



VECTOR 2 PENDANT

Ambient Linear LED

Performance Data

CRI

95 min with R9 of 69 or better

CCT

2700K, 3000k, 3500K, 4000K,
5 Channel Color Tuning

Projected Lifetime

159,000 Hours (L70)
98,000 Hours (L80)

Dimming

0-10V dimming standard

Operating Temperature

-30°C to +55°C (-22°F to +131°F)

ETL Listed

Approved for dry and damp locations



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

- Selected by IES for the 2017 Progress Report
- Up to 900 lm/ft direct, 1,200 lm/ft indirect on the highest setting

PHYSICAL

- Profile Dimensions: 2.44" 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)

V2P



Ordering Information

A FIXTURE SERIES

V2P Vector 2 Pendant

B DISTRIBUTION

I Direct/Indirect
D Direct

C LENGTH

2 2'
3 3'
4 4'
6 6'
8 8'
Sxxx System¹

D OUTPUT DOWN

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

E OUTPUT UP*

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

F CCT DOWN

27 2700K
30 3000K
35 3500K
40 4000K
5W 5 Channel Color Tuning²

G CCT UP*

27 2700K
30 3000K
35 3500K
40 4000K
5W 5 Channel Color Tuning²

H VOLTAGE

U 120-277V

I MOUNTING CABLE

CA 24" Cable
CB 48" Cable
CD 60" Cable
CF 72" Cable
CG 96" Cable
CH 120" Cable
CJ 150" Cable
CK 180" Cable
CL 240" Cable

FINISH⁴

W Textured White
S Textured Silver
B Textured Black
Specialized Colors³
C Textured Custom Colors

K OPTIONS

E Emergency
T Daylight Sensor
U Occupancy Sensor
V Daylight/Occupancy Sensor
VW0 Lutron Vive System Enabled Fixture (External RF only) Standard 0-10V X% Driver (also available with FCJS-ECO module for ES1, ES5 options)
VWS0 Lutron Vive System Enabled Fixture (External RF w/Occ & Daylight Sensor) Standard 0-10V X% Driver (also available with FCJS-ECO module for ES1, ES5 options)
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

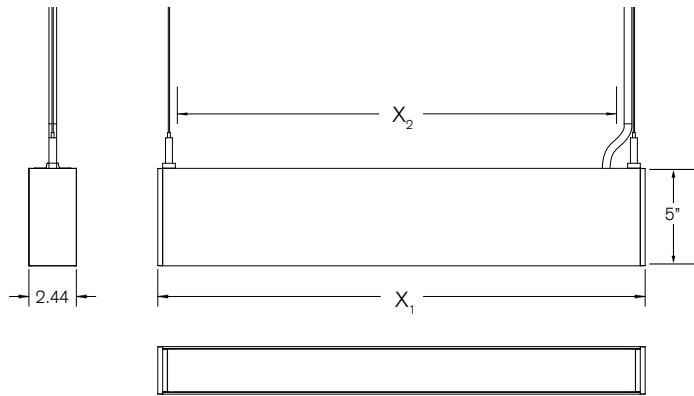
†Replace "xxx" with desired system length, in feet. See Continuous Run Guide for additional information (separate document)

‡5 Channel Color Tuning only available at High Output setting

‡See below for Ordering Codes on 24 Specialized Finishes. Example "07"

‡All finishes are textured unless specified otherwise by the customer

Dimensions



	2	3	4	6	8
X₁	24.32"	36.32"	48.32"	72.32"	96.32"
X₂	23.35"	35.35"	47.35"	71.35"	95.35"

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.

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

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:

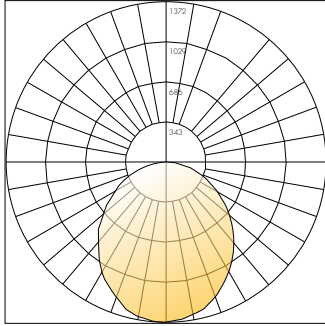
- Occupancy/vacancy sensing turns lights on when occupants are in a space and off when they vacate the space.
- Daylight harvesting dims electric lights when daylight is available to light the space.
- Scheduling provides pre-programmed changes in light levels based on time of day.
- Demand response 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.

