

# JTRF Series LED Troffer Luminaire



## 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



## Most Popular Models and Specifications:

Catalog #	Description	DLC Product ID	Input	Power	Lumens	CCT	CRI	PF
JTRF-22-2ML3-40K-DTO	2ft x 2ft Wattage Adjustable Center Basket LED Troffer	PRJNWYLW	120-277V 50/60Hz	16W / 20W / 24W / <b>27W</b>	2,000 / 2,500 / 3,000 / <b>3,375 lm</b>	4000K	≥ 80	≥0.9
JTRF-22-2ML3-50K-DTO	2ft x 2ft Wattage Adjustable Center Basket LED Troffer	PRJNWYLW	120-277V 50/60Hz	16W / 20W / 24W / <b>27W</b>	2,000 / 2,500 / 3,000 / <b>3,375 lm</b>	5000K	≥80	≥0.9
JTRF-24-2ML5-40K-DTO	2ft x 4ft Wattage Adjustable Center Basket LED Troffer	PTJUP4N3	120-277V 50/60Hz	20W / 26W / 34W / <b>40W</b>	2,500 / 3,250 / 4,250 / <b>5,200 lm</b>	4000K	≥80	≥0.9
JTRF-24-2ML5-50K-DTO	2ft x 4ft Wattage Adjustable Center Basket LED Troffer	PTJUP4N3	120-277V 50/60Hz	20W / 26W / 34W / <b>40W</b>	2,500 / 3,250 / 4,250 / <b>5,200 lm</b>	5000K	≥80	≥0.9

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



[www.jarvislighting.com](http://www.jarvislighting.com)



(800) 363-1075



## Electrical

**Input Voltage:** 120-277V 50/60Hz

**Power Factor:** >.9 at full load

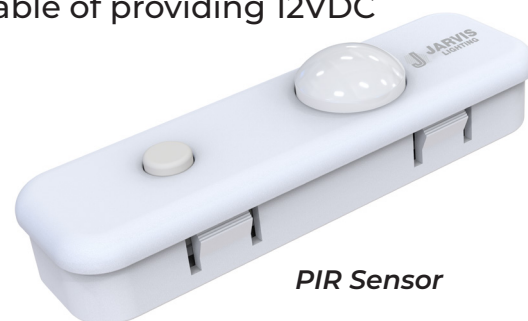
**Total Harmonic Distortion:** <20% full load

**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. JTRF series features a power supply capable of providing 12VDC auxiliary output power for a variety of accessories.

JTRF “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 JTRF 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: JTRF-24-2ML5-50K-DTO

Product Family	Size	Lumen Output	CCT	Dimming	Accessories
JTRF	22 - 2ftx2ft	2ML3 - 2,000 - 3,375 Lumens	40K - 4000K	DTO - 0-10V Dim-To-Off	+ Silvair WCM - Wireless Control Model
Center Basket LED Troffer	24 - 2ftx4ft	2ML5 - 2,500 - 5,200 Lumens	50K - 5000K		+ Silvair Sensor (8-13ft)- Slim Wireless Low Bay Sensor



## 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](http://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.



## 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 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.

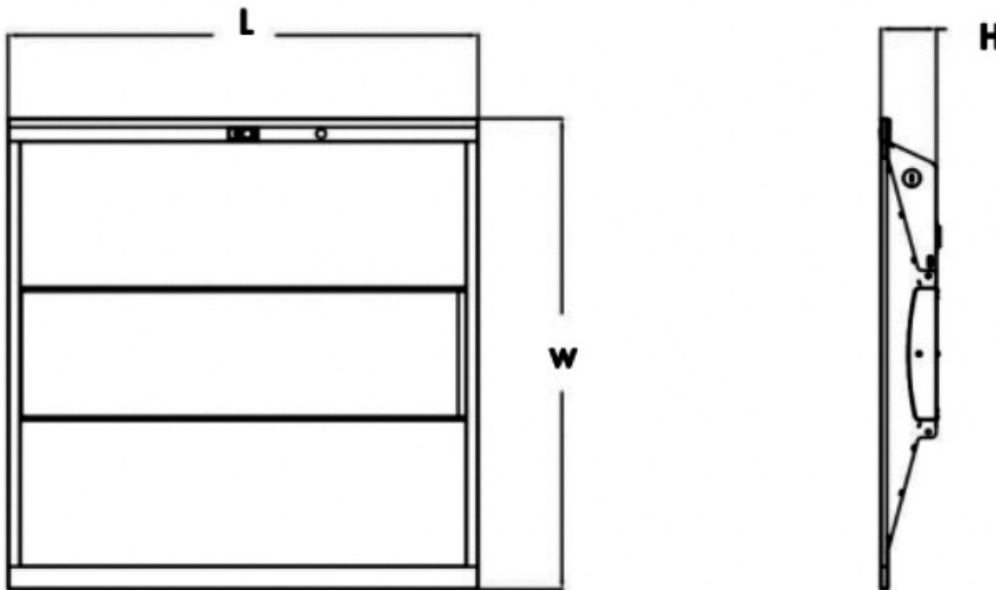
## Photometrics

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

## Product Weight:

Model	Net Weight
JTRF-22	5.5lbs
JTRF-24	10.1lbs

## Dimensions:



Catalog Number	Length	Width	Height
JTRFR-22	23.7"	23.7"	1.6"
JTRFR-24	47.8"	47.8"	1.7"



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