

JTRF Series LED Troffer Luminaire



Product Highlights

- Compatible with Jarvis Link networked lighting control systems
- Fits standard drop-ceilings
- 10 year warranty
- Wattage and CCT adjustable
- Optics designed to reduce unwanted glare
- Slim housing for low clearance applications

Jarvis JTRF Series

Unique optic design increases light spread with minimal glare

Power supply features 12V auxiliary power to easily power accessories

Available with integral networked lighting control system sensor

Slim housing design is perfect for low clearance applications

Competitors' Products

Optics have narrow light spread or feature unwanted glare

Requires additional power source to power some accessories

For some models basic sensor must be cut into ceiling tile

Larger housing makes installation more difficult

Ordering Guide *Example: JTRF-24-3ML6-35K/40K/50K-DTO*

Product Family	Size	Lumen Output / Wattage	CCT	Dimming	Emergency Battery Backup Option	Accessories
JTRF - Center Basket LED Troffer	22 - 2ftx2ft	2ML3 - 2,000 lm / 16 W <i>(Selectable)</i> 2,500 lm / 20 W 3,000 lm / 24 W 3,375 lm / 27 W <i>Only available for 2ft x 2ft</i>	35K/40K/50K - 3500K/4000K/5000K Selectable CCT	DT0 - 0-10V Dim-To-Off	[Blank] EM1 - Emergency backup battery unit, auto test function, 8W output, 90-minute minimum	+ Jarvis Link WCM - Wireless Control Model* + Jarvis Link Sensor (8-13ft) - Slim Wireless Low Bay Sensor*
	24 - 2ftx4ft	3ML6 - 3,047 lm / 30 W <i>(Selectable)</i> 4,980 lm / 40W 5,603 lm / 45 W 6,470 lm / 50 W <i>Only available for 2ft x 4ft</i>				

Variants in blue are typically quick ship items. Variants in white are typically special order with longer lead time.

*Jarvis Link System Requires Prior Training With Jarvis Representative

Electrical

Input Voltage: 120-277V 50/60Hz

Power Factor: >.9 at full load

Total Harmonic Distortion: <20% full load

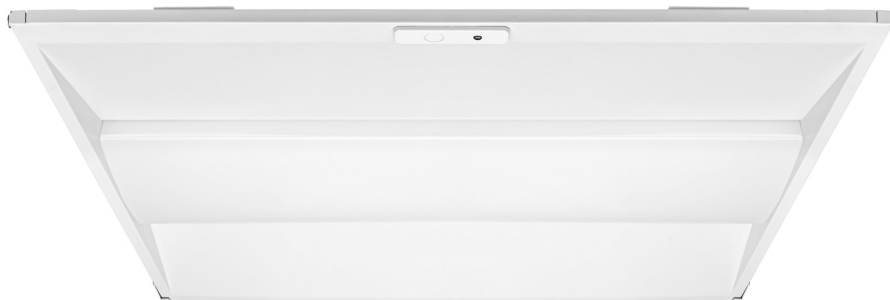
Operating Temperature Range: -20°C to 45° C Ambient (-4°F to 113°F)

Controls and Dimming

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

JTRF “DT0” 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.

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





DLC Product ID and Specifications:

Catalog #	DLC Product ID*	Input	Wattage	Lumens	CCT	CRI	PF
JTRF-22-2ML3-35K/40K/50K-DTO	PRJNWYLW	120-277V 50/60Hz	16W / 20W / 24W / 27W	2,000 / 2,500 / 3,000 / 3,375 lm	3500K / 4000K / 5000K	≥80	≥0.9
JTRF-24-3ML6-35K/40K/50K-DTO	S-RNOB1W	120-277V 50/60Hz	30W / 40W / 45W / 50W	3,047 / 4,980 / 5,603 / 6,470 lm	3500K / 4000K / 5000K	≥80	≥0.9

Factory default setting listed in bold

*DLC product ID represents factory default wattage. Contact factory 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.

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

JTRF 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.

Fasteners will not rust or create rust-streaks.



Installation

JTRF Series installs into a standard T-grid drop ceiling. Luminaires are sized to fit into either 2'x2' or 2'x4' ceiling sections and feature integral earthquake clips. During installation the wattage and color temperature of JTRF can be changed via a switch behind the snap-in-place lens.

Additional mounting accessories, and troffer retrofit models are available. 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.

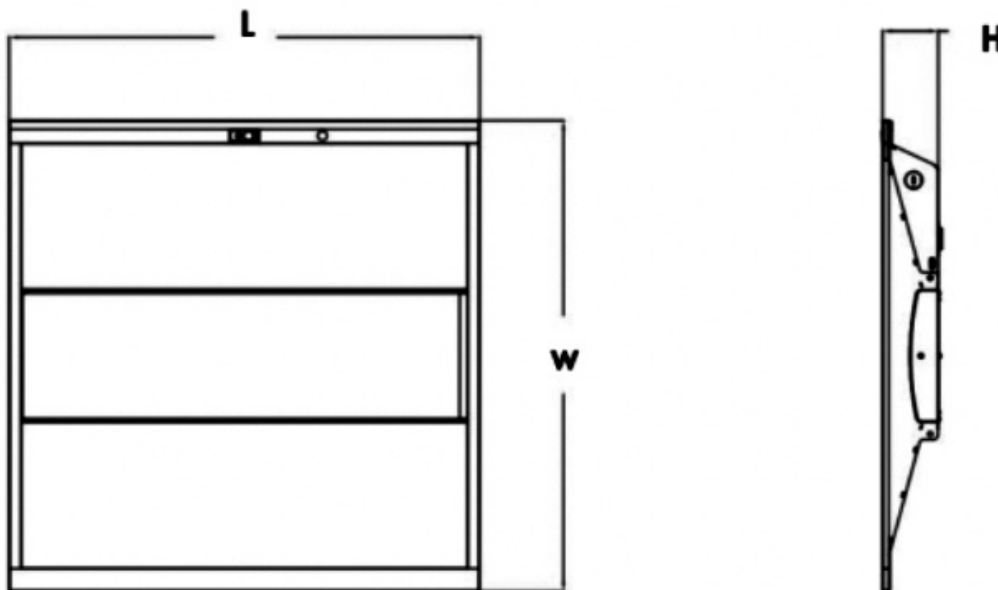
Photometrics

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
JTRF-22	5.5 lbs
JTRF-24	10.1 lbs

Dimensions:



Catalog Number	Length	Width	Height
JTRF-22	23.7"	23.7"	1.6"
JTRF-24	47.8"	23.7"	1.6"