

# JSK Series LED Magnetic Strip Kit



## Product Highlights

- Optimized for fast and easy LED upgrade of existing 2x2 or 2x4 troffers
- Quickly retrofit T12, T8, or T5 tubes
- Frosted polycarbonate lens for uniform light distribution
- 0-10V dimming
- 10 Year Warranty

### Jarvis JSK Series

Installation does not depend on existing lamp sockets

Higher rebate incentives due to higher efficiency design

Ships as a complete kit in a single box

LEDs are protected during shipping and installation

Pre-installed glare diffuser creates better light

Fits 99.9% of existing troffers

Available with 0-10V dimming and 12v aux

Sensor and control ready

### Competitors' Products

Tube retrofits utilize existing sockets which may be incompatible or in poor condition

Lower rebate incentives due to lower efficiency design

Ships as separate parts and creates risk of job delays due to mismatched component counts

LEDs are exposed during shipping and installation

Diffuser not available or is extra cost

Fits ~97% of existing troffers

Dimming capability not available or is extra cost

Not sensor and control ready



## Ordering Guide *Example: JSK-4-4-72W-40K-DTO*

Product Family	Length	# of LED Strips	Wattage	CCT	Dimming/Control
JSK Magnetic Strip Kit	2 - 2ft kit	2 - 2 LED strips	24W - 24 Watts	35K - 3500K	<b>Blank</b> - 0-10V Dimming <b>DTO</b> - 0-10V Dim + 12v Aux
	4 - 4ft kit	3 - 3 LED strips	36W - 36 Watts	40K - 4000K	
		4 - 4 LED strips	54W - 54 Watts	50K - 5000K	
			72W - 72 Watts		

## Additional Field Installed Accessories

Catalog #	Description
A316P	Remote Head PIR PhotoMotion™ Sensor
A317M	Magnetic Panel + Troffer Microwave PhotoMotion™ Sensor

## Electrical

**Input Voltage:** 100-277V 50/60Hz

**Power Factor:** > 0.9 at full load.

**Total Harmonic Distortion:** <24% full load.

Includes over voltage protection, over current protection, and short circuit protection.

**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 100-277V input models and accessible on the power supply.

DTO models feature a 0-10V dim-to-off power supply capable of providing 12VDC auxiliary output power for a variety of accessories. Additionally DTO models 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 JSK Series is also compatible with most motion sensor systems and daylight harvesting systems. Contact a Jarvis representative for more information.

## Most Popular Models and Specifications:

Catalog #	Description	DLC Product ID	Input	Power	Lumens	CCT	CRI	PF
JSK-2-3-24W-35K	3 x 2' 8W LED Strips + 1 Power Supply	S-653C9A	100-277V 50/60Hz	24W	3,135 lm	3500K	≥ 80	≥ 0.9
JSK-2-3-24W-40K	3 x 2' 8W LED Strips + 1 Power Supply	S-21DXAM	100-277V 50/60Hz	24W	3,135 lm	4000K	≥ 80	≥ 0.9
JSK-2-3-24W-50K	3 x 2' 8W LED Strips + 1 Power Supply	S-N3W01P	100-277V 50/60Hz	24W	3,145 lm	5000K	≥ 80	≥ 0.9
JSK-4-2-24W-40K	2 x 4' 12W LED Strips + 1 Power Supply	P4HP9GWC	100-277V 50/60Hz	24W	3,128 lm	4000K	≥ 80	≥ 0.9
JSK-4-2-24W-50K	2 x 4' 12W LED Strips + 1 Power Supply	PJZ0B94Q	100-277V 50/60Hz	24W	3,144 lm	5000K	≥ 80	≥ 0.9
JSK-4-2-36W-40K	2 x 4' 18W LED Strips + 1 Power Supply	S-2RV60A	100-277V 50/60Hz	36W	4,660 lm	4000K	≥ 80	≥ 0.9
JSK-4-2-36W-50K	2 x 4' 18W LED Strips + 1 Power Supply	S-HWU7M3	100-277V 50/60Hz	36W	4,675 lm	5000K	≥ 80	≥ 0.9
JSK-4-2-36W-40K-DTO	2 x 4' 18W LED Strips + 1x 12v Aux/0-10V Dim Power Supply	S-KWB53A	100-277V 50/60Hz	35W	4,829 lm	4000K	≥ 80	≥ 0.9
JSK-4-2-36W-50K-DTO	2 x 4' 18W LED Strips + 1x 12v Aux/0-10V Dim Power Supply	S-I3D0HC	100-277V 50/60Hz	35W	5,026 lm	5000K	≥ 80	≥ 0.9
JSK-4-3-54W-40K-DTO	3 x 4' 18W LED Strips + 1x 12v Aux/0-10V Dim Power Supply	S-JBXZMN	100-277V 50/60Hz	53W	7,196 lm	4000K	≥ 80	≥ 0.9
JSK-4-4-72W-40K-DTO	4 x 4' 18W LED Strips + 1x 12v Aux/0-10V Dim Power Supply	S-Z9AS82	100-277V 50/60Hz	72W	8,645 lm	4000K	≥ 80	≥ 0.9

