



# VECTOR 2 PENDANT

Ambient Linear LED

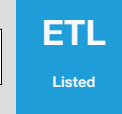
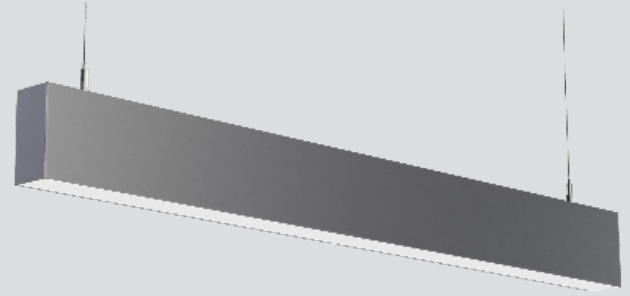
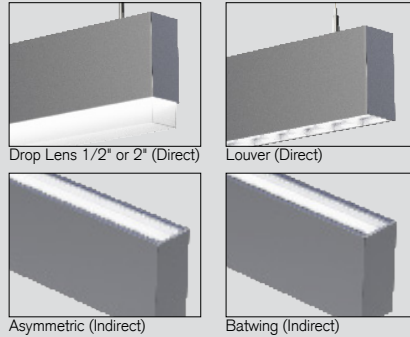
Client: \_\_\_\_\_  
Project Name: \_\_\_\_\_

Order #: \_\_\_\_\_  
Type: \_\_\_\_\_ Qty: \_\_\_\_\_

### Performance Data

- CRI**  
95 min with R9 of 69 or better
- CCT**  
2700K, 3000K, 3500K, 4000K,  
5 Channel Color Tuning
- Projected Lifetime**  
240,000 Hours (L80);  
110,000 Hours (L90)
- 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
- Warranty**  
5 year Standard  
10 year Optional

### DECO MESH™



### 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
- Dual Circuit (DC) option enables independent dimming and control of uplight/downlight automatically included with Direct and Indirect fixtures 4ft and longer
- Up to 1200 lm/ft direct, 1,400 lm/ft indirect at 4000K

#### 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	System <sup>1</sup>

#### D OUTPUT DOWN

L	6W/ft <sup>7,8</sup>
M	9W/ft <sup>7</sup>
H	12W/ft

#### E OUTPUT UP\*

L	6W/ft <sup>7,8</sup>
M	9W/ft <sup>7</sup>
H	12W/ft

#### F CCT DOWN

27	2700K
30	3000K
35	3500K
40	4000K

#### G CCT UP\*

27	2700K
30	3000K
35	3500K
40	4000K

#### H DIRECT LENS

—	Frosted <sup>4</sup>
C	1/2" Drop Lens
D	2" Drop Lens
L	Louver

#### I INDIRECT LENS

—	Standard Clear <sup>4</sup>
B	Batwing
A	Asymmetric

#### J VOLTAGE

U 120-277V

#### K 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

Continues on Pg 2

**L FINISH<sup>5</sup>**

W	Textured White
S	Textured Silver
B	Textured Black
##	Specialized Colors <sup>2,3</sup>
C	Textured Custom Colors

**M OPTIONS**

DC	Dual Circuit for Up/Down
E	Emergency Battery Backup

**N CONTROLS**

BT	Bluetooth DECO Mesh™ <sup>6</sup>
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**O WARRANTY<sup>9</sup>**

-	5 Year Warranty
10	10 Year Warranty
10L	10 Year Warranty including labor

\*Only available when direct/indirect distribution is selected

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

<sup>2</sup> See below for Ordering Codes on 24 Specialized Finishes. Example "07"

<sup>3</sup> Please Note: All orders under 25 linear feet will require a one-time set up charge. Please consult factory for charge.

