, 0.06A@277V 0.17A@120V, 0.07A@277V 0.20A@120V, 0.09A@277V	2250 2700 3300	150 lm/W	Select (3500K, 4000K, 5000K, 5700K, 6500K)	Type A (By Ballast) Type B (No)	White w/ Silver	47.17"L x 1.32"W x 1.15"H

Shipping Information

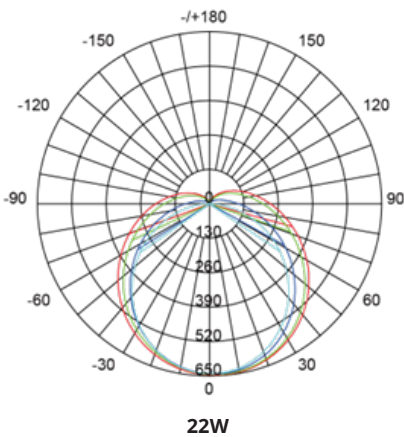
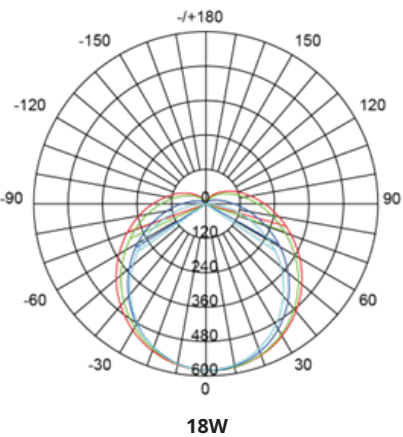
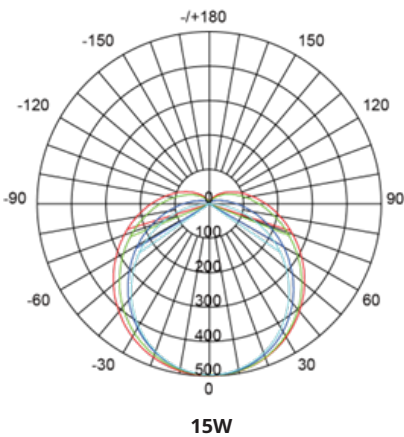
Model Size	Shipping Dimensions	Shipping Weight	Quantity /Box
4-FT	48.82"L x 7.48"W x 7.28"D	15.48 lbs	25

Physical Dimensions

4-FT Models 47.17"L x 1.32"W x 1.15"H



Lighting Characteristics



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

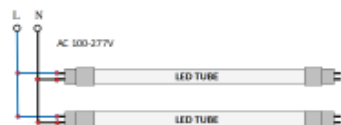
1. Turn off the luminaire.
2. Remove the diffuser or open the swing-arm door if applicable.
3. Remove the existing fluorescent lamp(s) from the luminaire.
4. Place the LED T8 Tube(s) into the G13 tombstones and gently twist to lock.
5. Place the diffuser back on or close the swing-arm door if applicable.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

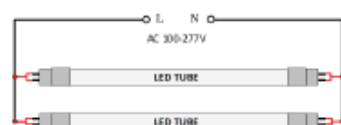


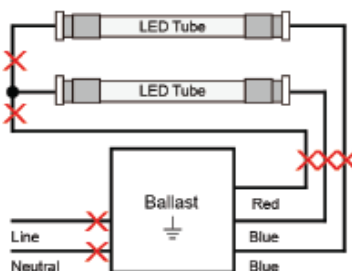
Figure D: Selectable Switches



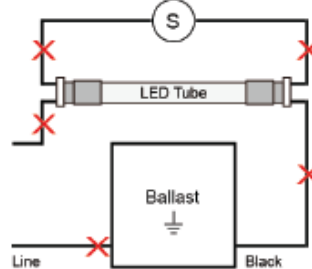
Slide switches (left or right) to select the desired color temperature and wattage.

Figure B: Typical Ballast Configurations

Instant Start



Preheat with Starter



Program Start