## Construction and Materials

LED retrofit strips are constructed from a polycarbonate enclosure containing an FRP circuit board and high-efficiency, high brightness reflow soldered LED. LEDs are surrounded by a high clarity polycarbonate diffuser. Snap-on magnetic clips are included for installation.

Luminaire's construction contains zero mercury.

## Regulatory and Voluntary Qualifications

UL listed to UL1598 and UL8750 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 Damp and Dry Locations.

Contact a Jarvis representative for more information.



## Warranty and Lifetime

JSK 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

Luminaire is designed to quickly retrofit existing troffer fixtures. The JSK LED strips are installed via included magnetic clips. The JSK power supply is installed using pre-applied VHB tape.

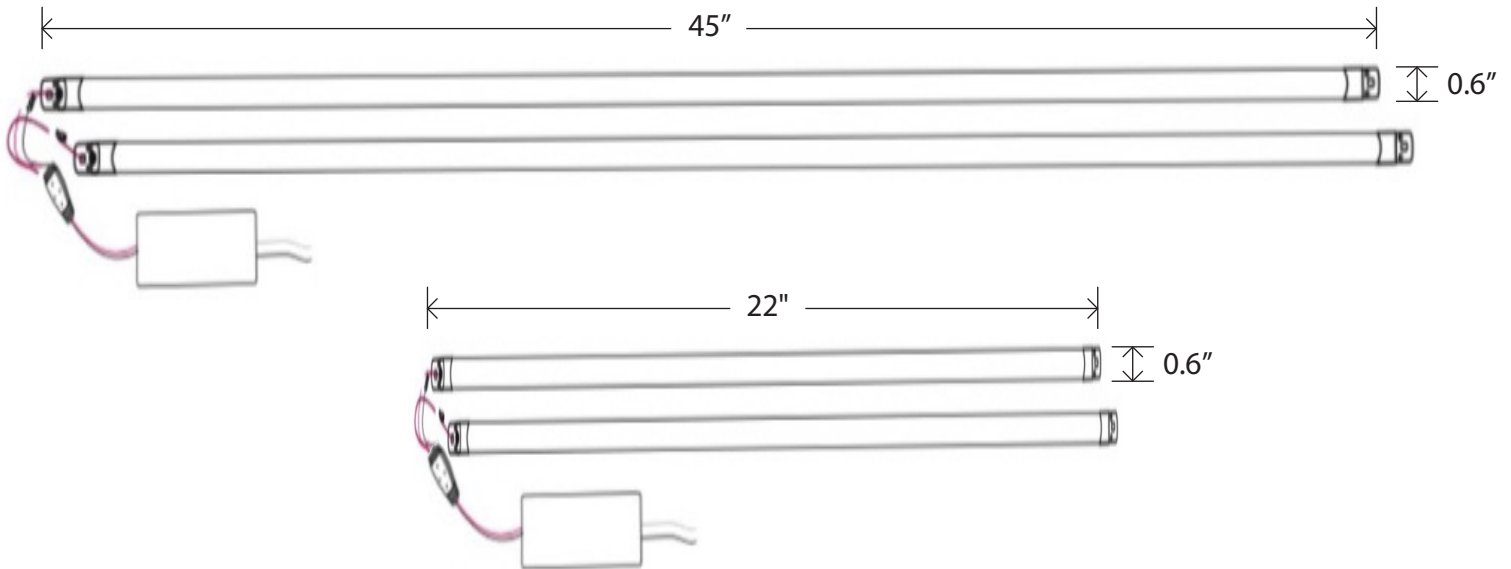
Contact a Jarvis Representative for full installation instructions or additional information.



## 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.

## Dimensions:



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