<sup>4</sup> Fixture standard

<sup>5</sup> All finishes are textured unless specified otherwise by the customer

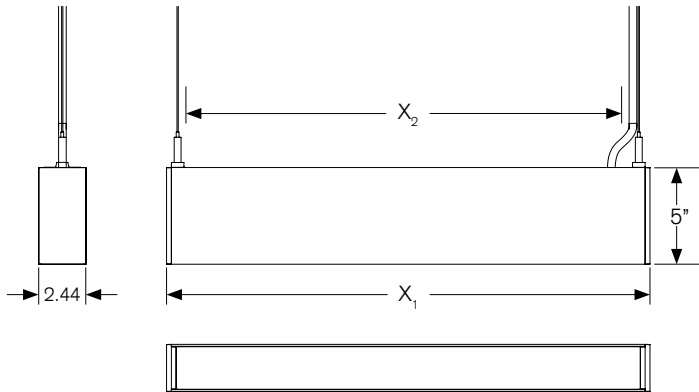
<sup>6</sup> 1% Dimming when ordered with Bluetooth

<sup>7</sup> Not Available for 2' Direct Fixture

<sup>8</sup> Not Available for 3' Direct Fixture

<sup>9</sup> 5 Year Warranty is Standard unless specified

**Dimensions**



	2	3	4	6	8
<b>X<sub>1</sub></b>	24.91"	36.91"	48.91"	72.91"	96.91"
<b>X<sub>2</sub></b>	23.94"	35.94"	47.94"	71.94"	95.94"

**Specialized Colors**

**A-Classic**

01	Natural Aluminum	RAL #7035
02	Silver Bullet	RAL #7038
03	Raven	RAL #9005
04	Crystal White	RAL #9010
05	Macademia	RAL #9003
06	Hampden	RAL #9001
07	London	RAL #7044

**B-Urban**

08	Urban Native	RAL #8025
09	Military Green	RAL #6011
10	Carmin	RAL #8028
11	Chocolate Spice	RAL #8017
12	Asher Grey	RAL #7004
13	Tech Grey	RAL #7016
14	Slate	RAL #7031
15	Mason	RAL #7039

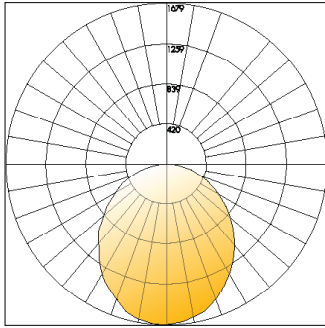
**C-Fresh**

16	Violet Dreams	RAL #4006
17	Sangria Sunset	RAL #2004
18	Deep Pink	RAL #4010
19	Ruby Red	RAL #3027
20	Island Skye	RAL #6027
21	Sophia	RAL #5015
22	Antique Spring	RAL #6019
23	Daisy	RAL #1018
24	Gun Metal	RAL #7024

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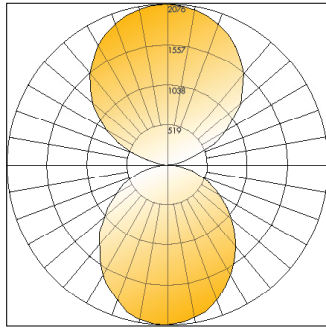
**Photometrics**

Polar Graph - 4' High Output 4000K



Delivered Lumens: 4640  
CRI: 97

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



Delivered Lumens: 10,400 (4640 Direct / 5760 Indirect)  
CRI: 97

**Direct (Down) Lumen Chart:**

OUTPUT SELECTION	LOW	MEDIUM	HIGH
NOMINAL WATTAGE	6W/ft	9W/ft	12W/ft
LUMENS PER FOOT	456	855	928
<b>2' LENGTH</b>			
System Wattage	12.00	18.00	24.00
Lumen Output	912	1700	1856
<b>3' LENGTH</b>			
System Wattage	18.00	27.00	36.00
Lumen Output	1368	2550	2784
<b>4' LENGTH</b>			
System Wattage	24.00	36.00	48.00
Lumen Output	1824	3400	3700
<b>6' LENGTH</b>			
System Wattage	36.00	54.00	72.00
Lumen Output	2736	5100	5568
<b>8' LENGTH</b>			
System Wattage	48.00	72.00	96.00
Lumen Output	3648	6800	7400

