

# SYLVANIA Luminaires

## ValueLED™ Lumen Selectable Volumetric Troffer

### Application

The ValueLED Volumetric Troffer is offered in three sizes (1'x4', 2'x2', and 2'x4') and is ideal for illuminating offices, retail spaces, hallways, multipurpose rooms and hospitality areas.

### Benefits and Features

- Lumen selectability increases the versatility of this product
- All models are DLC 5.1 listed to maximize rebate opportunities
- Ideal in retrofit applications, offering up to 61% energy savings when compared to traditional lighting technologies
- Additional energy savings can be obtained by taking advantage of the standard 0-10V dimming driver
- Up to 125 LPW
- 3500K, 4000K or 5000K color temperature
- 0-10V dimmable
- CRI >80

### Electrical

- 120-277V<sub>AC</sub>
- THD <20%
- Power Factor >90%

### Rated Life

- 100,000 hours (L<sub>70</sub>) @25°C

### Warranty

- 5-year
- NLB Trusted Warranty Program

### Ambient Operating Range

- -4°F to +120°F (-20°C to +50°C)
- +32°F to +120°F (0°C to +50°C) (Emergency versions)

### Certifications and Listings

- cULus
- FCC
- RoHS
- DLC 5.1 Standard

Item #

Type

Project

Notes

Date



### Wattage Comparison

| Traditional Source | Traditional System Wattage | LED System Wattage | Energy Savings |
|--------------------|----------------------------|--------------------|----------------|
| 2x28W T8           | 49                         | 20                 | 59%            |
| 2x32W T8           | 56                         | 25                 | 55%            |
| 3x28W T8           | 64                         | 30                 | 53%            |
| 3x32W T8           | 75                         | 34                 | 55%            |
| 4x28W T8           | 97                         | 38                 | 61%            |
| 4x32W T8           | 116                        | 45                 | 61%            |

### Installation

- Luminaire lays in standard 15/16" and 9/16" T-grid ceilings



## Ordering Guide

| VOLUME             | 5A            | S                | / XX        | UNX      | D         | 8       | XX         | / XX        | U             | / WH         | XX                        |
|--------------------|---------------|------------------|-------------|----------|-----------|---------|------------|-------------|---------------|--------------|---------------------------|
| Product Name       | Generation    | Lumen Selectable | Wattage     | Voltage  | Dimming   | CRI     | Color Temp | Size        | Mounting      | Color/Finish | Options                   |
| VOLUME =           | 5A =          | S = Lumen        | 30 = 20, 25 | UNV =    | D = 0-10V | 8 = >80 | 35 = 3500K | 14 = 1x4 ft | U = Universal | WH = White   | Blank = no                |
| Volumetric Troffer | Generation 5A | Selectable       | or 30W      | 120-277V |           |         | 40 = 4000K | 22 = 2x2 ft | Mounting      |              | option                    |
|                    |               |                  | 34 = 25, 30 |          |           |         | 50 = 5000K | 24 = 2x4 ft |               |              | E = Emergency             |
|                    |               |                  | or 34W      |          |           |         |            |             |               |              | Battery Back-up           |
|                    |               |                  | 45 = 34, 38 |          |           |         |            |             |               |              | A2 = Lutron Vive Integral |
|                    |               |                  | or 45W      |          |           |         |            |             |               |              | Fixture Control (RF only) |
|                    |               |                  |             |          |           |         |            |             |               |              | A3 = Lutron Vive Integral |
|                    |               |                  |             |          |           |         |            |             |               |              | Fixture Control with      |
|                    |               |                  |             |          |           |         |            |             |               |              | Sensor                    |

