Type:	
Project:	
Notes:	
Quantity:	

VECTOR 2 WALL MOUNT
Ambient Linear LED

Description

The Vector 2 is a 2⁷⁄₁₆″ 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, 1,200 lm/ft indirect on the highest setting
- CCT: 2700K, 3000K, 3500K, 4000K, 5 Channel Color
- Tuning
- CRI: 95 min with R9 of 69 or better
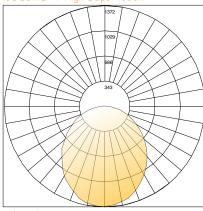- Certifications: ETL approved for dry and damp locations

PHYSICAL

- Profile Dimensions: 3.03″ wide x 5″ high
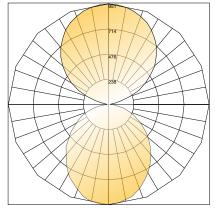- End caps: Die-cast aluminum with powder coat finish
- Housing: Extruded Aluminum with powder coat finish
- Direct Lens: Extruded Satin Acrylic
- Indirect Lens: Extruded clear Acrylic
- Light Engine: Aluminum core LED board mounted to a white extruded chassis with integral driver and quick electrical disconnects for rapid tool-less servicing.
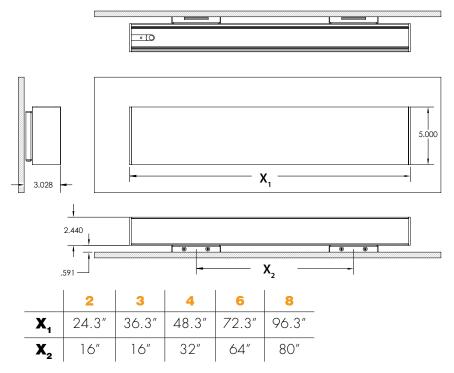- Weight: 30 pounds (8ft luminaire)

Photometrics

ISOCURVE - 4′ High Output 4000K

Delivered Lumens: 3536
CRI: 97

ISOCURVE - 4′ High Direct / High Indirect 4000K

Dimensions

	2	**3**	**4**	**6**	**8**
X₁	24.3″	36.3″	48.3″	72.3″	96.3″
X₂	16″	16″	32″	64″	80″

10 Yr Warranty Including Labor

USA Buy American Act Compliant

ETL Listed

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Ordering Information

Example: (V2W-D-S36-H-27-U-W-E)

FIXTURE SERIES		**V2W**
V2W	Vector 2 Wall Mount	

DISTRIBUTION		
I	Direct/Indirect	
D	Direct	

LENGTH		
2	2'	
3	3'	
4	4'	
6	6'	
8	8'	
Sxxx	System[1]	

OUTPUT DOWN		
L	7.5W/ft	
M	10W/ft	
H	15W/ft	

OUTPUT UP*		
L	7.5W/ft	
M	10W/ft	
H	15W/ft	

CCT DOWN		
27	2700K	
30	3000K	
35	3500K	
40	4000K	
5W	5 Channel Color Tuning	

CCT UP		
27	2700K	
30	3000K	
35	3500K	
40	4000K	
5W	5 Channel Color Tuning	

VOLTAGE		
U	120/277V	

FINISH		
W	Matte White	
S	Silver	
CU	Custom	

OPTIONS		
E	Emergency	
T	Daylight Sensor	
U	Occupancy Sensor	
V	Daylight/Occupancy Sensor	
VV0	Lutron Vive System Enabled Fixture(External RF only) Standard 0-10V X% Driver	
VVS0	Lutron Vive Wireless Fixture (External RF w/Occ & Daylight Sensor) Standard DALI X% Driver	
VVD	Lutron Vive System Enabled Fixture (Integral RF only) Standard DALI X% Driver	
VVSD	Lutron Vive Wireless Fixture (Integral RF w/Occ & Daylight Sensor) Standard DALI X% Driver	
ES1	Lutron LDE1 Series EcoSystem 1% Dimming with Soft On Fade to Black	
ES5	Lutron LDE5 Series EcoSystem 5% Dimming	

*Only available when direct/indirect distribution is selected
[1]Replace "xxx" with desired system length, in feet. See Continuous Run Guide for additional information (separate document)

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 VV0, VVS0, VVD and VVSD 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.
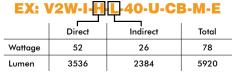
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Direct (Down) Lumen Chart:

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

Indirect (Up) Lumen Chart:

OUTPUT SELECTION	LOW	MEDIUM	HIGH
NOMINAL WATTAGE	7.5W/ft	10W/ft	15W/ft
LUMENS PER FOOT	596	803	1193
2' LENGTH			
System Wattage	13	17.5	26
Lumen Output	1192	1606	2386
3' LENGTH			
System Wattage	19.5	26.25	39
Lumen Output	1788	2409	3579
4' LENGTH			
System Wattage	26	35	52
Lumen Output	2384	3212	4772
6' LENGTH			
System Wattage	39	52.5	78
Lumen Output	3576	4818	7158
8' LENGTH			
System Wattage	52	70	104
Lumen Output	4768	6424	9544

For total system wattage consumption and lumen output, add the direct and indirect lumen and wattage data based on output settings desired.

EX: V2W-I-H-L-40-U-CB-M-E

	Direct	Indirect	Total
Wattage	52	26	78
Lumen	3536	2384	5920

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 Tuning

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.

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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.

A-First of Run	B-Middle of Run	C-End of Run
6ft	**4ft**	**3ft**

D E C O ®| **L I G H T I N G**