

## FEATURES & SPECIFICATIONS

**INTENDED USE** — The VT Series LED Volumetric Surface Mount combines the aesthetics and high performance with intelligent LED engines for applications - offices, schools, retail locations and hospitals. High-efficacy light engine delivers long life and excellent color, ensuring a superior quality lighting installation that is highly efficient and sustainable. Featured nLight controls system provides design flexibility and ease of installation and optimum energy savings.

**CONSTRUCTION** — Rugged, one-piece cold-rolled steel coated polyester, painted after fabrication with embossed facets. Impact-modified, single clear acrylic diffuser provides excellent shielding and wide distribution. Smooth hemmed side and smooth inward-formed end flanges, for easy handling. Total fixture height is only 4-3/4".

**OPTICS** — Volumetric illumination is achieved by creating an optimal mix of light to walls, partitions, vertical and horizontal work surfaces — rendering the interior space, objects and occupants in a more balanced, complementary luminous environment. Linear faceted reflector cavity softens and distributes light into the space while minimizing luminous contrast between the fixture and ceiling. Sloped end plates provide a smooth, luminous transition between fixture and ceiling while enhancing the perception of fixture depth. eldoLED driver options deliver choice of dimming range, and choices for control, while assuring flicker-free, low-current inrush, 89% efficiency and low EMI.

**ELECTRICAL** — Long-life LEDs, coupled with high-efficiency drivers, provide superior quantity and quality of illumination for extended service life. 90% LED lumen maintenance at 60,000 hours (L90/60,000).

Lumen Management: Unique lumen management system (option N80) provides onboard intelligence that actively manages the LED light source so that constant lumen output is maintained over the system life, preventing the energy waste created by the traditional practice of over-lighting.

Step-level dimming option allows system to be switched to 50% power for compliance with common energy codes while maintaining fixture appearance.

eldoLED drivers EZ1 and EZB deliver full-range dimming from 0-10V control signal.

Driver disconnect provided where required to comply with US and Canadian codes.

**INSTALLATION** — Surface mount. Suitable for damp location.

**LISTINGS** — CSA Certified to meet U.S. and Canadian standards.

DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org/QPL](http://www.designlights.org/QPL) to confirm which versions are qualified.

**WARRANTY** — 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at:

[www.acuitybrands.com/support/warranty/terms-and-conditions](http://www.acuitybrands.com/support/warranty/terms-and-conditions)

**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.

Catalog Number
Notes
Type

VT Series LED

# 2VTLX

2' x 2'  
LED



eldoLED

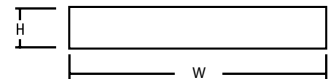


### Specifications

Length: 24-3/4 (62.9)

Width: 24-3/4 (62.9)

Height: 4-3/4 (12.1)



All dimensions are in inches (centimeters) unless otherwise indicated.

### INDUSTRY RECOGNITION/AWARDS



### A+ Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is part of an A+ Certified solution for nLight® control networks when ordered with drivers marked by a shaded background\*
- This luminaire is part of an A+ Certified solution for nLight control networks, providing advanced control functionality at the luminaire level, when selection includes driver and control options marked by a shaded background\*

To learn more about A+, visit [www.acuitybrands.com/aplus](http://www.acuitybrands.com/aplus).

\*See ordering tree for details

# 2VTLX Volumetric Surface Lighting 2'x2'



A+ Capable options indicated by this color background.

## ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

**Example:** 2VTLX2 33L ADP EZ1 LP835

2VTLX2		Lumens		ADP		Voltage		Driver		Color temperature		Controls		Options				
Series																		
2VTLX2 Volumetric LED	20L	2000 <sup>1</sup>	ADP Acrylic linear prismatic	(blank) MVOLT 347 347 <sup>2</sup>	EZ1 eldoLED Dims to 1%	LP830 82 CRI, 3000 K	(blank) No controls	BDP Disconnect Plug										
	33L	3300 <sup>1</sup>														EZB eldoLED Dims to Black	LP835 82 CRI, 3500 K,	N80 nlight with 80% lumen management. <sup>5</sup>
	40L	4000 <sup>1</sup>																
			GZ10 Dims to 10% (0-10V dimming) <sup>3</sup>													LP850 82 CRI, 5000 K	N100 nlight without lumen management. <sup>5</sup>	
																		EDB eldoLED DALI <sup>4</sup>
			EXB eldoLED DMX/RDM <sup>4</sup>													LP935 90 CRI, 3500 K		
																		SLD Step-level dimming <sup>4</sup>
			LP950 90 CRI, 5000 K															

### Accessories: Order as separate catalog number.

RK8BDP 2P U	Disconnect Plug (BDP), 2 Pole, Package of 1
RK8BDP 3P U	Disconnect Plug (BDP), 3 Pole, Package of 1
RK8BDP 2P J10	Disconnect Plug (BDP), 2 Pole, Package of 10
RK8BDP 2P J40	Disconnect Plug (BDP), 2 Pole, Package of 40

### Notes

- 1 Approximate lumen output.
- 2 Consult factory for availability. Not available with SLD driver.
- 3 GZ1, GZ10 drivers not available with any Controls options.
- 4 Not available with N80, N80EMG, N100, N100EMG.
- 5 Consider CAT5 access when specifying.

