M2O ARCHITECTURAL

VEGA™

V2 | PENDANT AMBIENT LUMINAIRE

OVERVIEW

Lumens
Up to 1160 (direct), 1400 (indirect) lm/ft

CRI
80+

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

Voltage
120-277V

Dimming
0-10V dimming standard

Operating Temperature
-22°F to +131°F
(-30°C to +55°C)

Projected Lifetime
>240,000 Hours (L80);
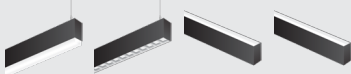>110,000 Hours (L90)

Standard Textured Finishes

White | Silver | Black

Specialized & Custom colors available.

Customization

Optional Lens

Control Compatible

Introducing the Vega™, a sleek 2 ⁷⁄₁₆″ wide linear architectural luminaire. The Vega™ delivers exceptional illumination, with a sleek profile making it perfect for offices, lobbies, libraries, and commercial spaces. From minimalistic layouts to complex configurations illuminate your space with style and flexibility.

Features

- Versatile Sizing: Choose from standard lengths ranging between 2' to 8' or tailor it precisely with custom lengths in 1-foot increments.

- Profile measurements: 2.4″ Wide x 5″ High

- Dual Circuit Option: allows independent dimming of both direct and indirect lighting for a personalized ambiance.

- Illuminate with Ease: Our Light Engine features an aluminum core LED board seamlessly integrated onto a sleek white extruded chassis. Complete with an integral driver and convenient quick electrical disconnects, it enables rapid, tool-less servicing for hassle-free maintenance.

- Premium Build: durable extruded aluminum with a refined powder coat finish.

- Extruded Acrylic Lens: Direct - Satin Sheen, Indirect - Transparent

- Enhance your customization options with optional lenses, allowing you to tailor the lighting experience to your specific needs and preferences.

- Create seamless, uninterrupted illumination with the ability to effortlessly connect luminaires for a continuous run, ensuring a sleek and cohesive lighting solution throughout your space.

- Enable seamless integration with various control systems for effortless management and customization of your lighting environment.

10 YR Warranty Available⁶

BAA Compliant Available

M2O™ ARCHITECTURAL · Ph: 800-323-8107
© 2024 PQL, Inc. All Rights Reserved. · 2285 Ward Avenue · Simi Valley, CA 93065

M2OLIGHTING.COM
Photos and drawings may not be to scale and are for general reference only.
Rev: 02/29/2024

VEGA™ PENDANT AMBIENT LUMINAIRE

M2O ARCHITECTURAL™

BUILD WORKSHEET
Contact sales representative to order.

Sample Code: V28HHBBFCUSWEXXX

V2								U						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

CODE DEFINITIONS

1. SERIES*
V2 Vega™ Pendant

2. LENGTH
2 2FT
3 3FT
4 4FT
6 6FT
8 8FT
C Custom Length*[4]

3. OUTPUT DOWN[1]
L Low
M Mid
H High

4. OUTPUT UP[1]
L Low
M Mid
H High
X Direct Only

5. CCT DOWN
A 2700K
B 3000K
C 3500K
D 4000K
5 5 Channel Color Tuning

6. CCT UP
A 2700K
B 3000K
C 3500K
D 4000K
5 5 Channel Color Tuning
X Direct Only

7. DIRECT LENS
F Frosted Standard
A ½" Drop Lens
B 2" Drop Lens
L Louver

8. INDIRECT LENS
C Clear Standard
A Asymmetric
B Batwing
X Direct Only

9. VOLTAGE
U 120-277V

10. WIRING
S Standard
D Dual Circuit for Up/Down[2]

11. FINISH
W Textured White
S Textured Silver
B Textured Black
Z Specialized [3,4]
C Textured Custom Colors

12. MOUNTING Cable Length
A 24"
B 48"
C 60"
D 72"
E 96"
F 120"
G 150"
H 180"
I 240"

13. SENSOR
X None
A Daylight[5]
B Motion[5]
C Daylight/Occupancy[5]

14. CONTROLS
X None
L Lutron Ecosystem
V Lutron Vive
P Philips Easysense
N nLight
E Enlighted One

15. OPTION
X None
E Emergency

* Consult with sales representative for custom length, finishes and lead time.
[1] See Page 3 for output information.
[2] Dual circuit offered with 6 wire cord - two hots, neutral, ground, and 0-10V dimming.
[3] All finishes are textured unless specified otherwise by the customer.
[4] All orders under 25 linear feet will require a one-time set up charge. Please consult factory for charge.
[5] Default sensor is the Enlighted Micro, see page 5.
[6] 5 Year Warranty is Standard unless specified.

