



VECTOR 2 MUD-IN-FLANGE

Recessed 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

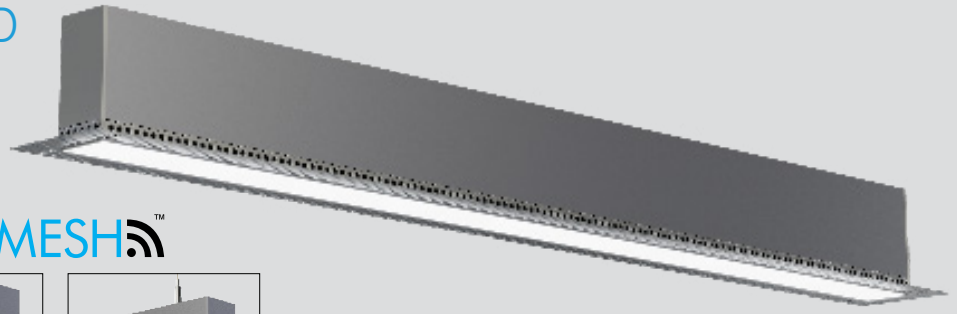
-30°C to +55°C (-22°F to +131°F)

ETL Listed

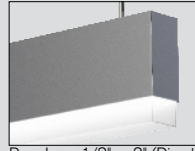
Approved for dry and damp
locations

Warranty

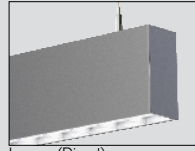
5 year Standard
10 year Optional



DECO MESH™



Drop Lens 1/2" or 2" (Direct)



Louver (Direct)



Description

The Vector 2 is a 2⁷/₁₆" wide linear architectural luminaire delivering excellent illumination for offices, laboratories, libraries, and commercial spaces. Offered in standard lengths of 2', 3', 4', 6', and 8', and available in seamless runs of any length in 1-foot increments, the Mud-in-Flange variant of the Vector allows designers to provide a sleek, minimalist look for interior spaces. Blending seamlessly with walls and ceilings, the Vector Mud in Flange removes all traces of the light fixture, save for the light itself.

Features

PERFORMANCE

- Selected by IES for the 2017 Progress Report
- Up to 1200 lm/ft direct at 4000K

PHYSICAL

- Profile Dimensions: 2.95" wide x 4.6" high
- End Caps: Die cast aluminum with white powder coat finish
- Housing: Extruded Aluminum with white 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)



Ordering Information

A FIXTURE SERIES

V2M Vector 2 Mud-in-Flange

B LENGTH

2 2'

3 3'

4 4'

6 6'

8 8'

