



# VECTOR 2 RECESSED

## Recessed Hard Ceiling

### Description

The Vector 2 is a 2<sup>7</sup>/<sub>16</sub>" wide linear architectural luminaire. While the Vector has a slim and discreet profile, it provides excellent illumination for offices, laboratories, libraries, and commercial spaces. Vector is available in standard lengths of 2', 3', 4', 6', and 8', and can be joined together in seamless runs of any length in 1 foot increments.

### Features

#### PERFORMANCE

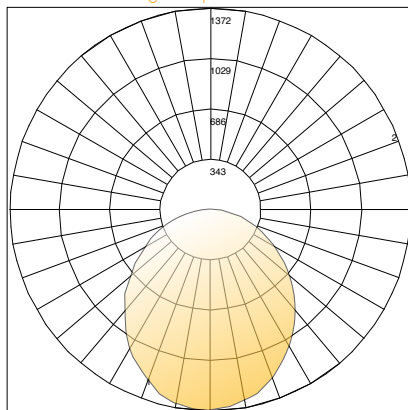
- Up to 900 lm/ft direct on the highest setting
- CCT: 2700K, 3000K, 3500K, 4000K, 5 Channel Color
- Tuning
- CRI: 95 min with R9 of 69 or better
- Certifications: ETL approved for dry and damp locations

#### PHYSICAL

- Profile Dimensions: 2.94" wide x 4.6" high
- End caps: Die-cast aluminum with powder coat finish
- Housing: Extruded Aluminum with powder coat finish
- Direct Lens: Extruded Satin Acrylic
- Light Engine: Aluminum core LED board mounted to a white extruded chassis with integral driver and quick electrical disconnects for rapid tool-less servicing
- Weight: 30 pounds (8ft luminaire)

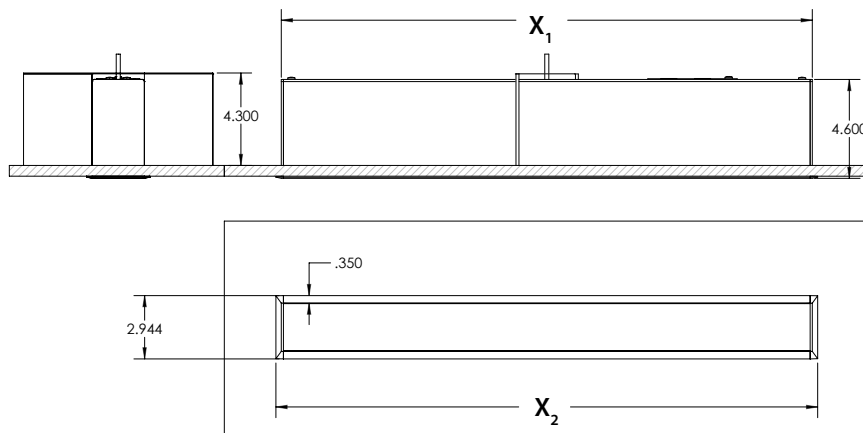
### Photometrics

ISO-CURVE - 4' High Output 4000K



Delivered Lumens: 3536  
CRI: 97

### Dimensions



|                | 2     | 3     | 4     | 6     | 8     |
|----------------|-------|-------|-------|-------|-------|
| X <sub>1</sub> | 24.2" | 36.2" | 48.2" | 72.2" | 96.2" |
| X <sub>2</sub> | 24.7" | 36.7" | 48.7" | 72.7" | 96.7" |

10 Yr

Warranty  
Including Labor

USA

Buy American  
Act Compliant

ETL

Listed

## Ordering Information

Example: (V2R-S36-H-27-U-W-E)

| FIXTURE SERIES |                             | V2R     | CCT DOWN               |             | OPTIONS  |  |
|----------------|-----------------------------|---------|------------------------|-------------|--|--|
| V2R            | Vector 2 Recessed Hard Wall |         | 27                     | 2700K       | E  | Emergency  |
| LENGTH         |                             |         | 30                     | 3000K       | T  | Daylight Sensor  |
|                |                             |         | 35                     | 3500K       | U  | Occupancy Sensor   |
|                |                             |         | 40                     | 4000K       | V  | Daylight/Occupancy Sensor  |
|                |                             | 5W      | 5 Channel Color Tuning | VW0         | Lutron Vive System Enabled Fixture(External RF only) Standard 0-10V X% Driver              |  |
|                |                             | VOLTAGE |                        | VWS0        | Lutron Vive Wireless Fixture (External RF w/Occ & Daylight Sensor) Standard DALI X% Driver |  |
| 2              | 2'                          |         | U                      | 120/277V    |  |  |
| 3              | 3'                          |         | FINISH                 |             | VWD  | Lutron Vive System Enabled Fixture (Integral RF only) Standard DALI X% Driver              |
| 4              | 4'                          |         | W                      | Matte White | VWSD   | Lutron Vive Wireless Fixture (Integral RF w/Occ & Daylight Sensor) Standard DALI X% Driver |
| 6              | 6'                          |         | S                      | Silver      | ES1  | Lutron LDE1 Series EcoSystem 1% Dimming with Soft On Fade to Black                         |
| 8              | 8'                          |         | CU                     | Custom      | ES5  | Lutron LDE5 Series EcoSystem 5% Dimming  |
| Sxxx           | System <sup>1</sup>         |         |                        |             |  |  |
| OUTPUT DOWN    |                             |         |                        |             |  |  |
| L              | 7.5W/ft                     |         |                        |             |  |  |
| M              | 10W/ft                      |         |                        |             |  |  |
| H              | 15W/ft                      |         |                        |             |  |  |