10 YR Warranty Available[6]
BAA Compliant Available

Project: _____
Catalog #: _____
Quantity: _____ Date: _____

M2O™ ARCHITECTURAL • Ph: 800-323-8107
© 2024 PQL, Inc. All Rights Reserved. • 2285 Ward Avenue • Simi Valley, CA 93065

M2OLIGHTING.COM
Photos and drawings may not be to scale and are for general reference only.
Rev: 02/29/2024

VEGA™ PENDANT AMBIENT LUMINAIRE

M20 ARCHITECTURAL™

WATTAGE/LUMEN CHART*

Lumen outputs shown are for 4000K.

Direct (Downlight)

Size	2FT	3FT	4FT	6FT	8FT
LOW (7.5W per foot / 570 lumens per foot)					
Wattage	15W	22.5W	30W	45W	60W
Lumens	1140	1710	2280	3420	4560
MID (10W per foot / 855 lumens per foot)					
Wattage	20W	30W	40W	60W	80W
Lumens	1710	2565	3420	5130	6840
HIGH (15W per foot / 1160 lumens per foot)					
Wattage	30W	45W	60W	90W	120W
Lumens	2320	3480	4640	6960	9280

Indirect (Uplight)

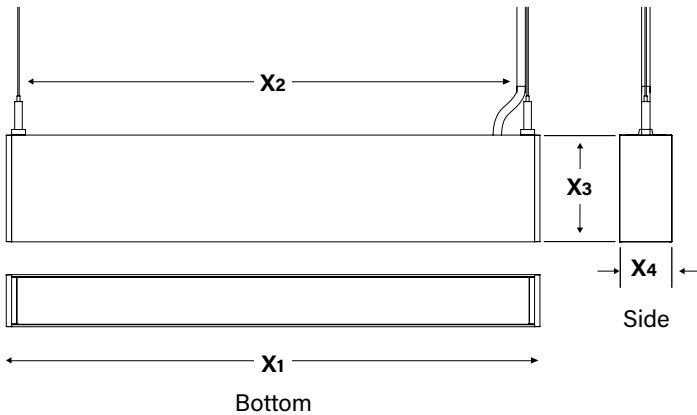| Size	2FT	3FT	4FT	6FT	8FT
LOW (7.5W per foot / 720 lumens per foot)					
Wattage	15W	22.5W	30W	45W	60W
Lumens	1440	2160	2880	4320	5760
MID (10W per foot / 1080 lumens per foot)					
Wattage	20W	30W	40W	60W	80W
Lumens	2160	3240	4320	6480	8640
HIGH (15W per foot / 1440 lumens per foot)					
Wattage	30W	45W	60W	90W	120W
Lumens	2880	4320	5760	8640	11520

*For other color temps, use the following lumen factors: 5000K: 1.10 • 3500K: 0.80 • 3000K: 0.75
For total system wattage and lumen output, add the direct and indirect values based on output settings.
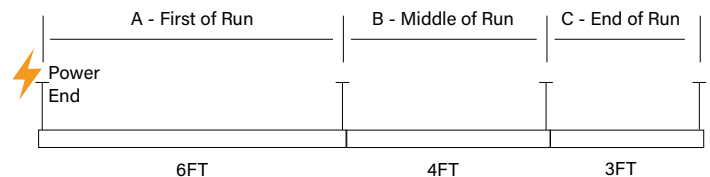
DIMENSIONS

Size	2FT	3FT	4FT	6FT	8FT
Length - X₁	24.3"	36.3"	48.3"	72.3"	96.3"
Length - X₂	23.4"	35.4"	47.4"	71.4"	95.4"
Height - X₃	5"				
Width - X₄	2.4"				

