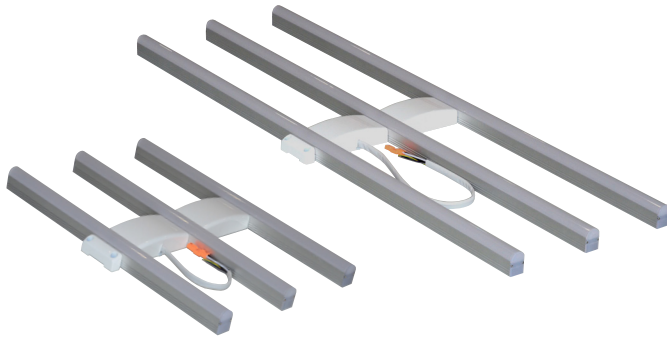


# SYLVANIA

## LEDVANCE Luminaires

### Troffer Retrofit Kit

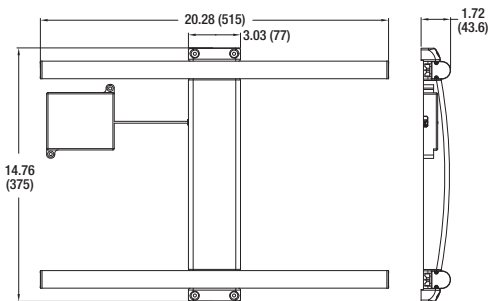


LEDVANCE Troffer Retrofit Kits are environmentally preferable LED alternatives for retrofitting traditional fluorescent lens troffer luminaires, offering up to 50% in energy savings. The kits are offered in two sizes/lamp configurations and are ideal for illuminating commercial spaces, offices, and retail applications.

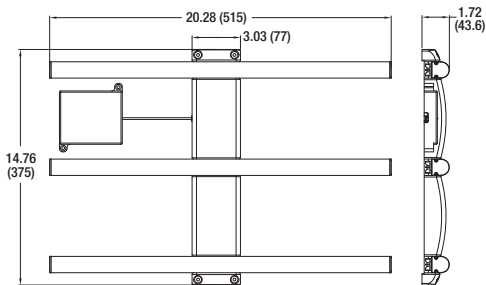
The Troffer Retrofit Kits feature a safe, easy, and quick install in under 4 minutes, and they bypass the existing ballast to eliminate any ballast incompatibility issues. The LEDVANCE luminaires assure optimum light engine performance for extended service and rated life ( $\geq 50,000$  hours  $L_{70}$ ).

### Dimensions

#### 2x2 2-Lamp



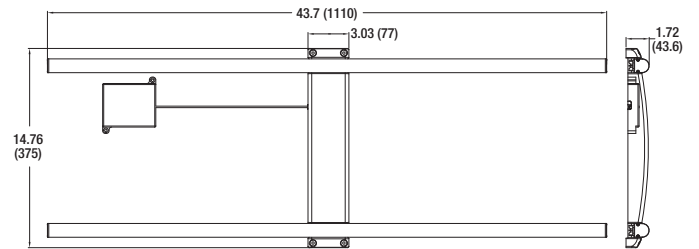
#### 2x2 3-Lamp



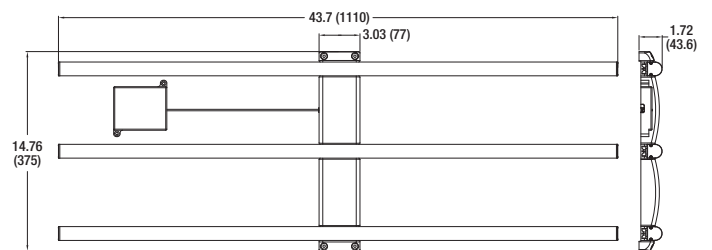
Dimensions are in inches (mm)

Catalog #	Type
Project	
Notes	
Date	
Prepared by	

#### 2x4 2-Lamp



#### 2x4 3-Lamp



Dimensions are in inches (mm)

### Specifications

**Weight:** 2x2 2-lamp (765g), 2x2 3-lamp (938g), 2x4 2-lamp (1123g), 2x4 3-lamp (1488g).

**Construction:** Lightweight plastic body with extruded light bars.

**LED System:** LED system with a life rating of  $\geq 50,000$  hours at  $L_{70}$  @25°C. Luminaire efficacy up to 111 LPW.

**Electrical:** Offered in 24, 26, 27 and 40 Watts, the luminaire is designed to operate through the 120-277 V<sub>AC</sub> universal voltage range. The LED driver is a constant current device. The power factor is  $\geq 90\%$  and THD is  $\leq 20\%$ .

**Dimming:** The driver is 0-10V and phase-cut dimmable (down to 10%). Please reference the dimmer compatibility document.

