

WSD SERIES - LED Tunable Troffer Retrofit Kit

The WSD SERIES - LED Tunable Troffer Retrofit Kit, 130 lm/W, Select 3X-CCT and 3X-Wattages, 0-10V Dimmable, Premium Indoor Retrofit, Smart Sensor Ready.

Premium Features

Lumen Output	2800 to 5850 lumens
Efficacy	130 lm/W
Input Voltage	120-277V
Dimmable	0-10V Continuous
CCT	Select (30K, 40K, 50K)
Size	1x4, 2x2, 2x4
Rating	Damp Rated
Warranty	5 Years

Applications

Premium indoor retrofit kit for troffers suitable for general indoor commercial spaces, lobbies, offices, meeting rooms, schools, retail stores, restrooms, hallways, and workstations.

Construction

Manufactured for durability using aluminum sheet housing with satin coating to resist corrosion, discoloration, and scratching. Center-Basket Design. Damp Location rated.

Electrical

Input voltages 120-277V with 0-10V Continuous Dimming. Included 3X-CCT and 3X-Wattage Tuning Switches. Operating temperatures -4°F to 104°F (-20°C to 40°C).

Mounting

Integrated retrofit kit with Self-Tapping Screws. Includes Side and End T-Bar Frame Plates.

Optics

Anti-UV Frosted Polycarbonate Lens.

Controls

Installed fixture mounted Microwave Sensor with Daylight Priority available. Remote Control available.

Emergency

Installed 90 Minute Emergency Backup Battery Driver options available.

Listings

UL certified to meet US and Canadian standards. FCC, CE 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:

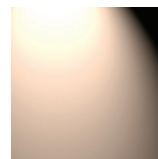
Prepared By:

1x4, 2x2 and 2x4 Models



Correlated Color Temperatures (CCT)

3500K



4000K



5000K



Specifications

Energy Data

Input Voltage: 120-277V

Input Frequency: 50/60 Hz

Wattage: 3-Wattages (30W Max, 45W Max)

Power Factor: >0.9

Total Harmonic Distortion (THD): <15%

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

Lighting Data

Lumens: 2800 to 5850 lumens

Lumens Per Watt: 130 lm/W

CCT: Select (35K, 40K, 50K)

Dimmable: 0-10V

Color Rendering Index (CRI): >80

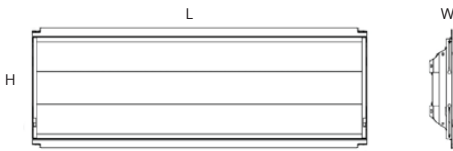
L70: 50000 hours

Ordering Information

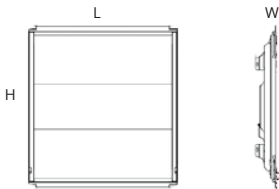
Model	Size	Wattage	Voltage	Current	Lumens	Efficacy	CCT	Dimming	Color	Dimensions
14RTFD202530W27-3545K	1x4	(20W, 25W, 30W)	120-277V	0.18A@120V, 0.08A@277V 0.28A@120V, 0.10A@277V 0.33A@120V, 0.12A@277V	2800 3250 3900	130 lm/W	(3500K, 4000K, 5000K)	0-10V	White	47.80"L x 3.10"W x 11.90"H
22RTFD202530W27-3545K	2x2	(20W, 25W, 30W)	120-277V	0.18A@120V, 0.08A@277V 0.28A@120V, 0.10A@277V 0.33A@120V, 0.12A@277V	2800 3250 3900	130 lm/W	(3500K, 4000K, 5000K)	0-10V	White	23.80"L x 3.10"W x 23.90"H
24RTFD343845W27-3545K	2x4	(34W, 38W, 45W)	120-277V	0.31A@120V, 0.14A@277V 0.35A@120V, 0.15A@277V 0.41A@120V, 0.18A@277V	4420 4940 5850	130 lm/W	(3500K, 4000K, 5000K)	0-10V	White	47.80"L x 3.10"W x 23.90"H
Control					Emergency					
MSW01	[INSTALLED] Microwave Sensor with Daylight Priority				EM8	[INSTALLED] Emergency LED Driver, 8W, 90-Min Battery				
RM01	Remote Control for Sensor Settings				EM20	[INSTALLED] Emergency LED Driver, 20W, 90-Min Battery				

Physical Dimensions

1x4 Models 47.80"L x 3.10"W x 11.90"H



2x2 Models 23.80"L x 3.10"W x 23.90"H



2x4 Models 47.80"L x 3.10"W x 23.90"H

