

LED SMART VOLUMETRIC TROFFER



The LED Smart Volumetric Troffer brings a new level of control and convenience to interior commercial applications.

Equipped with an on-board sensor that supports both motion sensing and daylight harvesting, this luminaire is the ultimate energy reduction tool. And while this functionality comes standard out of the box, it can be fully customized with just a few taps to your mobile device. With our new mobile app, LiteSmart, fixtures in a space can be grouped to function as one; they can be turned on/off, dimmed, or programmed based on your schedule. Occupancy sensing and daylight harvesting can be enabled to light a space only when it's truly needed. Settings can be adjusted and pushed live in seconds. Custom scenes can also be created based on specific needs, such as presentations.

Delivering up to 125 lumens per watt (LPW) over the course of its 100,000-hour rated life, this LED fixture guarantees long-term energy savings over traditional fluorescent bulbs and ballasts, making it perfect for retrofitting an existing space or installing in a new construction project. Furthermore, this LED Troffer is backed by an industry-leading 10-year warranty, guaranteeing peace of mind for the life of your fixture.

KEY FEATURES

- Wireless control via mobile app or bluetooth wall switch (optional)
- Daylight harvesting
- Occupancy sensing
- 0-10V Dimming
- Up to 125 LPW
- Available in 2'x2' or 2'x4'
- 10-year warranty
- 100,000-hour rated life
- Suitable for damp locations
- Flicker free

MARKETS

- Schools and universities
- Offices and municipal buildings
- Healthcare facilities and hospitals

APPLICATIONS

- Drop/grid ceilings



SPECIFICATIONS

Average rated life: 100,000 hours
Warranty: 10 years
Operating temperature: -4°F to 113°F
Surge protection: ANSI C82.77 compliant
Input voltage: 120-277V
Input frequency: 50/60Hz
Power factor: ≥0.95
CRI: 80

Rated lumen depreciation: L70 @ 100,000 hours
Standard dimming: 0-10V
Location rating: Damp
ETL listed: Yes
RoHS compliant: Yes
DLC rating: Premium
Sensor type: PIR (passive infrared)

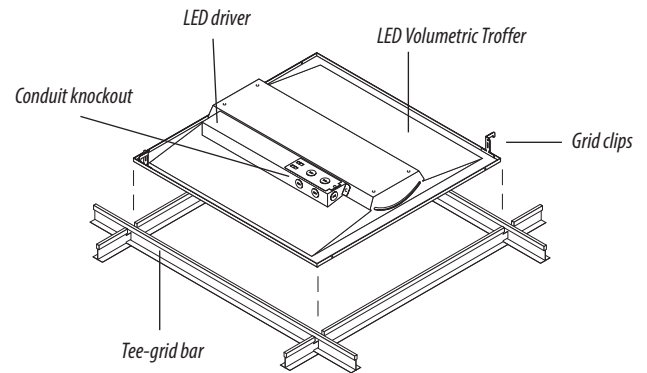
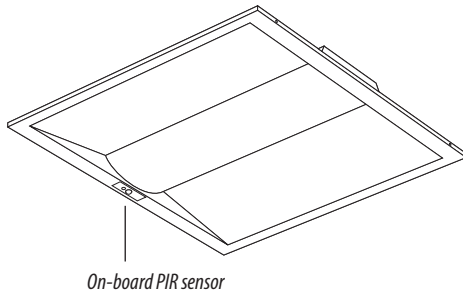
MOUNTING

Standard: T-bar grid (drop ceilings)
Wiring access: 1/2" trade size knockouts

ACCESSORIES

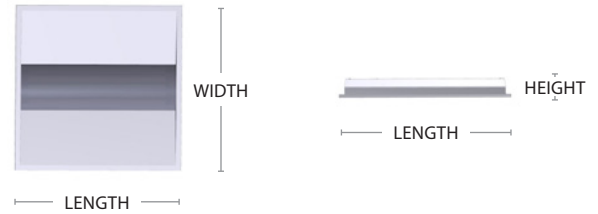
Bluetooth Control Switch: Used to control lighting functions such as on/off, dimming, daylight harvesting and scene selection