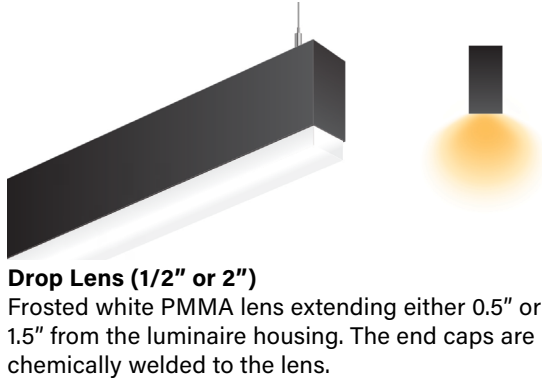*Custom lengths available in 1-foot increments.*

CONTINUOUS RUN

When placing an order for a continuous run, each section is shipped with a label indicating its designated "Section of Run," which is specified at the end of the part number. An illustration of a 13FT continuous run is provided to the right. For further details, contact sales representative.
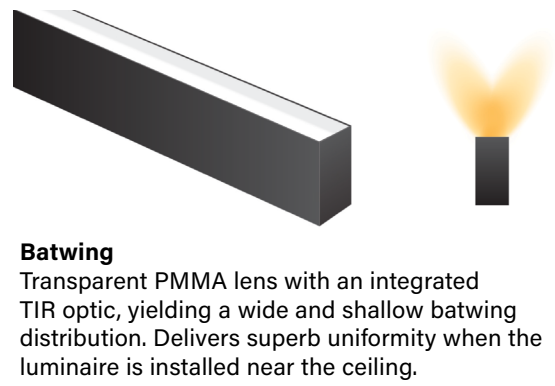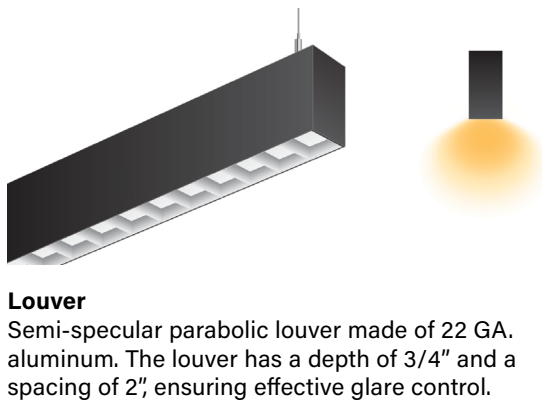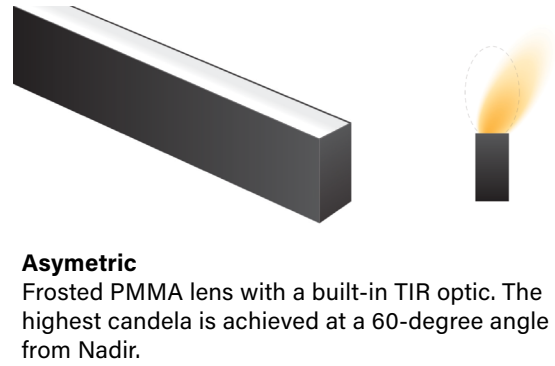
A - First of Run — 6FT
B - Middle of Run — 4FT
C - End of Run — 3FT
Power End

OPTIONAL LENSES

Direct Lenses

Drop Lens (1/2" or 2")
Frosted white PMMA lens extending either 0.5" or 1.5" from the luminaire housing. The end caps are chemically welded to the lens.

Louver
Semi-specular parabolic louver made of 22 GA. aluminum. The louver has a depth of 3/4" and a spacing of 2", ensuring effective glare control.

Indirect Lenses

Asymetric
Frosted PMMA lens with a built-in TIR optic. The highest candela is achieved at a 60-degree angle from Nadir.

Batwing
Transparent PMMA lens with an integrated TIR optic, yielding a wide and shallow batwing distribution. Delivers superb uniformity when the luminaire is installed near the ceiling.