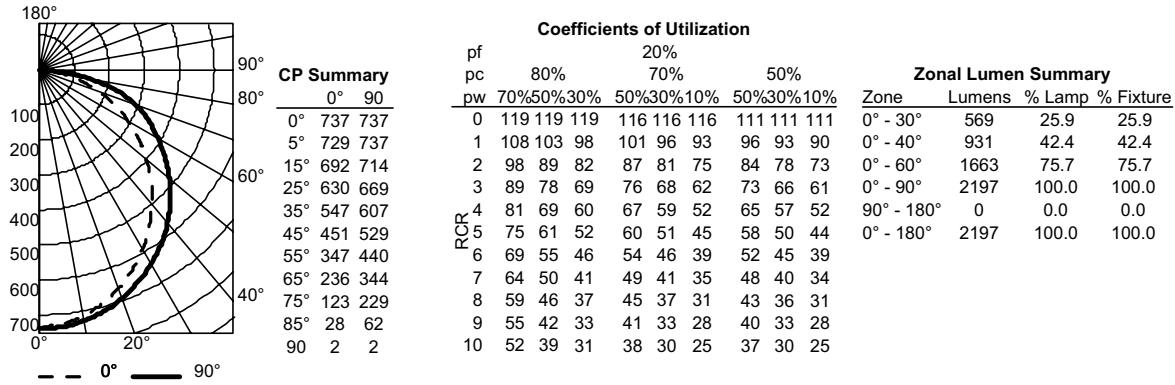
### Performance Data

Lumen Package	Lumens	Input watts	LPW
20L	2000 - 2400	20	100 - 117
33L	3350 - 3900	34.5	98 - 113
40L	3900 - 4550	41.5	95 - 109

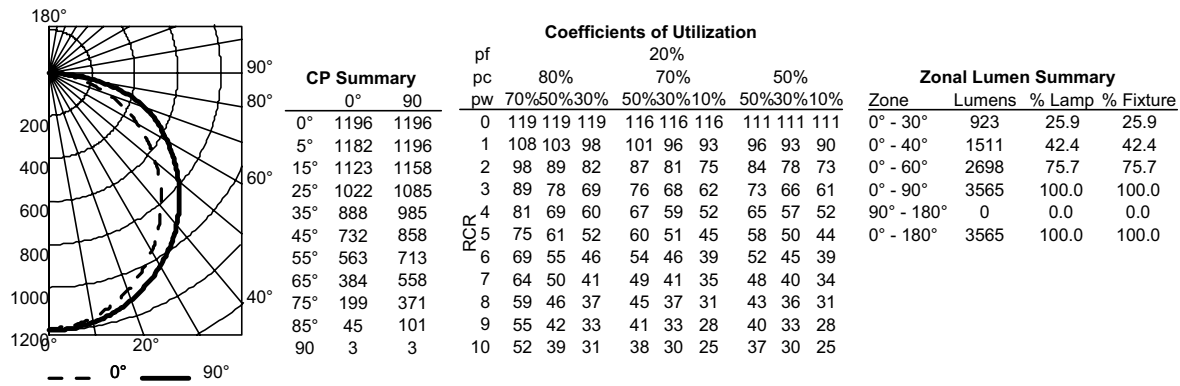
# 2VTLX Volumetric Surface Lighting 2'x2'

## PHOTOMETRICS

2VTLX2 20L LP835, 2,196 delivered lumens, test no. LTL24790P12, tested in accordance to IESNA LM-79.

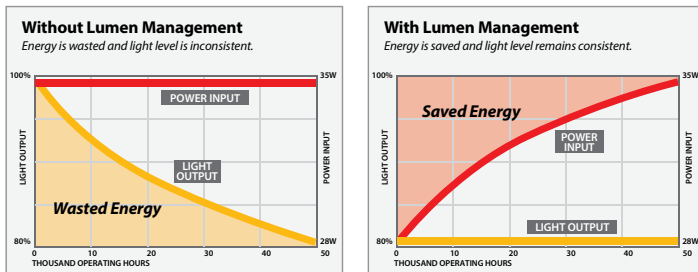


2VTLX2 33L LP835, 3,564 delivered lumens, test no. LTL24790P16, tested in accordance to IESNA LM-79.



## Constant Lumen Management

Enabled by the embedded nLight control, the VTLX actively tracks its run-time and manages its light source such that constant lumen output is maintained over the system life. Referred to as lumen management, this feature eliminates the energy waste created by the traditional practice of over-lighting.



### Notes

- 1 With nlight 80% lumen management input watts start at 28 and gradually increasing to 35 at 50,000 hrs when using 33L system.

## MOUNTING DATA

