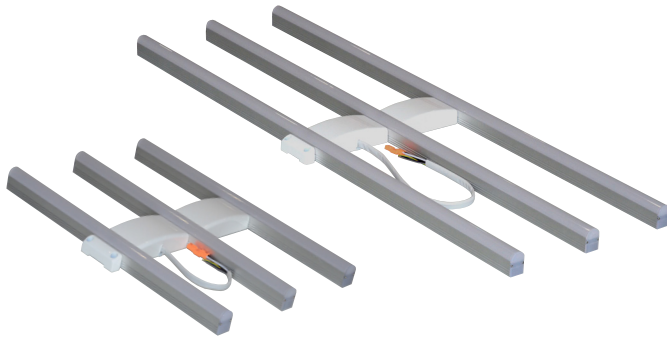


SYLVANIA

LEDVANCE Luminaires

Troffer Retrofit Kit

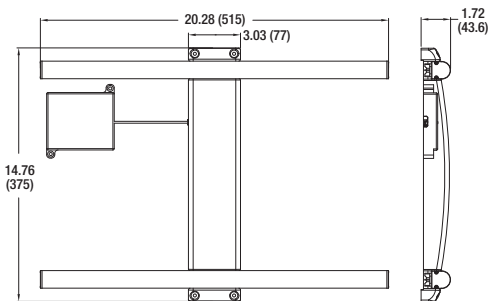


LEDVANCE Troffer Retrofit Kits are environmentally preferable LED alternatives for retrofitting traditional fluorescent lens troffer luminaires, offering up to 50% in energy savings. The kits are offered in two sizes/lamp configurations and are ideal for illuminating commercial spaces, offices, and retail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

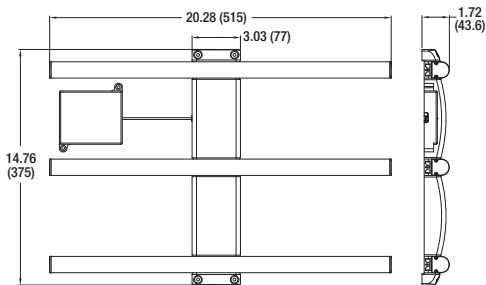
The Troffer Retrofit Kits feature a safe, easy, and quick install in under 4 minutes, and they bypass the existing ballast to eliminate any ballast incompatibility issues. The LEDVANCE luminaires assure optimum light engine performance for extended service and rated life ($\geq 50,000$ hours L_{70}).

Dimensions

2x2 2-Lamp



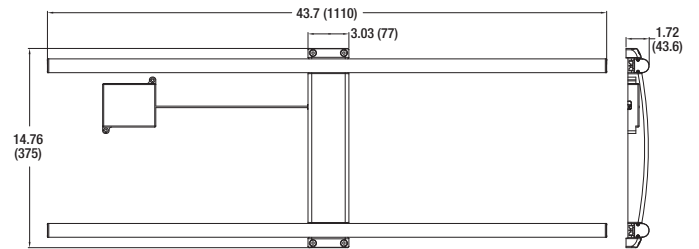
2x2 3-Lamp



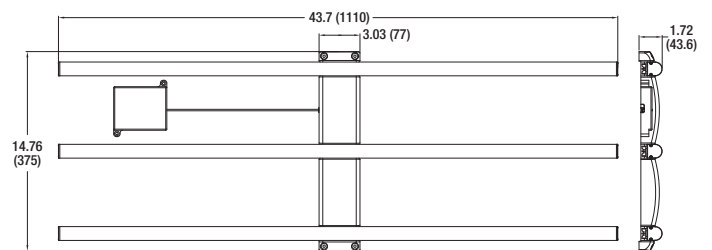
Dimensions are in inches (mm)

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 27, 29, and 44 Watts, the luminaire is designed to operate through the 120-277 Vac 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%). 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'
2 Ft – 2-Lamp	27W	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
2 Ft – 3-Lamp	29W	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
4 Ft – 2-Lamp	29W	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
4 Ft – 3-Lamp	44W	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	027 = 27W	Voltage	D = 0-10V	8 = 80+	Color Temperature	22 = 2x2	WH= White
	TROFF	2L = 2 lamps	029 = 29W	UNV = 120-277V			30 = 3000K	24 = 2x4	
		3L = 3 lamps	044 = 44W				35 = 3500K		
							40 = 4000K		
							50 = 5000K		

Ordering Information

Kit Type	Product Number	Product Description	Wattage	Lumens	LPW	Beam Angle	Input Voltage	CCT	CRI
2 Ft – 2-Lamp	75276	LEDRTROFF/2L/027/UNV/D/830/22/WH	27W	3000	111	120°	120-277V	3000K	82
	75277	LEDRTROFF/2L/027/UNV/D/835/22/WH	27W	3000	111	120°	120-277V	3500K	82
	75278	LEDRTROFF/2L/027/UNV/D/840/22/WH	27W	3000	111	120°	120-277V	4000K	82
	75279	LEDRTROFF/2L/027/UNV/D/850/22/WH	27W	3000	111	120°	120-277V	5000K	82
2 Ft – 3-Lamp	75056	LEDRTROFF/3L/029/UNV/D/830/22/WH	29W	3200	110	120°	120-277V	3000K	82
	75057	LEDRTROFF/3L/029/UNV/D/835/22/WH	29W	3200	110	120°	120-277V	3500K	82
	75058	LEDRTROFF/3L/029/UNV/D/840/22/WH	29W	3200	110	120°	120-277V	4000K	82
	75059	LEDRTROFF/3L/029/UNV/D/850/22/WH	29W	3200	110	120°	120-277V	5000K	82
4 Ft – 2-Lamp	75051	LEDRTROFF/2L/029/UNV/D/830/24/WH	29W	3200	110	120°	120-277V	3000K	82
	75052	LEDRTROFF/2L/029/UNV/D/835/24/WH	29W	3200	110	120°	120-277V	3500K	82
	75053	LEDRTROFF/2L/029/UNV/D/840/24/WH	29W	3200	110	120°	120-277V	4000K	82
	75054	LEDRTROFF/2L/029/UNV/D/850/24/WH	29W	3200	110	120°	120-277V	5000K	82
4 Ft – 3-Lamp	75234	LEDRTROFF/3L/044/UNV/D/830/24/WH	44W	4850	110	120°	120-277V	3000K	82
	75235	LEDRTROFF/3L/044/UNV/D/835/24/WH	44W	4850	110	120°	120-277V	3500K	82
	75236	LEDRTROFF/3L/044/UNV/D/840/24/WH	44W	4850	110	120°	120-277V	4000K	82
	75237	LEDRTROFF/3L/044/UNV/D/850/24/WH	44W	4850	110	120°	120-277V	5000K	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>

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