SPECIALIZED COLORS
Additional colors are available through RAL Color

01 - RAL#7035 Light Grey	05 - RAL#9003 Signal White	09 - RAL#6011 Reseda Green	13 - RAL#7016 Anthracite Grey	17 - RAL#2004 Pure Orange	21 - RAL#5015 Sky Blue
02 - RAL#7038 Agate Grey	06 - RAL#9001 Cream	10 - RAL#8028 Terra Brown	14 - RAL#7031 Blue Grey	18 - RAL#4010 Telemagenta	22 - RAL#6019 Pastel Green
03 - RAL#9005 Jet Black	07 - RAL#7044 Silk Grey	11 - RAL#8017 Chocolate Brown	15 - RAL#7039 Quartz Grey	19 - RAL#3027 Raspberry Red	23 - RAL#1018 Zinc Yellow
04 - RAL#9010 Pure White	08 - RAL#8025 Pale Brown	12 - RAL#7004 Signal Grey	16 - RAL#4006 Traffic Purple	20 - RAL#6027 Light Green	24 - RAL#7024 Graphite Grey

All orders under 25 linear feet will require a one-time set up charge. Please consult factory for charge.

M20™ ARCHITECTURAL ▪ Ph: 800-323-8107
© 2024 PQL, Inc. All Rights Reserved. ▪ 2285 Ward Avenue ▪ Simi Valley, CA 93065

M20LIGHTING.COM
Photos and drawings may not be to scale and are for general reference only.
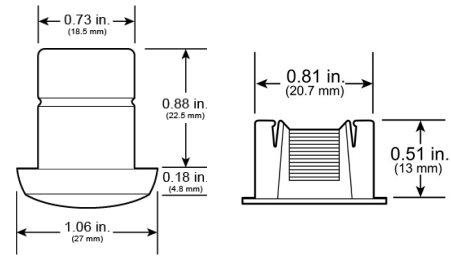Rev: 02/29/2024

CONTROLS

enlighted

MICRO SENSOR - Daylight / Motion / Occupancy

A complete sensing and lighting control node powered from its attached light fixture. An innovative carrier-based mounting design supports easy installation and replacement. With integrated wireless communications for data transmission and remote configuration as well as autonomous fixture-level control, this sensor brings advanced lighting automation to a whole new level.

FEATURES

Enlighted Sensor Interface (ESI)

Localized Lighting Control

Edge Sensing

Bluetooth Low Energy

Occupancy and Thermal Sensing

Tunable White

Daylight Harvesting

Room and Zone Control

IoT Sensing Node

Standards-Based Networking and Security

Data Privacy

Driver Compatibility

SENSOR COVERAGE PATTERNS

Incorporates an optical Fresnel lens that works with the digital Passive Infrared (PIR) sensor to detect occupancy and motion. The multifaceted lens focuses light onto the PIR to produce an all-encompassing field of view through aggregation of many narrow fields of view.

0.73 in. (18.5 mm)

0.88 in. (22.5 mm)

0.18 in. (4.8 mm)

1.06 in. (27 mm)

0.81 in. (20.7 mm)

0.51 in. (13 mm)

SMART CONTROLS*

The Vega™, seamlessly integrates with a range of advanced sensor solutions from industry leaders such as Lutron, Enlighted, and Avi-on. With the integration of smart sensors, you can achieve greater energy savings compared to traditional systems but also unlock additional functional features. These sensors enable the luminaire to adapt to the needs and behaviors of occupants, resulting in a smart building solution.

LUTRON®

Illuminate your commercial space flawlessly with Lutron, where we understand that every environment has unique lighting requirements. Whether it's hospitality or office settings, we tailor lighting, shades, and control solutions to match your project's exact needs.

enlighted

Discover the power of Enlighted's IoT solution, featuring a patented smart sensor. This cutting-edge technology measures ambient light, motion (PIR), energy consumption, and temperature, all while offering Bluetooth® capabilities and wireless connectivity.

avi-on®
Bluetooth® Lighting Controls

Experience unparalleled ease and innovation with Avi-on®'s leading IoT platform for wireless lighting controls. Our patented no gateway architecture and industry-leading commissioning and scalability management tools ensure easy installation, seamless usability, and cost-effectiveness—even for multi-thousand device systems.

Not all compatible smart controls may be listed. Please contact sale representative.

M2O™ ARCHITECTURAL · Ph: 800-323-8107

© 2024 PQL, Inc. All Rights Reserved. · 2285 Ward Avenue · Simi Valley, CA 93065

M2OLIGHTING.COM

Photos and drawings may not be to scale and are for general reference only.

Rev: 02/29/2024