## Ordering Information

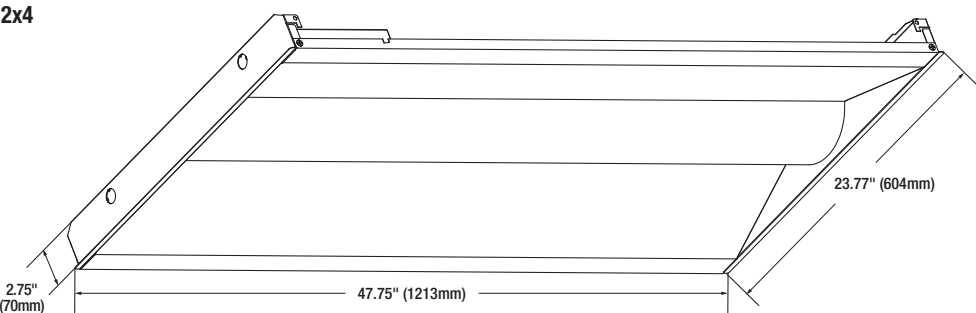
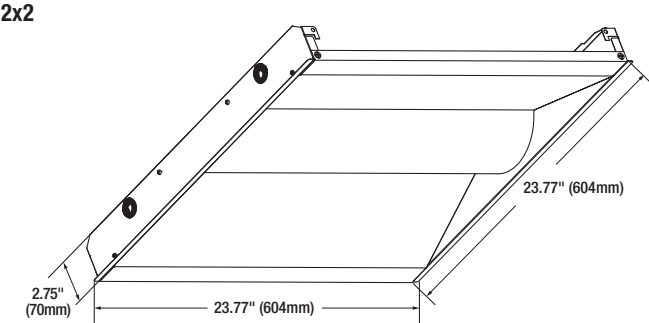
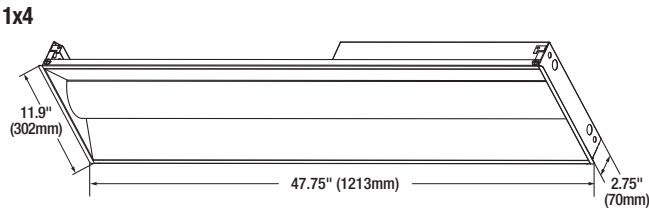
| Item Number | Ordering Abbreviation          | Wattage (W)  | Input Voltage (V) | Dimming | CRI | Color Temperature (CCT) | Total Fixture Lumens | LPW | DLC | Options                                          |
|-------------|--------------------------------|--------------|-------------------|---------|-----|-------------------------|----------------------|-----|-----|--------------------------------------------------|
| 61512       | VOLUME5AS/030UNVD835/22U/WH    | 20, 25 or 30 | 120-277           | 0-10V   | >80 | 3500K                   | 2500, 3125 or 3750   | 125 | Std | —                                                |
| 61513       | VOLUME5AS/030UNVD840/22U/WH    | 20, 25 or 30 | 120-277           | 0-10V   | >80 | 4000K                   | 2500, 3125 or 3750   | 125 | Std | —                                                |
| 61514       | VOLUME5AS/030UNVD850/22U/WH    | 20, 25 or 30 | 120-277           | 0-10V   | >80 | 5000K                   | 2500, 3125 or 3750   | 125 | Std | —                                                |
| 61515       | VOLUME5AS/034UNVD835/24U/WH    | 25, 30 or 34 | 120-277           | 0-10V   | >80 | 3500K                   | 3100, 3750 or 4250   | 125 | Std | —                                                |
| 61516       | VOLUME5AS/034UNVD840/24U/WH    | 25, 30 or 34 | 120-277           | 0-10V   | >80 | 4000K                   | 3100, 3750 or 4250   | 125 | Std | —                                                |
| 61517       | VOLUME5AS/034UNVD850/24U/WH    | 25, 30 or 34 | 120-277           | 0-10V   | >80 | 5000K                   | 3100, 3750 or 4250   | 125 | Std | —                                                |
| 61518       | VOLUME5AS/045UNVD835/24U/WH    | 34, 38 or 45 | 120-277           | 0-10V   | >80 | 3500K                   | 4250, 4750 or 5600   | 125 | Std | —                                                |
| 61519       | VOLUME5AS/045UNVD840/24U/WH    | 34, 38 or 45 | 120-277           | 0-10V   | >80 | 4000K                   | 4250, 4750 or 5600   | 125 | Std | —                                                |
| 61520       | VOLUME5AS/045UNVD850/24U/WH    | 34, 38 or 45 | 120-277           | 0-10V   | >80 | 5000K                   | 4250, 4750 or 5600   | 125 | Std | —                                                |
| 61521       | VOLUME5AS/030UNVD835/14U/WH    | 20, 25 or 30 | 120-277           | 0-10V   | >80 | 3500K                   | 2500, 3125 or 3750   | 125 | Std | —                                                |
| 61522       | VOLUME5AS/030UNVD840/14U/WH    | 20, 25 or 30 | 120-277           | 0-10V   | >80 | 4000K                   | 2500, 3125 or 3750   | 125 | Std | —                                                |
| 61523       | VOLUME5AS/030UNVD850/14U/WH    | 20, 25 or 30 | 120-277           | 0-10V   | >80 | 5000K                   | 2500, 3125 or 3750   | 125 | Std | —                                                |
| 61684       | VOLUME5AS/030UNVD835/22U/WH/E  | 20, 25 or 30 | 120-277           | 0-10V   | >80 | 3500K                   | 2500, 3125 or 3750   | 125 | Std | Emergency Battery Back-Up                        |
| 61685       | VOLUME5AS/030UNVD840/22U/WH/E  | 20, 25 or 30 | 120-277           | 0-10V   | >80 | 4000K                   | 2500, 3125 or 3750   | 125 | Std | Emergency Battery Back-Up                        |