**Color Characteristics:** CRI  $> 80$ ; CCT of 3000K, 3500K, 4000K, or 5000K.

**Optics:** Single white diffuse polycarbonate curved lens with 120° beam angle.

**Installation:** Retrofit kit to be installed inside existing troffer.

**Operating Temperature:** -4°F to +122°F (-20°C to +50°C).

**Listings:** cETLus classified to UL1598C standards and suitable for damp locations.

**Warranty:** Standard 5-year luminaire warranty (LED284R1).

**Note:** Specifications subject to change without notice. IES files available online.



## Photometric Data

Average Illuminance (FC) at 30" AFF and avg/min uniformity  
80/50/20 Reflectances

		8 ft Mounting Height			10 ft Mounting Height			12 ft Mounting Height		
		On Center Fixture Spacing			On Center Fixture Spacing			On Center Fixture Spacing		
		8'x10'	10'x10'	10'x12'	8'x10'	10'x10'	10'x12'	8'x10'	10'x10'	10'x12'
<b>2 Ft – 2-Lamp</b>	<b>24W</b>	35/1.8	29/1.6	25/1.7	34/1.8	28/1.6	24/1.4	32/1.8	27/1.7	23/1.5
<b>2 Ft – 3-Lamp</b>	<b>26W</b>	38/1.8	31/1.6	27/1.7	36/1.7	30/1.5	26/1.4	35/1.8	29/1.7	25/1.5
<b>4 Ft – 2-Lamp</b>	<b>27W</b>	37/1.9	30/1.6	26/1.8	36/1.8	29/1.5	25/1.5	34/1.8	28/1.7	24/1.5
<b>4 Ft – 3-Lamp</b>	<b>40W</b>	53/1.8	44/1.6	37/1.9	52/1.8	42/1.6	36/1.4	50/1.9	41/1.7	35/1.5

## Ordering Guide

Item Number:

LED® /	TROFF	/	XX	/	XXX	/	XXX	/	D	/	CRI	/	XX	/	Dimensions	/	Finish
LED®	Product Name		# Lamps		024 = 24W		Voltage		D = 0-10V		8 = 80+		Color Temperature		22 = 2x2		WH = White
	TROFF		2L = 2 lamps		026 = 26W		UNV = 120-277V						30 = 3000K		24 = 2x4		
			3L = 3 lamps		027 = 27W								35 = 3500K				
					040 = 40W								40 = 4000K				
													50 = 5000K				

## Ordering Information

Kit Type	Item Number	Ordering Abbreviation	Wattage	Lumens	LPW	Beam Angle	Input Voltage	CCT	Dimming	CRI
2ft – 2 Lamp	75460	LEDR/TROFF/2L/024/UNV/D/830/22/WH	24	3000	125	120	120-277V	3000K	0-10V	82
	75461	LEDR/TROFF/2L/024/UNV/D/835/22/WH	24	3000	125	120	120-277V	3500K	0-10V	82
	75462	LEDR/TROFF/2L/024/UNV/D/840/22/WH	24	3000	125	120	120-277V	4000K	0-10V	82
	75463	LEDR/TROFF/2L/024/UNV/D/850/22/WH	24	3000	125	120	120-277V	5000K	0-10V	82
2ft – 3 Lamp	75431	LEDR/TROFF/3L/026/UNV/D/830/22/WH	26	3200	123	120	120-277V	3000K	0-10V	82
	75432	LEDR/TROFF/3L/026/UNV/D/835/22/WH	26	3200	123	120	120-277V	3500K	0-10V	82
	75433	LEDR/TROFF/3L/026/UNV/D/840/22/WH	26	3200	123	120	120-277V	4000K	0-10V	82
	75434	LEDR/TROFF/3L/026/UNV/D/850/22/WH	26	3200	123	120	120-277V	5000K	0-10V	82
4ft – 2 Lamp	75427	LEDR/TROFF/2L/027/UNV/D/830/24/WH	27	3200	119	120	120-277V	3000K	0-10V	82
	75428	LEDR/TROFF/2L/027/UNV/D/835/24/WH	27	3200	119	120	120-277V	3500K	0-10V	82
	75429	LEDR/TROFF/2L/027/UNV/D/840/24/WH	27	3200	119	120	120-277V	4000K	0-10V	82
	75430	LEDR/TROFF/2L/027/UNV/D/850/24/WH	27	3200	119	120	120-277V	5000K	0-10V	82
4ft – 3 Lamp	75496	LEDR/TROFF/3L/040/UNV/D/830/24/WH	40	4800	120	120	120-277V	3000K	0-10V	82
	75497	LEDR/TROFF/3L/040/UNV/D/835/24/WH	40	4800	120	120	120-277V	3500K	0-10V	82
	75498	LEDR/TROFF/3L/040/UNV/D/840/24/WH	40	4800	120	120	120-277V	4000K	0-10V	82
	75499	LEDR/TROFF/3L/040/UNV/D/850/24/WH	40	4800	120	120	120-277V	5000K	0-10V	82

## Application Information

### Application Notes

1. The troffer retrofit kit (all models) is compatible with the Bodine emergency back-up model ELI-S-100 and IOTA models IIS-125 and IIS-35.
2. Check fixture compatibility with our troffer retrofit kit before installation.
3. Check the compatible troffer list at: <https://www.sylvania.com/en-us/products/solid-state-lighting-led/Pages/LED-RT-Literature-Gallery.aspx>
4. Qualifies for DLC 4.1.

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