<sup>1</sup>Replace “xxx” with desired system length, in feet. See Continuous Run Guide for additional information (separate document)

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## OPTIONS

- E** Emergency Pack- Bodine BSL26
- T** Daylight Sensor- Wattstopper FD-301 with FS-PP
- U** Occupancy Sensor- Wattstopper FS-205/FS-305
- V** Daylight/Occupancy Sensor- Wattstopper FSP-202
- ES1** EcoSystem digital control, Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to- Black. Ideal for conference rooms, restaurants, lobbies, ballrooms, and lecture halls. Benefits include: All benefits of the ES5 series plus beautiful, smooth flicker-free dimming down to 1% and a Soft-on, Fade-to- Black™ feature, which provides an incandescent-like experience when transitioning from off to 1% and vice versa.
- ES5** EcoSystem digital control, 5-Series EcoSystem LED driver. Ideal for cost- and energy-conscious applications such as open offices, meeting spaces, and hallways. Benefits include: Beautiful, smooth flicker-free dimming from 100% to 5%, Even illumination across all fixtures in the space, and Smart, digital addressable fixture control and monitoring available with EcoSystem™.

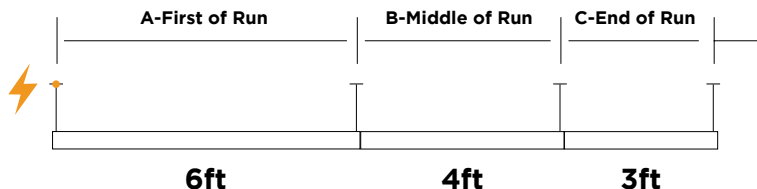
[Lutron Vive Lighting Control System \(applies to VW0, VWS0, VWD and VWSD options\)](#)

Lutron Vive is a revolutionary wireless lighting control solution for new and existing commercial buildings, combining a variety of lighting control strategies with controls and sensors to maximize efficiency and system flexibility. A Lutron Vive lighting control solution can reduce energy consumption by 60% or more by employing the following strategies:

- Occupancy/vacancy sensing turns lights on when occupants are in a space and off when they vacate the space.
- Daylight harvesting dims electric lights when daylight is available to light the space.
- Scheduling provides pre-programmed changes in light levels based on time of day.
- Demand response automatically reduces lighting loads during peak electricity usage times.
- Plug load control automatically turns off loads after occupants leave a space.
- High-end trim sets the maximum light level based on customer requirements in each space.
- Personal dimming control gives occupants the ability to adjust the light level.
- HVAC integration controls heating, ventilation, and air conditioning systems through contact closure, or BACnet protocol.
- System Optimization Service from Lutron identifies important lighting control adjustments to save additional energy and create a more productive work environment on an ongoing basis.

## Continuous Runs

When a system run is ordered, individual sections are shipped labeled with their Section of Run noted at the end of the part number. Shown below is an example of a 13' continuous run. For more information, refer to the continuous run guide.



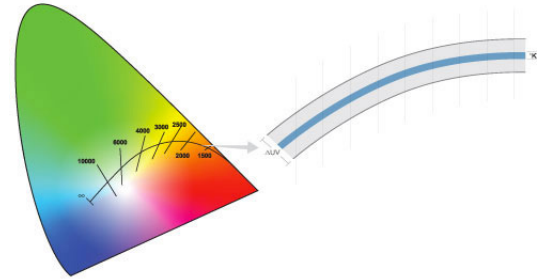
### Direct (Down) Lumen Chart:

| OUTPUT SELECTION | LOW     | MEDIUM | HIGH   |
|------------------|---------|--------|--------|
| NOMINAL WATTAGE  | 7.5W/ft | 10W/ft | 15W/ft |
| LUMENS PER FOOT  | 442     | 595    | 884    |
| <b>2' LENGTH</b> |         |        |        |
| System Wattage   | 13      | 17.5   | 26     |
| Lumen Output     | 884     | 1190   | 1768   |
| <b>3' LENGTH</b> |         |        |        |
| System Wattage   | 19.5    | 26.25  | 39     |
| Lumen Output     | 1326    | 1785   | 2652   |
| <b>4' LENGTH</b> |         |        |        |
| System Wattage   | 26      | 35     | 52     |
| Lumen Output     | 1768    | 2380   | 3536   |
| <b>6' LENGTH</b> |         |        |        |
| System Wattage   | 39      | 52.5   | 78     |
| Lumen Output     | 2652    | 3570   | 5304   |
| <b>8' LENGTH</b> |         |        |        |
| System Wattage   | 52      | 70     | 104    |
| Lumen Output     | 3536    | 4760   | 7072   |

### DECO Tune™ 5 Channel Color Tuning

The benefits of DECO Tune™ include:

- Perfectly natural white light.
- On-Planckian tuning from 1650K to 8000K.
- Dimming from 100% to 1% while maintaining CCT, or variable CCT from 3050K to 1800K to match traditional incandescent or MR-16 lamp dimming
- Industry-leading color rendering (Ra) greater than 90, throughout the tuning range.
- Gamut control for unlimited control and customization of lighting design using the Saturation and Hue controls.
- Consistent color of 2 SDCM about the Planckian Curve over the life of the module.



### Five-Channel Mixing

The number of control channels deployed in a color tuning system impacts the quality of the light and consistency of color. It also affects the color tuning range, the level of gamut control and the efficacy of the solution.

DECO Tune™ mixes five different colors of high brightness, broad spectrum LEDs – none of which are white – to deliver light that is 2 MacAdam ellipses about the Planckian curve at 90+ CRI across the tuning range.

The result: light that accurately depicts – across the full tuning range – the object's color as compared to its color in true sunlight.