PRODUCT OVERVIEW



DIMENSIONS

SIZE	LENGTH	WIDTH	HEIGHT
2' x 2'	23.75"	23.75"	2.8"
2' x 4'	47.75"	23.75"	2.8"



ORDERING INFORMATION

2' X 2'

WATTAGE	DESCRIPTION	ORDERING CODE	CCT (K)	LUMINAIRE LUMENS
30	2X2 LED SMART VOLUMETRIC TROFFER - 30W MAX 3500K	VLT235N	3500	3750
30	2X2 LED SMART VOLUMETRIC TROFFER - 30W MAX 4000K	VLT240N	4000	3750
30	2X2 LED SMART VOLUMETRIC TROFFER - 30W MAX 5000K	VLT250N	5000	3750

2' X 4'

WATTAGE	DESCRIPTION	ORDERING CODE	CCT (K)	LUMINAIRE LUMENS
50	2X4 LED SMART VOLUMETRIC TROFFER - 50W MAX 3500K	VLT435N	3500	6250
50	2X4 LED SMART VOLUMETRIC TROFFER - 50W MAX 4000K	VLT440N	4000	6250
50	2X4 LED SMART VOLUMETRIC TROFFER - 50W MAX 5000K	VLT450N	5000	6250

1' x 4' model coming soon - Fall of 2019

BLUETOOTH CONTROL SWITCH

ORDERING CODE	DESCRIPTION	USAGE
BCS01	Bluetooth control switch for the LED Smart Volumetric Troffer	Used to control functionality of the fixture; on/off, dimming, daylight harvesting and scene selection.



WIRELESS CONTROL

The LED Smart Volumetric Troffer uses bluetooth technology for a completely wireless connection to your smart phone or remote wall switch.



Set up and manage your space with LiteSmart.

Use the remote switch for everyday control.



LITESMART
by Litetronics

LiteSmart is a mobile app that enables total management of lighting systems at the touch of your fingers. Within the app, all LED Smart Volumetric Troffer functionality can be set up and controlled; on/off, dimming, grouping, scene creation and time scheduling. Adjustments can also be made to the occupancy sensor and daylight harvesting settings, then implemented across an entire group in seconds.

BENEFITS

- Total control over your lighting system
- Quick and easy changes that can be implemented in seconds across a group of fixtures
- Further energy reduction via occupancy sensing, daylight harvesting and max wattage control
- Ability to create custom scenes based on specific needs, such as presentations
- Time scheduling that sets hours of operation per day

A supplemental app, **LiteBright**, enables additional energy management functionality with the ability to set the max wattage of your fixtures.

NETWORK CAPABILITIES

- Unlimited admins and guests can be added to each network
- Each network supports up to 100 fixtures
- Individual fixtures can belong to up to 32 groups
- Up to 127 scenes can be created from one network
- Up to 10 switches can be created from one network



WIRELESS SWITCH
Part # BCS01

The bluetooth control switch comes in handy for the daily occupants of a space. This switch, which can be wall mounted, enables quick adjustments to be made to a specific group of fixtures. Features include on/off, dimming, daylight harvesting and scene selection. The switch must be set up through the LiteSmart mobile app, but can then function on it's own within any space.

BENEFITS

- Control over key functions for a specific group of lights
- Adjustments are quick and easy, and create an optimized space for a variety of needs
- Further reduce energy via daylight harvesting function, or disable daylight harvesting for full brightness
- Ability to choose between custom scenes based on specific needs within the space

SWITCH CAPABILITIES

- Enable/disable auto daylight harvesting
- Brighten/dim a group or turn on/off the entire group of fixtures
- Program up to 3 scenes per switch