

JTRFRK Series LED Troffer Retrofit Luminaire



Jarvis JTRFRK Series

- Unique optic design increases light spread with minimal glare
- Slim housing design is perfect for low clearance retrofit applications
- Available with integral networked lighting control system sensor
- Easily installed by 1 person helping save labor cost
- Short retrofit brackets are quick and easy to install

Competitors' Products

- Optics have narrow light spread or feature unwanted glare
- Larger housing makes retrofit installation more difficult
- For some models, basic sensor must be cut into ceiling tile
- Bulky retrofit is difficult and slow to install, increasing labor cost
- Longer retrofit brackets are difficult to install in certain existing troffer housings



Most Popular Models and Specifications:

Catalog #	Description	DLC Product ID*	Input	Power	Lumens	CCT	CRI	PF
JTRFRK-22-2ML3-35K/40K/50K-DTO	2ft x 2ft Wattage + CCT Adjustable LED Troffer Retrofit	S-9IRZK7	120-277V 50/60Hz	16W / 20W / 24W / 27W	2,117 / 2,535 / 3,049 / 3,557 lm	3500K / 4000K / 5000K	≥ 80	≥ 0.9
JTRFRK-24-2ML5-50K-DTO	2ft x 4ft Wattage Adjustable LED Troffer Retrofit	S-KMQDJV	120-277V 50/60Hz	20W / 26W / 34W / 40W	2,590 / 3,250 / 4,250 / 5,200 lm	5000K	≥ 80	≥ 0.9
JTRFRK-24-2ML5-35K/40K/50K-DTO	2ft x 4ft Wattage + CCT Adjustable LED Troffer Retrofit	S-PBYCNK	120-277V 50/60Hz	20W / 26W / 34W / 40W	2,590 / 3,346 / 4,234 / 5,250 lm	3500K / 4000K / 5000K	≥ 80	≥ 0.9

*DLC product ID represents factory default wattage. Contact factory for more information



www.jarvislighting.com



(800) 363-1075



Electrical

Input Voltage: 120-277V 50/60Hz

Power Factor: >.9 at full load

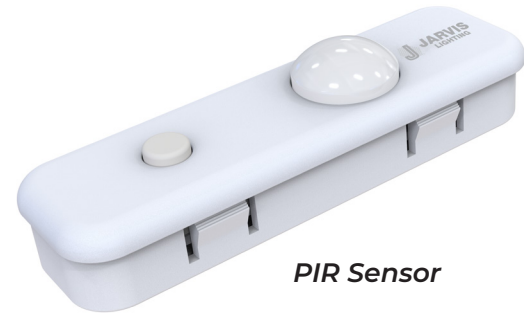
Total Harmonic Distortion: <20% full load

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

Controls and Dimming

0-10V dimming leads are default on all 120-277V input models and accessible from the driver compartment. JTRFRK series features a power supply capable of providing 12VDC auxiliary output power for a variety of accessories.

JTRFRK “DTO” models feature a dim-to-off driver and are compatible with networked lighting control systems. These systems allow the lights to communicate with each other via Bluetooth® signal. Systems are typically capable of grouping, controlling and dimming lights through a number of methods including motion sensors, photo sensors, schedules, manual Bluetooth switches and more.



PIR Sensor

The JTRFRK Series is also compatible with many other photo sensors and motion sensor systems. Contact a Jarvis representative for more information

Construction and Materials

Housing is CRS steel construction with integrated earthquake clips

Class P Programmable LED Driver is 4 step power adjustable

The housing features a powdercoat finish. Powdercoat finish is applied directly to housing and will not crack or peel. Default color is matte white

Lens construction is extruded tamper and shatter resistant frosted polycarbonate curved lens

Luminaire’s construction contains zero mercury

Fasteners will not rust or create rust-streaks

Ordering Guide

Example: JTRFRK-24-2ML5-50K-DTO

Product Family	Size	Lumen Output	CCT	Dimming	Accessories
JTRFRK	22 - 2' x 2'	2ML3 - 2,116 - 3,557 Lumens	35K/40K/50K - 3500K/4000K/5000K Adjustable CCT	DTO - 0-10V Dim-To-Off	+ Jarvis Link WCM - Wireless Control Model
Center Basket Troffer LED Retrofit	24 - 2' x 4'	2ML5 - 2,590 - 5,250 Lumens	50K - 5000K		+ Jarvis Link Sensor (8-13ft) - Slim Wireless Low Bay Sensor

Variants in blue are typically quick ship items. Other variants are typically special order with longer lead times.



