

SYLVANIA Luminaires

ValueLED™ Volumetric Troffer

Application

The ValueLED Volumetric Troffer is offered in two sizes (2'x2' and 2'x4') and are ideal for illuminating offices, retail, hallways, multipurpose rooms and hospitality areas.

Benefits and Features

- All models are DLC Premium listed to maximize rebate opportunities and offer 0-10V dimming to optimize energy savings
- Ideal in retrofit applications offering up to 52% energy savings when compared to traditional lighting technologies
- Offered in two wattage/lumen packages and three color temperatures
- Up to 130 LPW
- 3500K, 4000K, and 5000K color temperature
- CRI >80
- Offered in 28 and 36 watts

Electrical

- 120-277VAC UNV
- Power Factor >90%
- THD <20%
- 0-10V dimmable (down to 10%). Please reference the dimmer compatibility document (LEDLUM012)

Rated Life

- 50,000 hours (L₇₀)

Warranty

- 5-year

Ambient Operating Range

- -4°F to +104°F (-20°C to +40°C)
- EM: 32°F to 104°F (0°C to 40°C)

Certifications and Listings

- cETLus classified to UL1598 standards and wet rated for locations with a covered ceiling

Installation

- Luminaire is intended for installation in recessed T-Grid ceilings

| |
|---------|
| Item # |
| Type |
| Project |
| Notes |
| Date |



Wattage Comparison

| Traditional Source | Traditional System Wattage | LED System Wattage | Energy Savings |
|--------------------|----------------------------|--------------------|----------------|
| 3 x 17W T8 | 48 | 28 | 42% |
| 2 x U31 T8 | 56 | 28 | 50% |
| 3 x 28W T8 | 58 | 36 | 38% |
| 3 x 32W T8 | 75 | 36 | 52% |



Ordering Guide

| VOLUME | 3A | / | XXX | UNV | D | 8 | XX | / | XX | G | / | WH | X |
|--------------|------------|---|------------------------------|---------------|---------|-------|-------------------------------|---|------------------|----------|---|--------------|--------------------------------|
| Product Name | Generation | | Wattage | Voltage | Dimming | CRI | Color Temp | | Dimensions | Mounting | | Color/Finish | Option |
| VOLUME | 3A | | 028=28 Watts 036=36 Watts | UNV = 120-277 | D=0-10V | 8=>80 | 35=3500 40=4000 50=5000 | | 22=2x2 24=2x4 | G=Grid | | WH=White | E=Emergency Blank=No option |

Ordering Information

| Item Number | Ordering Abbreviation | Wattage | Voltage | Dimming | CRI | Color Temp | Lumens | LPW | Emergency |
|-------------|-----------------------------|---------|---------|---------|-----|------------|--------|-----|-----------|
| 60444 | VOLUME3A/028UNVD835/22G/WH | 28 | 120-277 | 0-10 | >80 | 3500K | 3500 | 125 | - |
| 60445 | VOLUME3A/028UNVD840/22G/WH | 28 | 120-277 | 0-10 | >80 | 4000K | 3500 | 125 | - |
| 60446 | VOLUME3A/028UNVD850/22G/WH | 28 | 120-277 | 0-10 | >80 | 5000K | 3500 | 125 | - |
| 60447 | VOLUME3A/028UNVD835/22G/WHE | 28 | 120-277 | 0-10 | >80 | 3500K | 3500 | 125 | Yes |
| 60448 | VOLUME3A/028UNVD840/22G/WHE | 28 | 120-277 | 0-10 | >80 | 4000K | 3500 | 125 | Yes |
| 60449 | VOLUME3A/028UNVD850/22G/WHE | 28 | 120-277 | 0-10 | >80 | 5000K | 3500 | 125 | Yes |
| 60438 | VOLUME3A/036UNVD835/24G/WH | 36 | 120-277 | 0-10 | >80 | 3500K | 4500 | 130 | - |
| 60439 | VOLUME3A/036UNVD840/24G/WH | 36 | 120-277 | 0-10 | >80 | 4000K | 4500 | 130 | - |
| 60440 | VOLUME3A/036UNVD850/24G/WH | 36 | 120-277 | 0-10 | >80 | 5000K | 4500 | 130 | - |
| 60441 | VOLUME3A/036UNVD835/24G/WHE | 36 | 120-277 | 0-10 | >80 | 3500K | 4500 | 130 | Yes |
| 60442 | VOLUME3A/036UNVD840/24G/WHE | 36 | 120-277 | 0-10 | >80 | 4000K | 4500 | 130 | Yes |
| 60443 | VOLUME3A/036UNVD850/24G/WHE | 36 | 120-277 | 0-10 | >80 | 5000K | 4500 | 130 | Yes |

