



CONTRACTOR:	
PROJECT:	DATE:
PREPARED BY:	MODEL#:

**DESCRIPTION**



**CTVLED series**

**2'x4' Color Selectable LED Volumetric Troffer**

The CTVLED series volumetric direct/indirect with center light channel provide quality light with modern styling and high visual comfort.



**SERIES SPECIFICATION**

**Intended Use**

The modern design and performance make it ideal for use in airport, retail, education and commercial office buildings where low glare, high quality and clean lines are required.

**Construction**

The body is constructed of durable steel.

**Optics**

Specialized low profile drop basket diffuser covers provide smooth even light.

**Electrical**

70% lumen maintenance at 50,000hrs.. Long-life LEDs, coupled with high-efficiency drivers, provide extended service life. Driver disconnect is provided to comply with U.S. and Canadian codes. Thermally protected driver standard."

**Dimming**

LED drivers deliver dimming from a 0-10V control signal. Dims to 10% standard.

**Installation**

Not intended for continuous row mounting. Luminaire shall be recessed mounted into a ceiling. Surface or suspension mounting is not permitted. NEMA Type G, with integral EQ/Grid clips and four corner tie points.

**Listings**

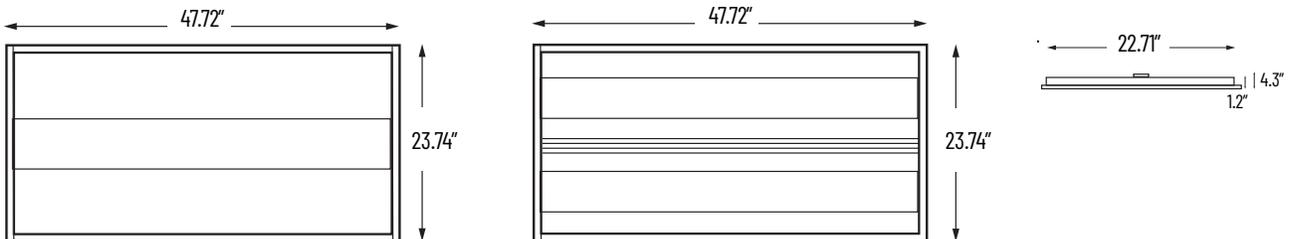
UL listed to US and Canadian safety standards. Damp location listed. For use in ambient operating temperatures ranging from -20°C to 40°C.

**Warranty**

5-year limited warranty.

NOTE: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

**LINE DRAWING**





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## ORDERING INFORMATION

EXAMPLE: CTVLED24-50V1CS

SERIES	SIZE	LUMENS	NO. OF CHANNELS	COLOR TEMP
CTVLED	[ 24 ] : 2' x 4'	[ -50 ] : 5000 Lumens	[ V1 ] : Single Channel [ V2 ] : Double Channel	[ CS ] : 3500/4000/5000K

## PERFORMANCE SPECIFICATIONS

SERIES	WATTAGE	LUMENS	LPW
CTVLED24-50	49.64	5250	114.7

GENERAL DRIVER INFORMATION	
Type	Constant Current, Class 2
ELECTRICAL SPECIFICATIONS	
50W	
Input	
Input Voltage (VAC)	120V-277V (+/- 10%)
Frequency Range (Hz)	50-60 Hz (+/- 10%)
Input Current Max (A) Per Driver	0.52
THD @ Full Load	<15%
Efficiency @ Full Load	>85%
Inrush Current	120VAC @ 25 DEG C: <35Amp peak
Power Factor @ Full Load	0.9
Output	
Output Voltage (VDC)	50VDC Max
Output Current (mA) Per Driver	950- 1050mA
Output Ripple Current	<10% (Ipk-pk/2/Imean)
Max. Output power (W) Per Driver	50W
Dimming Control 0-10v	10%
LED Power Up Time	<1sec
Load Regulation	<1.5%
Line Regulation	<1.5%
Over Voltage Protection	Yes
Output Short-Circuit Protection	Yes

ENVIRONMENTAL	50W
Ambient Range	-20°C to 40°C
Max. Storage Temp.	80°C
Max. Relative Humidity	85% non-condensing
EMI Compliance	FCC Part 15 Class B
Sound Rating	Class B