| 61686       | VOLUME5AS/030UNVD850/22U/WH/E  | 20, 25 or 30 | 120-277           | 0-10V   | >80 | 5000K                   | 2500, 3125 or 3750   | 125 | Std | Emergency Battery Back-Up                        |
| 61687       | VOLUME5AS/034UNVD835/24U/WH/E  | 25, 30 or 34 | 120-277           | 0-10V   | >80 | 3500K                   | 3100, 3750 or 4250   | 125 | Std | Emergency Battery Back-Up                        |
| 61688       | VOLUME5AS/034UNVD840/24U/WH/E  | 25, 30 or 34 | 120-277           | 0-10V   | >80 | 4000K                   | 3100, 3750 or 4250   | 125 | Std | Emergency Battery Back-Up                        |
| 61689       | VOLUME5AS/034UNVD850/24U/WH/E  | 25, 30 or 34 | 120-277           | 0-10V   | >80 | 5000K                   | 3100, 3750 or 4250   | 125 | Std | Emergency Battery Back-Up                        |
| 61690       | VOLUME5AS/045UNVD835/24U/WH/E  | 34, 38 or 45 | 120-277           | 0-10V   | >80 | 3500K                   | 4250, 4750 or 5600   | 125 | Std | Emergency Battery Back-Up                        |
| 61691       | VOLUME5AS/045UNVD840/24U/WH/E  | 34, 38 or 45 | 120-277           | 0-10V   | >80 | 4000K                   | 4250, 4750 or 5600   | 125 | Std | Emergency Battery Back-Up                        |
| 61692       | VOLUME5AS/045UNVD850/24U/WH/E  | 34, 38 or 45 | 120-277           | 0-10V   | >80 | 5000K                   | 4250, 4750 or 5600   | 125 | Std | Emergency Battery Back-Up                        |
| 61693       | VOLUME5AS/030UNVD835/14U/WH/E  | 20, 25 or 30 | 120-277           | 0-10V   | >80 | 3500K                   | 2500, 3125 or 3750   | 125 | Std | Emergency Battery Back-Up                        |
| 61694       | VOLUME5AS/030UNVD840/14U/WH/E  | 20, 25 or 30 | 120-277           | 0-10V   | >80 | 4000K                   | 2500, 3125 or 3750   | 125 | Std | Emergency Battery Back-Up                        |
| 61695       | VOLUME5AS/030UNVD850/14U/WH/E  | 20, 25 or 30 | 120-277           | 0-10V   | >80 | 5000K                   | 2500, 3125 or 3750   | 125 | Std | Emergency Battery Back-Up                        |
| 62911       | VOLUME5AS030UNVD84014UWHA2     | 20, 25 or 30 | 120-277           | 0-10V   | >80 | 4000K                   | 2500, 3125 or 3750   | 125 | Std | Lutron Vive Integral Fixture Control (RF only)   |
| 62912       | VOLUME5AS030UNVD84022UWHA2     | 20, 25 or 30 | 120-277           | 0-10V   | >80 | 4000K                   | 2500, 3125 or 3750   | 125 | Std | Lutron Vive Integral Fixture Control (RF only)   |
| 62913       | VOLUME5AS034UNVD84024UWHA2     | 25, 30 or 34 | 120-277           | 0-10V   | >80 | 4000K                   | 3100, 3750 or 4250   | 125 | Std | Lutron Vive Integral Fixture Control (RF only)   |
| 62105       | VOLUME5AS/030UNVD835/14U/WH/A3 | 20, 25 or 30 | 120-277           | 0-10V   | >80 | 3500K                   | 2500, 3125 or 4750   | 125 | Std | Lutron Vive Integral Fixture Control with Sensor |
| 62106       | VOLUME5AS/030UNVD835/22U/WH/A3 | 20, 25 or 30 | 120-277           | 0-10V   | >80 | 3500K                   | 2500, 3125 or 3750   | 125 | Std | Lutron Vive Integral Fixture Control with Sensor |
| 62104       | VOLUME5AS/034UNVD835/24U/WH/A3 | 25, 30 or 34 | 120-277           | 0-10V   | >80 | 3500K                   | 3100, 3750 or 4250   | 125 | Std | Lutron Vive Integral Fixture Control with Sensor |
| 62887       | VOLUME5AS034UNVD84024UWHA3     | 25, 30 or 34 | 120-277           | 0-10V   | >80 | 4000K                   | 3100, 3750 or 4250   | 125 | Std | Lutron Vive Integral Fixture Control with sensor |

