

# CV1S perimeter surface

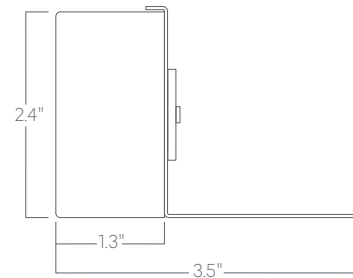


Our Perimeter Surface luminaires wall mount near ceilings at the edges of spaces, providing subtle indirect illumination.

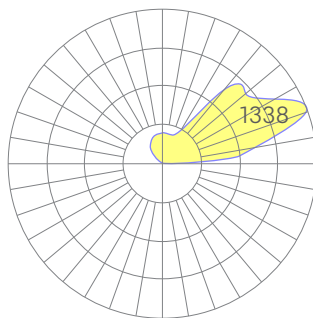
## Features

- Aluminum core LED boards, specifiable optics
- Specifiable color temperature. CRI > 90, R9 >50
- Custom finishes available
- Integral, specifiable dimmable drivers or PoE
- 5 Year, 50,000 hour warranty, damp location rated
- WELL Building Standard compatible [learn more](#)

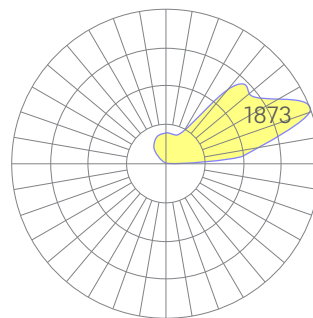
## Dimensions



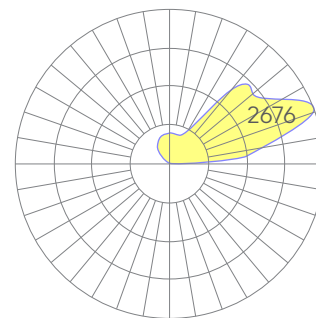
## Optics



low



medium



high

Representative distribution and peak candela. For other options see order information or IES files [here](#).

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## Ordering Information



Example: CV1S - 8 - 35 - MED - UNV - DB - W - WM - SD - CCS - DAYCKT - NA

<b>Fixture ID</b> <input type="text" value="1"/>	<b>Length</b> <input type="text" value="2"/>	<b>Color Temperature</b> <input type="text" value="3"/>	<b>Output</b> <input type="text" value="4"/>
CV1S	<b>2</b> 2 ft <b>4</b> 4 ft <b>8</b> 8 ft	<b>27</b> 2700K/90 CRI <b>30</b> 3000K/90 CRI <b>35</b> 3500K/90 CRI <b>40</b> 4000K/90 CRI <b>50</b> 5000K/90 CRI  <b>WD<sup>1</sup></b> Warm Dim 2200K-3000K <b>TW<sup>2</sup></b> Tunable White 2700K-6500K <b>RGBW30<sup>3</sup></b> RGB +white, 3000k <b>RGBW35<sup>3</sup></b> RGB +white, 3500k <b>RGBW40<sup>3</sup></b> RGB +white, 4000k  <small><sup>1</sup>Must use WD10 driver.  <sup>2</sup>Must use TW10 or PSQ driver.  <sup>3</sup>Must use remote DMX driver. "High" output not available.</small>	<b>LOW</b> Low output <b>MED</b> Medium output <b>HIGH</b> High output <b>CUST</b> Custom output <sup>1</sup>
<b>Voltage</b> <input type="text" value="5"/>	<b>Driver</b> <input type="text" value="6"/>	<b>Finish</b> <input type="text" value="7"/>	<b>Mounting</b> <input type="text" value="8"/>
<b>UNV</b> Universal (120/277V) <b>347V<sup>1</sup></b> 347V	<b>DB</b> Standard 0-10V 1% <b>DB.1%</b> 0-10V 0.1% <b>ELV<sup>2</sup></b> Reverse Phase 1% (120V only) <b>TRI<sup>2</sup></b> Forward phase (120V only) <b>LDE1</b> Lutron Digital EcoSystem <b>DALI</b> DALI-2 Driver <b>PoE</b> Power over ethernet. <b>TW10</b> Dual channel, 0-10V for tunable white. <b>WD10</b> 0-10V Warm Dim <b>PSQ</b> Lutron T-Series 2-channel 1% for tunable white <b>DMX<sup>1</sup></b> DMX512  <small><sup>1</sup>Set to default address 001. RDM capable. Contact us for other addressing needs.  <sup>2</sup>For compatible dimmers, click <a href="#">here</a>.</small>	<b>W</b> White <b>BLK</b> Black <b>CC<sup>1</sup></b> Custom Color	<b>WM</b> Wall Mount
<small><sup>1</sup>Must use DB Driver</small>		<small><sup>1</sup>Custom Color. See finish options <a href="#">here</a>.</small>	
<b>Optics</b> <input type="text" value="9"/>	<b>Sensors/Controls</b> <input type="text" value="10"/>	<b>Circuit</b> <input type="text" value="11"/>	<b>Options</b> <input type="text" value="12"/>
<b>SD</b> Standard Diffuser	<b>NA</b> None <b>ACM</b> Acuity nLight Module Only <b>CCS</b> Casambi Module <b>AWNRR</b> Lutron Athena Wireless Node Module  <small>Consult factory for other options.</small>	<b>NA</b> None <b>EMPCK</b> Emergency Battery Pack <b>EMCKT</b> Emergency Circuit <b>DAYCKT</b> Daylight Circuit	<b>NA</b> None