Color Options

A-Classic				B-Urban				C-Fresh			
	01	Natural Aluminum	RAL #7035		08	Urban Native	RAL #8025		16	Violet Dreams	RAL #4006
	02	Silver Bullet	RAL #7038		09	Military Green	RAL #6011		17	Sangria Sunset	RAL #2004
	03	Raven	RAL #9005		10	Carmin	RAL #8028		18	Deep Pink	RAL #4010
	04	Crystal White	RAL #9010		11	Chocolate Spice	RAL #8017		19	Ruby Red	RAL #3027
	05	Macademia	RAL #9003		12	Asher Grey	RAL #7004		20	Island Skye	RAL #6027
	06	Hampden	RAL #9001		13	Tech Grey	RAL #7016		21	Sophia	RAL #5015
	07	London	RAL #7044		14	Slate	RAL #7031		22	Antique Spring	RAL #6019
					15	Mason	RAL #7039		23	Daisy	RAL #1018
									24	Gun Metal	RAL #7024

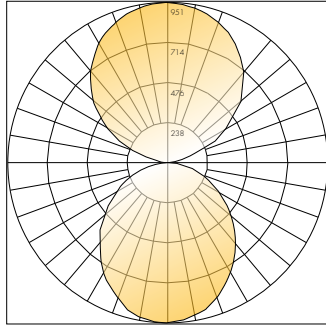
Photometrics

Polar Graph - 4' High Output 4000K



Delivered Lumens: 3536
CRI: 97

Polar Graph - 4' High Direct / High Indirect 4000K



Delivered Lumens: 8,308 (3,536 Direct / 4,772 Indirect)
CRI: 97

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	1192
2' LENGTH			
System Wattage	13	17.5	26
Lumen Output	1192	1606	2384
3' LENGTH			
System Wattage	19.5	26.25	39
Lumen Output	1788	2409	3576
4' LENGTH			
System Wattage	26	35	52
Lumen Output	2384	3212	4768
6' LENGTH			
System Wattage	39	52.5	78
Lumen Output	3576	4818	7152
8' LENGTH			
System Wattage	52	70	104
Lumen Output	4768	6424	9536

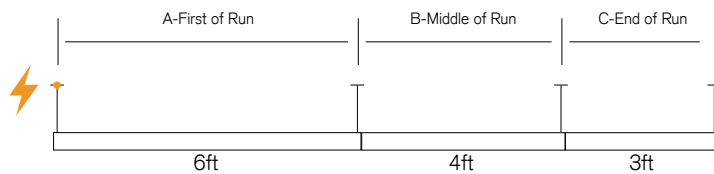
For total system wattage consumption and lumen output, add the direct and indirect lumen and wattage data based on output settings desired.

EX: V2P-I-4-H-L-40-40-U-CB-W-E

	Direct	Indirect	Total
Wattage	52	26	78
Lumen	3536	2384	5920

Continuous Runs

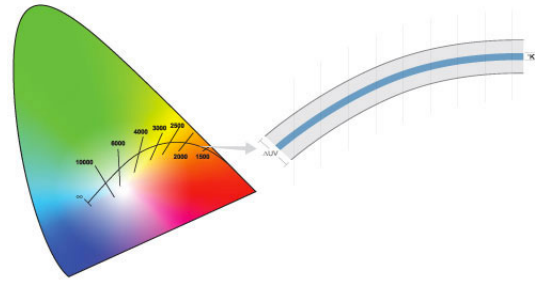
When a system run is ordered, individual sections are shipped, labeled with their Section of Run noted at the end of the part number. Shown below is an example of a 13' continuous run. For more information, refer to the continuous run guide.



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 down 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.