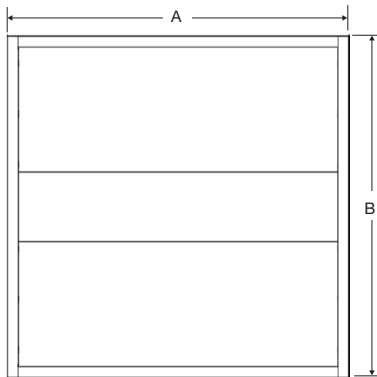
Photometrics

| | | 8 ft Mounting Height | | | 10 ft Mounting Height | | | 12 ft Mounting Height | | | |
|-------|-----|----------------------------|----------|----------|-----------------------|----------|----------|-----------------------|----------|----------|----------|
| | | On Center Fixture Spacing | | | | | | | | | |
| | | 8'x10' | 10'x10' | 10'x12' | 8'x10' | 10'x10' | 10'x12' | 8'x10' | 10'x10' | 10'x12' | |
| 2'x2' | 28W | VOLUME3A/028UNVD835/22G/WH | 44fc/1.5 | 37fc/1.3 | 33fc/1.5 | 43fc/1.6 | 36fc/1.4 | 32fc/1.3 | 41fc/1.6 | 35fc/1.5 | 30fc/1.3 |
| | | VOLUME3A/028UNVD840/22G/WH | 46fc/1.5 | 39fc/1.3 | 34fc/1.5 | 44fc/1.6 | 37fc/1.4 | 33fc/1.3 | 43fc/1.6 | 36fc/1.5 | 31fc/1.3 |
| | | VOLUME3A/028UNVD850/22G/WH | 46fc/1.5 | 39fc/1.3 | 34fc/1.5 | 45fc/1.6 | 38fc/1.4 | 33fc/1.3 | 43fc/1.6 | 36fc/1.5 | 32fc/1.3 |
| 2'x4' | 36W | VOLUME3A/036UNVD835/24G/WH | 56fc/1.5 | 47fc/1.3 | 42fc/1.5 | 54fc/1.6 | 46fc/1.4 | 40fc/1.3 | 52fc/1.6 | 44fc/1.5 | 38fc/1.3 |
| | | VOLUME3A/036UNVD840/24G/WH | 58fc/1.5 | 50fc/1.3 | 44fc/1.5 | 57fc/1.6 | 48fc/1.4 | 42fc/1.3 | 55fc/1.6 | 46fc/1.5 | 40fc/1.3 |
| | | VOLUME3A/036UNVD850/24G/WH | 59fc/1.5 | 50fc/1.3 | 44fc/1.5 | 57fc/1.6 | 48fc/1.4 | 42fc/1.3 | 55fc/1.6 | 46fc/1.5 | 41fc/1.3 |

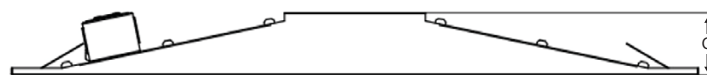
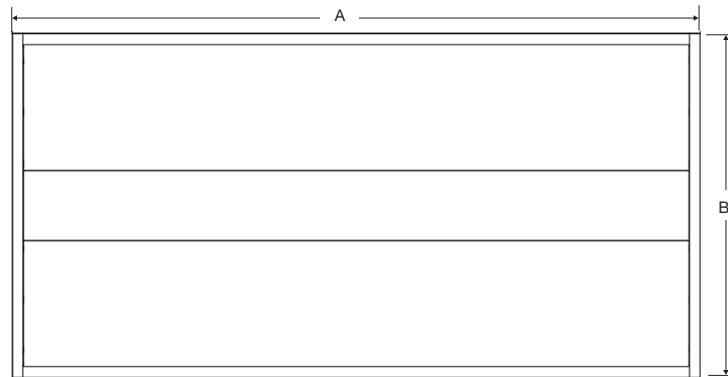
Physical Information

| Lamp Description | (A) Length (in.) | (B) Width (in.) | (C) Height (in.) |
|------------------|------------------|-----------------|------------------|
| 2x2 | 23.77 | 23.77 | 2.12 |
| 2x4 | 47.71 | 23.77 | 2.12 |
| 2x2 EM | 23.77 | 23.77 | 3.38 |
| 2x4 EM | 47.71 | 23.77 | 3.38 |

2X2



2X4




Accessories and Replacement Parts

| Item Number | Ordering Abbreviation | Item Description |
|-------------|-----------------------|------------------------------|
| 60457 | FK1A14GWH | 1x4 Flange Kit, White Finish |
| 60458 | FK1A22GWH | 2x2 Flange Kit, White Finish |
| 60459 | FK1A24GWH | 2x4 Flange Kit, White Finish |

*Please see Surface Mount Kit installation manual for instructions.

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Name: _____
Email: _____
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