## Performance

Output <sup>1</sup>	Watts/ft	Lumens/ft
Low	5	552
Medium	7	773
High	10	1104

<sup>1</sup>Based on a typically configured 90 CRI, 3500K luminaire using one driver.

Custom outputs available. Please consult factory.  
For 4000K multiply by 105; for 3000K 0.9%; for 2700K, 0.9%.

## Technical Information



click [here](#) or scan QR code

Wiring diagrams, PoE and sensor details

Modification date: November, 2022

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## Drivers and Electrical

Integral drivers\* with 0-10V Dimming standard. Several other driver options available; see ordering information.

\*DMX drivers are provided in remote enclosures.

## Controls

Control modules may be mounted within luminaires or remotely.

## Emergency Back-Up

For fixtures three-feet or longer, a 4W integral emergency driver may be wired to 4ft sections. 7W, 10W, and 12W drivers are also available (not all integral; consult factory). Emergency circuits for use with building generators are also available.

## Finishes

All luminaires are finished in high quality polyester powder coating. Our standard color is white. Any RAL color may be specified.

## Weight

2 lbs per foot

## Mounting Options

## Optics

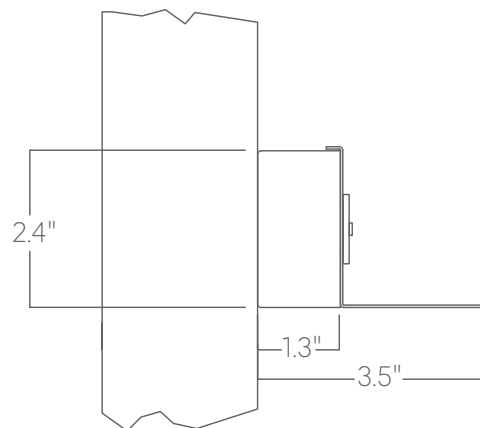
Extruded satin acrylic lenses provide excellent diffusion, high transmission, and no LED imaging.

## Construction

Cold-rolled steel.

## POE (Power over Ethernet)

Compatible with virtually all PoE systems including Molex Coresync, Igor, Smartengine, Platformatics, and NuLED SPICEbox. Consult Factory for systems not listed, See [here](#) for more info.



**Wall mount**