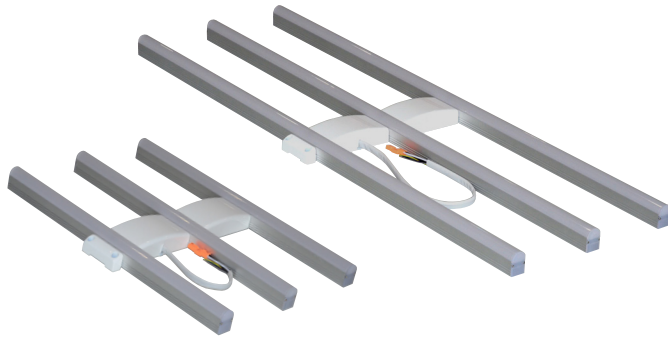


# SYLVANIA

## LEDVANCE Luminaires

### Troffer Retrofit Kit

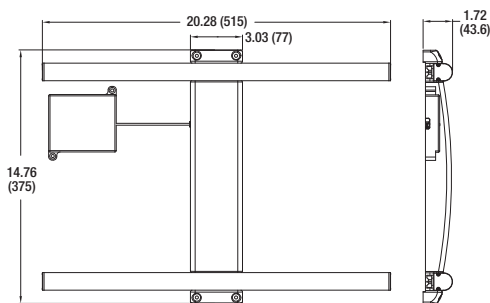


LEDVANCE Troffer Retrofit Kits are environmentally preferable LED alternatives for retrofitting traditional fluorescent lens troffer luminaires, offering up to 50% in energy savings. The kits are offered in two sizes/lamp configurations and are ideal for illuminating commercial spaces, offices, and retail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

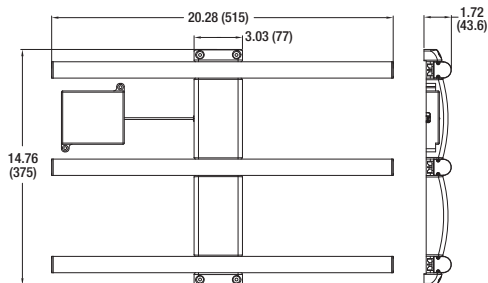
The Troffer Retrofit Kits feature a safe, easy, and quick install in under 4 minutes, and they bypass the existing ballast to eliminate any ballast incompatibility issues. The LEDVANCE luminaires assure optimum light engine performance for extended service and rated life ( $\geq 50,000$  hours  $L_{70}$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

#### Dimensions

##### 2x2 2-Lamp



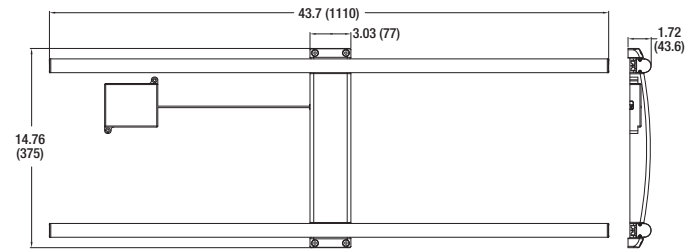
##### 2x2 3-Lamp



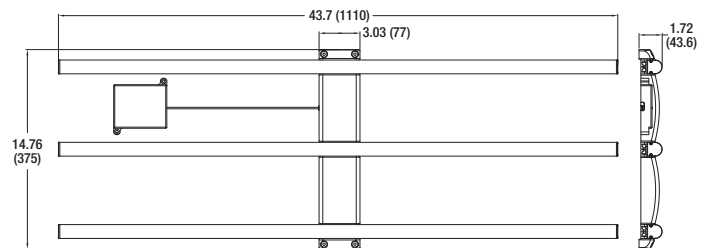
Dimensions are in inches (mm)

|             |      |
|-------------|------|
| 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 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.



**SYLVANIA**



## 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 | 24W | 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 | 26W | 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 | 27W | 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 | 40W | 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<br>TROFF | # Lamps<br>2L = 2 lamps<br>3L = 3 lamps | 024 = 24W<br>026 = 26W<br>027 = 27W<br>040 = 40W | Voltage<br>UNV = 120-277V | D = 0-10V | 8 = 80+ | Color Temperature<br>30 = 3000K<br>35 = 3500K<br>40 = 4000K<br>50 = 5000K | 22 = 2x2<br>24 = 2x4 | WH = White |

## Ordering Information

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

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Specifications subject to change without notice.