## Photometric Data

|              |                              | 8 ft Mounting Height        |          |          | 10 ft Mounting Height |          |          | 12 ft Mounting Height |          |          |
|--------------|------------------------------|-----------------------------|----------|----------|-----------------------|----------|----------|-----------------------|----------|----------|
|              |                              | On Center Luminaire Spacing |          |          |                       |          |          |                       |          |          |
|              |                              | 8'x10'                      | 10'x10'  | 10'x12'  | 8'x10'                | 10'x10'  | 10'x12'  | 8'x10'                | 10'x10'  | 10'x12'  |
| 1'x4'<br>30W | VOLUME5A/030UNVD835/14G/WH   | 47.6/1.5                    | 40.0/1.3 | 35.7/1.5 | 46.4/1.6              | 39.2/1.4 | 34.5/1.3 | 44.3/1.7              | 37.8/1.5 | 33.1/1.3 |
|              | VOLUME5A/030UNVD840/14G/WH   |                             |          |          |                       |          |          |                       |          |          |
|              | VOLUME5A/030UNVD850/14G/WH   |                             |          |          |                       |          |          |                       |          |          |
|              | VOLUME5A/030UNVD835/14G/WH/E |                             |          |          |                       |          |          |                       |          |          |
|              | VOLUME5A/030UNVD840/14G/WH/E |                             |          |          |                       |          |          |                       |          |          |
|              | VOLUME5A/030UNVD850/14G/WH/E |                             |          |          |                       |          |          |                       |          |          |
| 2'x2'<br>30W | VOLUME5A/030UNVD835/22G/WH   | 43.4/1.5                    | 36.6/1.3 | 32.5/1.5 | 42.3/1.5              | 35.7/1.4 | 31.4/1.3 | 40.3/1.6              | 34.3/1.5 | 30.0/1.3 |
|              | VOLUME5A/030UNVD840/22G/WH   |                             |          |          |                       |          |          |                       |          |          |
|              | VOLUME5A/030UNVD850/22G/WH   |                             |          |          |                       |          |          |                       |          |          |
|              | VOLUME5A/030UNVD835/22G/WH/E |                             |          |          |                       |          |          |                       |          |          |
|              | VOLUME5A/030UNVD840/22G/WH/E |                             |          |          |                       |          |          |                       |          |          |
|              | VOLUME5A/030UNVD850/22G/WH/E |                             |          |          |                       |          |          |                       |          |          |
| 2'x4'<br>34W | VOLUME5A/034UNVD835/24G/WH   | 51.3/1.5                    | 43.3/1.3 | 38.4/1.5 | 50.1/1.5              | 42.1/1.4 | 37.1/1.3 | 47.5/1.6              | 40.5/1.5 | 35.4/1.3 |
|              | VOLUME5A/034UNVD840/24G/WH   |                             |          |          |                       |          |          |                       |          |          |
|              | VOLUME5A/034UNVD850/24G/WH   |                             |          |          |                       |          |          |                       |          |          |
|              | VOLUME5A/034UNVD835/24G/WH/E |                             |          |          |                       |          |          |                       |          |          |
|              | VOLUME5A/034UNVD840/24G/WH/E |                             |          |          |                       |          |          |                       |          |          |
|              | VOLUME5A/034UNVD850/24G/WH/E |                             |          |          |                       |          |          |                       |          |          |
| 2'x4'<br>45W | VOLUME5A/045UNVD835/24G/WH   | 70.7/1.4                    | 59.2/1.3 | 53.1/1.6 | 68.8/1.5              | 58.1/1.4 | 51.0/1.3 | 65.4/1.6              | 55.7/1.5 | 48.8/1.3 |
|              | VOLUME5A/045UNVD840/24G/WH   |                             |          |          |                       |          |          |                       |          |          |
|              | VOLUME5A/045UNVD850/24G/WH   |                             |          |          |                       |          |          |                       |          |          |
|              | VOLUME5A/045UNVD835/24G/WH/E |                             |          |          |                       |          |          |                       |          |          |
|              | VOLUME5A/045UNVD840/24G/WH/E |                             |          |          |                       |          |          |                       |          |          |
|              | VOLUME5A/045UNVD850/24G/WH/E |                             |          |          |                       |          |          |                       |          |          |

Physical Information

| Luminaire Description | Length          | Width          | Height       |
|-----------------------|-----------------|----------------|--------------|
| 1x4                   | 47.75" (1213mm) | 11.9" (302mm)  | 2.75" (70mm) |
| 2x2                   | 23.77" (604mm)  | 23.77" (604mm) | 2.75" (70mm) |
| 2x4                   | 47.75" (1213mm) | 23.77" (604mm) | 2.75" (70mm) |



Accessories

| Item Number | Ordering Abbreviation | Item Description             |
|-------------|-----------------------|------------------------------|
| 60457       | FK1A/14G/WH           | 1x4 Flange Kit, White Finish |
| 60458       | FK1A/22G/WH           | 2x2 Flange Kit, White Finish |
| 60459       | FK1A/24G/WH           | 2x4 Flange Kit, White Finish |

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Name:

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