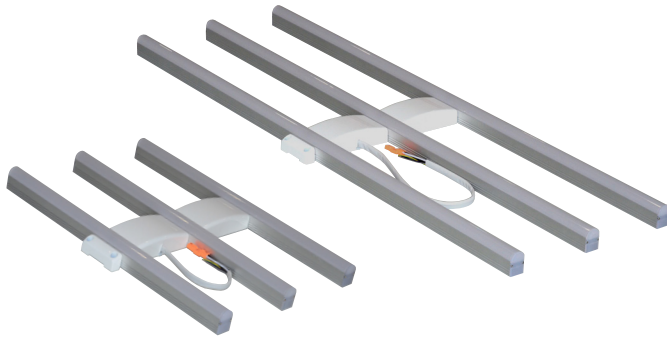


# SYLVANIA Luminaires

## Troffer Retrofit Kit

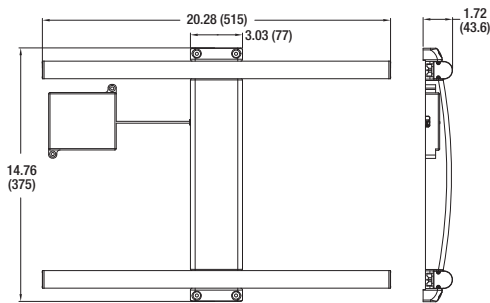


SYLVANIA Troffer Retrofit Kits are environmentally preferable LED alternatives for retrofitting traditional fluorescent lens troffer luminaires, offering up to 50% in energy savings. The kits are offered in two sizes/lamp configurations and are ideal for illuminating commercial spaces, offices, and retail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

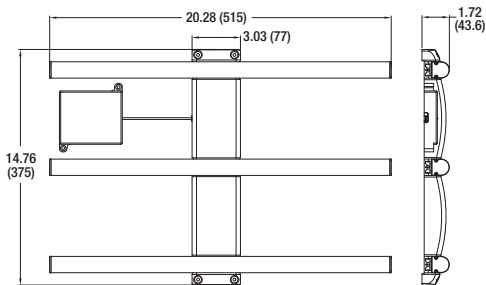
The Troffer Retrofit Kits feature a safe, easy, and quick install in under 4 minutes, and they bypass the existing ballast to eliminate any ballast incompatibility issues. The SYLVANIA luminaires assure optimum light engine performance for extended service and rated life ( $\geq 50,000$  hours  $L_{70}$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

### Dimensions

#### 2x2 2-Lamp



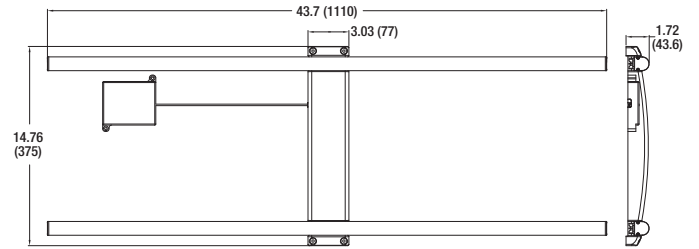
#### 2x2 3-Lamp



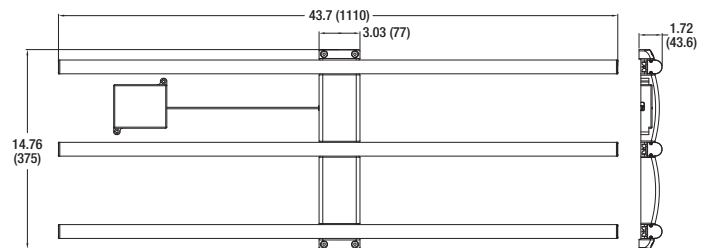
Dimensions are in inches (mm)

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 aluminum light bars.

**LED System:** LED system with a life rating of  $\geq 50,000$  hours at  $L_{70}$  @25°C. Luminaire efficacy up to 125 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 dimmable (down to 10%).

**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/840/24/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

\* Made to order with lead time.

## 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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