Sxxx System¹

C OUTPUT

L 6W/ft^{4,5}

M 9W/ft⁴

H 12W/ft

D CCT

27 2700K

30 3000K

35 3500K

40 4000K

E DIRECT LENS

— Frosted³

C 1/2" Drop Lens

D 2" Drop Lens

L Louver

F VOLTAGE

U 120-277V

G FINISH

W White

H OPTIONS

E Emergency Battery Backup

I CONTROLS

BT Bluetooth DECO Mesh™²

J WARRANTY⁶

- 5 Year Warranty

10 10 Year Warranty

10L 10 Year Warranty including labor

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

² 1% Dimming when ordered with Bluetooth

³ Fixture standard

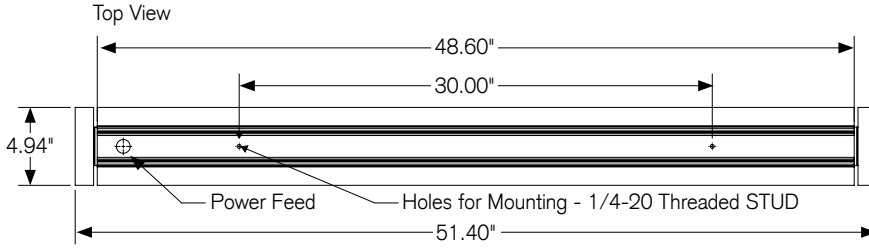
⁴ Not Available for 2' Direct Fixture

⁵ Not Available for 3' Direct Fixture

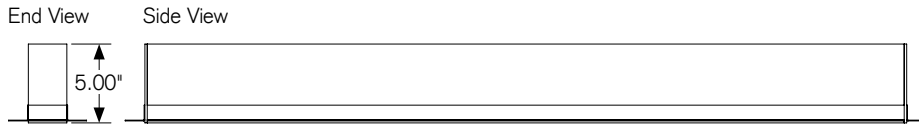
⁶ 5 Year Warranty is Standard unless specified

Dimensions

4ft luminaire

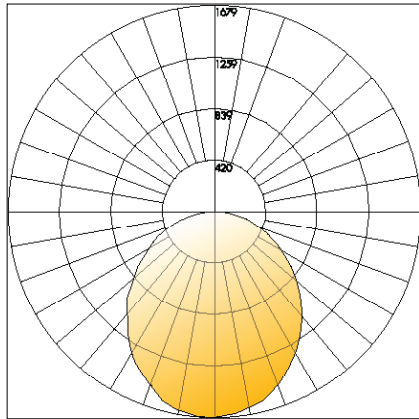


Fixture Length	Opening Width	Opening Length
2 ft	2.75"	25.10"
3 ft	2.75"	37.10"
4 ft	2.75"	49.10"
6 ft	2.75"	73.10"
8 ft	2.75"	97.10"



Photometrics

Polar Graph - 4' High Output 4000K



Delivered Lumens: 4640
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
2' LENGTH			
System Wattage	12.00	18.00	24.00
Lumen Output	912	1700	1856
3' LENGTH			
System Wattage	18.00	27.00	36.00
Lumen Output	1368	2550	2784
4' LENGTH			
System Wattage	24.00	36.00	48.00
Lumen Output	1824	3400	3700
6' LENGTH			
System Wattage	36.00	54.00	72.00
Lumen Output	2736	5100	5568
8' LENGTH			
System Wattage	48.00	72.00	96.00
Lumen Output	3648	6800	7400

Lumen values shown are for 4000K models. For other color temperatures, use the below multipliers:

2700K: 0.85, 3000K: 0.90, 3500K: 0.95

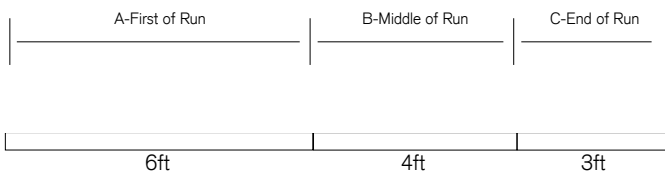
For total system wattage consumption and lumen output, add the direct and indirect lumen and wattage data based on output settings desired.

EX: V2M-4-F-40-F-U-E-LE

	Direct	Total
Wattage	49.00	73.00
Lumen	4640	7520

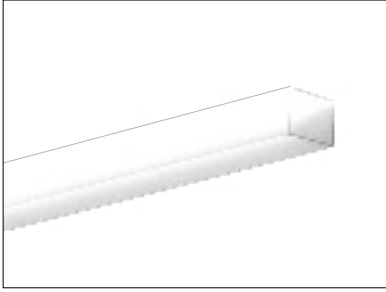
Continuous Runs

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.



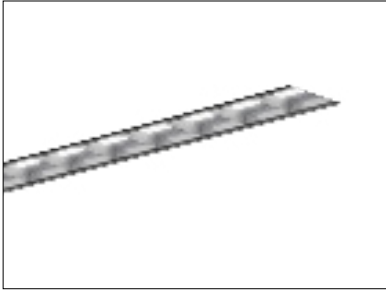
Lens Accessories

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.