**Indirect (Up) Lumen Chart:**

OUTPUT SELECTION	LOW	MEDIUM	HIGH
NOMINAL WATTAGE	6W/ft	9W/ft	12W/ft
LUMENS PER FOOT	576	1080	1152
<b>2' LENGTH</b>			
System Wattage	12.00	18.00	24.00
Lumen Output	1152	2160	2304
<b>3' LENGTH</b>			
System Wattage	18.00	27.00	36.00
Lumen Output	1728	3240	3456
<b>4' LENGTH</b>			
System Wattage	24.00	36.00	48.00
Lumen Output	2300	4320	4608
<b>6' LENGTH</b>			
System Wattage	36.00	54.00	72.00
Lumen Output	3456	6480	6900
<b>8' LENGTH</b>			
System Wattage	48.00	72.00	96.00
Lumen Output	4600	8640	9216

Lumen values shown are for 4000K models. For other color temperatures, use the below multipliers:  
2700K: 0.85, 3000K: 0.90, 3500K: 0.95

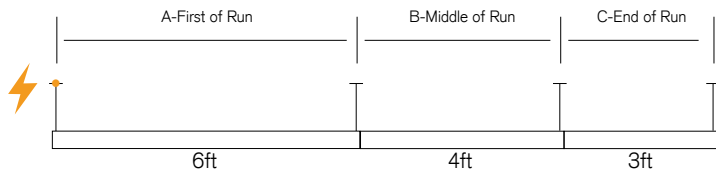
For total system wattage consumption and lumen output, add the direct and indirect lumen and wattage data based on output settings desired.

**EX: V2P-I-4-HL 40-40-U-CB-W-E**

	Direct	Indirect	Total
Wattage	48.00	24.00	72.00
Lumen	4640	2880	7520

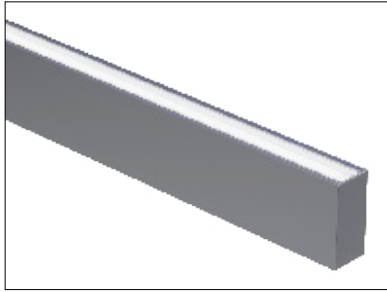
**Continuous Runs**

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.



**Lens Accessories**

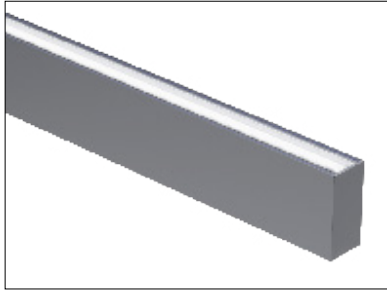
Asymmetric (Indirect)



A frosted PMMA lens with integrated TIR optic. Peak candela is at 60 degrees from Nadir.



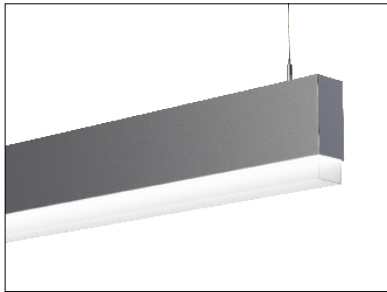
Batwing (Indirect)



A clear PMMA lens with integrated TIR optic, resulting in a broad, shallow batwing distribution. Provides excellent uniformity when luminaire is mounted close to the ceiling.



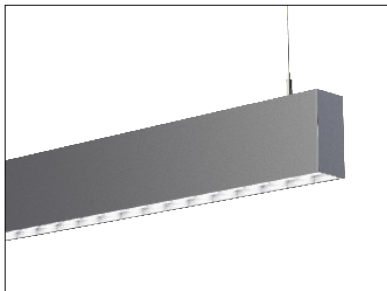
Drop Lens (Direct)  
Available in 1/2" and 2"



A white frosted PMMA lens that protrudes from the luminaire housing by 0.5" or 1.5". End caps are chemically welded to the lens.



Louver (Direct)



A Semi-specular parabolic louver. 22 GA. Aluminum Louver depth 3/4" louver spacing 2" Provides excellent glare control.

