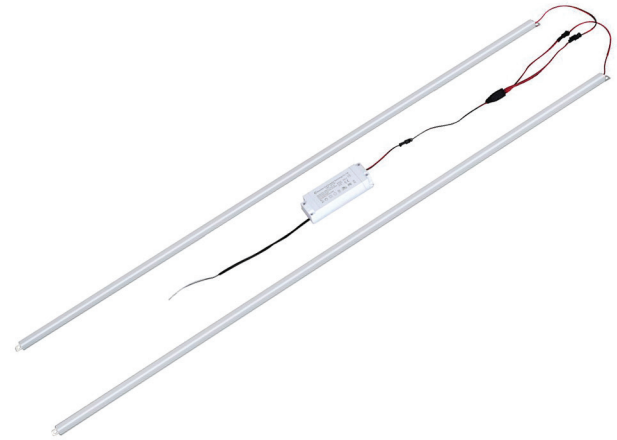


RTS SERIES - LED Magnetic Retrofit Kit

The RTS SERIES - LED Magnetic Retrofit Kit, Up to 139 lm/W, IP20 Dry Location, 0-10V Dimmable, Premium Indoor Retrofit, Smart Sensor Ready.

Project:
Date:
Catalog No:
Prepared By:

4-FT 2 Strip Model Shown:



*Includes Magnetic LED Strips and Driver. Available in 2-FT (1, 2, or 3 Strips) and 4-FT (1, 2, 3, or 4 Strips)

Premium Features

Lumen Output	2700 to 10560 lumens
Efficacy	Up to 139 lm/W
Input Voltage	120-277V
Dimmable	0-10V Continuous
CCT	4000K or 5000K
Size	2-FT (1, 2, 3 Strips) and 4-FT (1, 2, 3, 4 Strips)
Warranty	5 Years

Applications

Premium indoor retrofit kit for T12, T8, and T5 troffers and shop lights suitable for general indoor commercial spaces, lobbies, offices, meeting rooms, schools, retail stores, restrooms, hallways, work-stations, warehouses, and manufacturing.

Construction

Manufactured for durability using aluminum sheet backing. IP20 Dry Location rated for protection against solid objects 12.55mm diameter and greater. For use in Dry Locations.

Electrical

Input voltages 120-277V with 0-10V Continuous Dimming. Operating temperatures -4°F to 113°F (-20°C to 45°C).

Mounting

Complete retrofit kit for existing 1x2, 2x2, 1x4, 2x4, and 1x8 troffer and shop light fixtures with Magnetic backing on Strips and Driver for tool-less installations.

Optics

Anti-UV Frosted Polycarbonate Lens. Removal Lens Option feature and Clear Lens Option available.

Listings

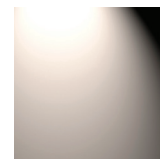
UL certified to meet US and Canadian standards. FCC, CE and RoHS compliant. Listed to qualify for energy-efficient LED lighting rebates.

Warranty

5 yr /50K hrs. View at: <https://falkorindustry.com/warranty/>.

Correlated Color Temperatures (CCT)

4000K



5000K



Specifications

Energy Data

Input Voltage: 120-277V

Input Frequency: 50/60 Hz

Wattage: 20W, 24W, 30W, 40W, 45W, 60W, 80W

Power Factor: >0.9

Total Harmonic Distortion (THD): <15%

Operating Temperature: -4°F to 113°F (-20°C to 45°C)

Lighting Data

Lumens: 2700, 3216, 4050, 4170, 5360, 5400, 6255, 8040, 8100, 10560

Lumens Per Watt: Up to 139 lm/W

Color Correlated Temperature (CCT): 4000K, 5000K

Dimmable: 0-10V

Color Rendering Index (CRI): >80

L70: 50000 hours

Ordering Information

Model	Size	Strips	Wattage	Voltage	Current	Lumens	Efficacy	CCT	Beam Angle	Dimming	Color
E2-RTST2120-4000K	2-FT	1	20W	120-277V	0.17A@120V, 0.07A@277V	2700	135 lm/W	4000K	160°	0-10V	White
E2-RTST2120-5000K	2-FT	1	20W	120-277V	0.17A@120V, 0.07A@277V	2700	135 lm/W	5000K	160°	0-10V	White
E2-RTST2230-4000K	2-FT	2	30W	120-277V	0.25A@120V, 0.11A@277V	4050	135 lm/W	4000K	160°	0-10V	White
E2-RTST2230-5000K	2-FT	2	30W	120-277V	0.25A@120V, 0.11A@277V	4050	135 lm/W	5000K	160°	0-10V	White
E2-RTST2340-4000K	2-FT	3	40W	120-277V	0.33A@120V, 0.14A@277V	5400	135 lm/W	4000K	160°	0-10V	White
E2-RTST2340-5000K	2-FT	3	40W	120-277V	0.33A@120V, 0.14A@277V	5400	135 lm/W	5000K	160°	0-10V	White
E2-RTST124-4000K	4-FT	1	24W	120-277V	0.20A@120V, 0.09A@277V	3216	134 lm/W	4000K	160°	0-10V	White
E2-RTST124-5000K	4-FT	1	24W	120-277V	0.20A@120V, 0.09A@277V	3216	134 lm/W	5000K	160°	0-10V	White
E2-RTST230-4000K	4-FT	2	30W	120-277V	0.25A@120V, 0.11A@277V	4170	139 lm/W	4000K	160°	0-10V	White
E2-RTST230-5000K	4-FT	2	30W	120-277V	0.25A@120V, 0.11A@277V	4170	139 lm/W	5000K	160°	0-10V	White
E2-RTST240-4000K	4-FT	2	40W	120-277V	0.33A@120V, 0.14A@277V	5360	134 lm/W	4000K	160°	0-10V	White
E2-RTST240-5000K	4-FT	2	40W	120-277V	0.33A@120V, 0.14A@277V	5360	134 lm/W	5000K	160°	0-10V	White
E2-RTST345-4000K	4-FT	3	45W	120-277V	0.38A@120V, 0.16A@277V	6255	139 lm/W	4000K	160°	0-10V	White
E2-RTST345-5000K	4-FT	3	45W	120-277V	0.38A@120V, 0.16A@277V	6255	139 lm/W	5000K	160°	0-10V	White
E2-RTST360-4000K	4-FT	3	60W	120-277V	0.50A@120V, 0.22A@277V	8040	134 lm/W	4000K	160°	0-10V	White
E2-RTST360-5000K	4-FT	3	60W	120-277V	0.50A@120V, 0.22A@277V	8040	134 lm/W	5000K	160°	0-10V	White
E2-RTST460-4000K	4-FT	4	60W	120-277V	0.50A@120V, 0.22A@277V	8100	135 lm/W	4000K	160°	0-10V	White
E2-RTST460-5000K	4-FT	4	60W	120-277V	0.50A@120V, 0.22A@277V	8100	135 lm/W	5000K	160°	0-10V	White
E2-RTST480-4000K	4-FT	4	80W	120-277V	0.67A@120V, 0.29A@277V	10560	132 lm/W	4000K	160°	0-10V	White
E2-RTST480-5000K	4-FT	4	80W	120-277V	0.67A@120V, 0.29A@277V	10560	132 lm/W	5000K	160°	0-10V	White

