

RKLT24

2X4 LED Troffer Retrofit Kit

Catalog #

Note

Type

Product Description

The RKLT24 LED troffer retrofit kit combines Osram Sylvania LED modules and LED driver, delivers over 4900 lumens at 45 watts and 7300 lumens at 65 watts, available in 3500K/4000K/5000K. The RKLT24 LED troffer retrofit kit is 0-10V dimming, accepts 100-277VAC and produces equivalent luminous intensity as 85W and 115W fluorescent fixture respectively.

The kit includes one piece 2'X4' steel plate constructed with LED modules and LED driver, two pieces side bars, and four pieces clips. The kit provides a quick and easy upgrade solution, fits both parabolic and lensed troffer housings.

Performance Summary

Input Voltage: 120/277VAC

Input Power: 45W and 65W (85W and 115W Fluorescent Fixture Equivalent)

Efficacy: 110 LPW

PF: 0.95

THD: 15%

Lumen Output: 4900 Lumens and 7300 Lumens

CCT: 3500K/4000K/5000K

CRI: 80

R9: 10

L70 Life: 50,000 Hours

Warranty: 5 Years

2'X4' Size

No Ballast or Starter Required

Indoor Application



Ordering Information

Example: RKLT2445HU40K49L10D

MODEL	WATTAGE	VOLTAGE	COLOR TEMP	LUMEN OUTPUT	LIGHTING CONTROL
RKLT24 2'X4' LED Troffer Retrofit Kit	45 45W 65 65W	HU 100-277VAC	35K 3500K 40K 4000K 50K 5000K	49L 4900lm 73L 7300lm	10D 0-10V Dimming

Notes:

Lead times will vary depending on options selected. Consult with your sales representative.

Specifications tolerance: \pm 5%.

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Features & Specifications

CONSTRUCTION & MATERIALS

- Two side bars
- One-piece durable steel plate constructed with LED modules and LED driver
- Fit both parabolic and lensed troffer fixtures
- Avoid the removal of the existing fixture from the ceiling cavity and the associated asbestos abatement

MOUNTING AND WIRING

- Drill the supplied tek screws into existing troffer fixture to mount the side bars
- Put the steel plate onto the side bars, turn the clips 90 degrees to lock
- Push the stripped wire conductor into luminaire disconnect

ENVIRONMENTAL SYSTEM

- Indoor and dry location

OPTICAL SYSTEM

- Designed with the look of traditional fluorescent fixtures
- High performance Osram Sylvania LED modules
- Color temperature available in 3500K, 4000K and 5000K
- 50,000 hours life

ELECTRICAL SYSTEM

- Integral high performance Osram Sylvania LED driver
- Universal input voltage 120-277VAC, 50/60Hz

PHYSICAL SPECIFICATION	
Dimension	L23.80 X W47.80 inch
Housing	Sheet steel
ENVIRONMENTAL SPECIFICATION	
Temp Range	-13-113°F operating (-25-45 °C)
Humidity Range	20% - 85% RH
OPTICAL SPECIFICATION	
Lumen Output	4900 lm and 7300 lm
Efficacy	110 lm/W
CCT	3500K/4000K/5000K
CRI	80
R9	10
ELECTRICAL SPECIFICATION	
Input Voltage	100-277 VAC, 50/60 Hz
Input Power	36 W
Power Factor	0.95
Total Harmonic Distortion	15%
LONGEVITY AND WARRANTY	
L70 Life	50,000 hrs
Warranty	5 years
LISTING AND CERTIFICATES	
Design Lights Consortium (DLC) (pending)	
Lighting Facts (pending)	
UL and cUL (pending)	
CE and RoHS	

Quick Installation Instruction

1. Turn off power, remove the existing socket plate, place the side bars, and drill the tek screws into existing troffer fixture (Fig. 1)
2. Push stripped wire into luminaire disconnect (Fig. 2)
3. Put the steel plate onto the side bars, turn the clips 90 degrees to lock (Fig. 3)
4. Turn on the power and enjoy your Pozeen LED lighting (Fig. 4)



Fig. 1



Fig. 2



Fig. 3



Fig. 4