Regulatory and Voluntary Qualifications

ETL listed to UL 1598 and UL 8750 for both US and Canada

State of California Title 24 Compliant when installed in accordance with local requirements

DesignLights Consortium® (DLC) Premium qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified

Rated for Dry and Damp Locations

Warranty and Lifetime

JTRFRK Series carries a 10-year limited warranty

Contact Jarvis representative for details

Projected LED lifetime exceeds 50,000 hours under most operating conditions. Lifetime projections are calculated using data including LM-79, LM-80 and TM-21 calculations. Contact Jarvis representative for details.



Installation

JTRFRK Series is a one for one LED upgrade solution for existing fluorescent luminaires and or troffers installed in standard T-grid drop ceilings. Prior to installation of the JTRFRK Series, the lens, tubes, and ballast from the existing fixture should be removed. Two included retrofit brackets are installed into the existing fixture between housing and T-grid bar using provided self-tapping screws. JTRFRK LED fixture slides and latches into place in the existing fixture housing. During installation the wattage of JTRFRK can be changed via a switch behind the snap-in-place lens.

Contact a Jarvis Representative for full installation instructions, videos or additional information.

Accessories

The JTRFRK Series is compatible with many photosensors and motion sensor systems. Contact a Jarvis representative for more information.

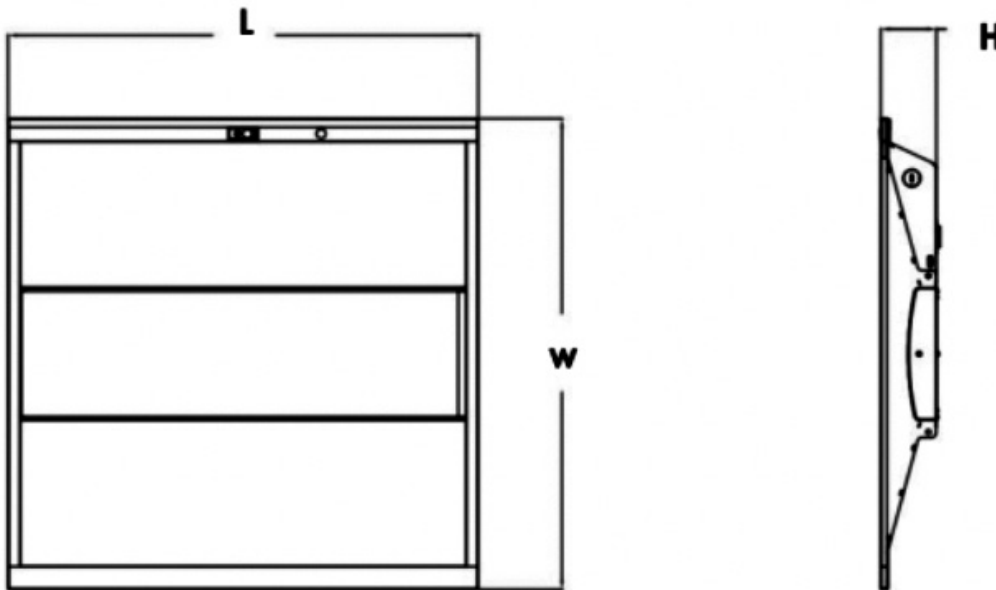
Photometrics

Photometric information, including LM-79 reports and .IES files are available for most models at www.jarvislighting.com. Site photometrics and lighting layouts are available. Contact a Jarvis representative.

Product Weight:

Model	Net Weight
JTRFRK-22	4.9 lbs
JTRFRK-24	9.0 lbs

Dimensions:



Catalog Number	Length	Width	Height
JTRFRK-22	22"	23"	1.7"
JTRFRK-24	45.6"	23"	1.7"



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