



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

DESCRIPTION



CTVLED series

2'x2' 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

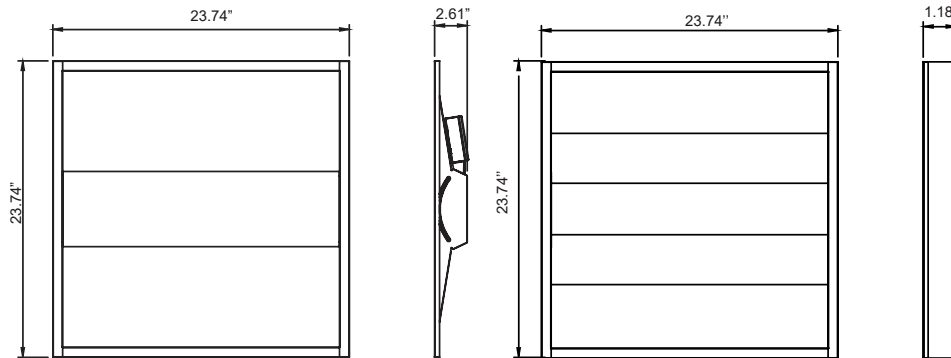
UL listed to US and Canadian safety standards. Damp location listed. For use in ambient operating temperatures ranging from -20°C to 40°C.

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: CTVLED22-40V1CS

SERIES	SIZE	LUMENS	NO. OF CHANNELS	COLOR TEMP
CTVLED	[22] : 2' x 2'	[-40] : 4000 Lumens	[V1] : Single Channel	[CS] : 3500/4000/5000K
			[V2] : Double Channel	

PERFORMANCE SPECIFICATIONS

SERIES	WATTAGE	LUMENS	LPW
CTVLED22-40	40.74	4307	105.72

GENERAL DRIVER INFORMATION	
Type	Constant Current, Class 2
ELECTRICAL SPECIFICATIONS	
40W	
Input	
Input Voltage (VAC)	120V-277V (+/- 10%)
Frequency Range (Hz)	50-60 Hz (+/- 10%)
Input Current Max (A) Per Driver	0.55
THD @ Full Load	<20%
Efficiency @ Full Load	86%
Inrush Current	<30Amp peak
Power Factor @ Full Load	>0.9
Output	
Output Voltage (VDC)	30-42VDC Max
Output Current (mA) Per Driver	450- 950mA
Output Ripple Current	<4V
Max. Output power (W) Per Driver	42
Dimming Control 0-10v	10%
LED Power Up Time	<1sec
Output Short-Circuit Protection	Yes
Line Regulation	±5%
No Load Protection	Max. output voltage (no-load voltage) 55V
Output Short-Circuit Protection	Hiccup mode (auto-recovery)

ENVIRONMENTAL	40W
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