

VEGA™ FORMS



X2 | AMBIENT LUMINAIRE

OVERVIEW

Lumens

Up to 1150 (direct), 1300 (indirect) lm/ft

CRI

90+

CCT

2700K, 3000K, 3500K, 4000K
5 Channel Color Tuning, RGB uplight

Voltage

120-277V

Dimming

0-10V, 100% down to 1%

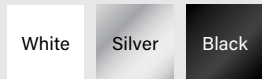
Operating Temperature

-22°F to +131°F

Projected Lifetime

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

Standard Textured Finishes



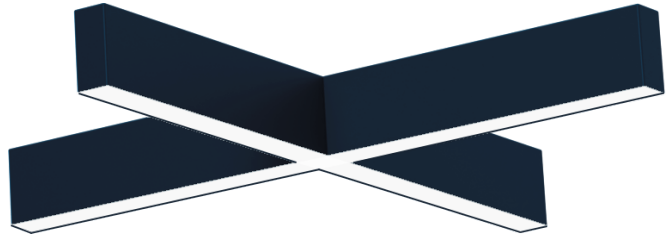
Specialized & Custom colors available.

Customization

Optional Lens



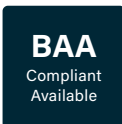
Control Compatible



The Vega™ [vay-gah] X luminaire: a fusion of bold design and premium illumination, defining the uniqueness of the Vega™ Forms for interior lighting. Available in a variety of lengths, ensuring a perfect fit for any space. Engineered to shine in both style and performance, the Vega™ X transforms interior environments with its cutting-edge technology and unique modern charm.

Features

- Versatile Sizing: Choose from standard lengths ranging between 2, 3, or 4 feet.
- Profile measurements: 2.44" 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
- 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.



BUILD WORKSHEET

Contact sales representative to order.

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SERIES ¹	LENGTH	DIRECT OUTPUT ¹	INDIRECT OUTPUT ¹	DIRECT CCT	INDIRECT CCT	DIRECT LENS	INDIRECT LENS	VOLTAGE	WIRING	FINISH
X2P Vega™ X Pendant	2 2FT	L Low 7.5W/FT	L Low 7.5W/FT	A 2700K	A 2700K	F Frost, Standard	C Clear, Standard	U 120-277V	S Standard	W Textured White
X2S Vega™ X Surface	3 3FT	M Mid 10W/FT	M Mid 10W/FT	B 3000K	B 3000K	A 1/2" Drop Lens	A Asymmetric		D Dual Circuit for Up/Down ⁴	S Textured Silver
	4 4FT	H High 15W/FT	H High 15W/FT	C 3500K	C 3500K	B 1 1/2" Drop Lens	B Batwing			B Textured Black
			Blank Direct Only	D 4000K	D 4000K	L Louver	Blank Direct Only			Z Specialized ^{5,6}
				5 5 Channel Tuning ²	5 5 Channel Tuning	K Black Lens				
					C RGB Uplight ³					
					Blank Direct Only					

MOUNTING	SENSOR	CONTROLS	EMERGENCY	WARRANTY	BUILD TYPE
A 24" Cable	A Daylight/Motion Occupancy ⁷	C Custom ⁷	E Emergency Backup	10 10 Year Option	BA BAA Compliant
B 48" Cable	Blank None	Blank None	Blank None	Blank Standard 5 Year	Blank Standard
C 60" Cable					
D 72" Cable					
E 96" Cable					
Blank Surface Mount (X2S)					

¹ Consult with sales representative for custom length, finishes and lead time.

² 5 Channel Tuning options only available at High Output setting.

³ See page 3 uplight RGB options.

⁴ Dual circuit offered with 6 wire cord - two hots, neutral, ground, and 0-10V dimming.

⁵ All finishes are textured unless specified otherwise by the customer.

⁶ All orders under 25 linear feet will require a one-time set up charge. Please consult factory for charge.

⁷ Default sensor is the Enlighted Micro, see page 5.

⁸ Consult sales representative for custom controls.

⁹ 5 Year Warranty is Standard unless specified.



WATTAGE/LUMEN CHART*

Lumen outputs shown are for 3500K with a standard lens.

Direct (Downlight)

Size	2FT	3FT	4FT
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LOW (7.5W per foot)

Wattage	60W	90W	120W
Lumens	7740	11610	15480

MID (10W per foot)

Wattage	80W	120W	160W
Lumens	10720	16080	21440

HIGH (15W per foot)

Wattage	120W	180W	240W
Lumens	14640	21960	29280

Indirect (Uplight)

Size	2FT	3FT	4FT
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LOW (7.5W per foot)

Wattage	65W	100W	130W
Lumens	8437	12655	16873

MID (10W per foot)

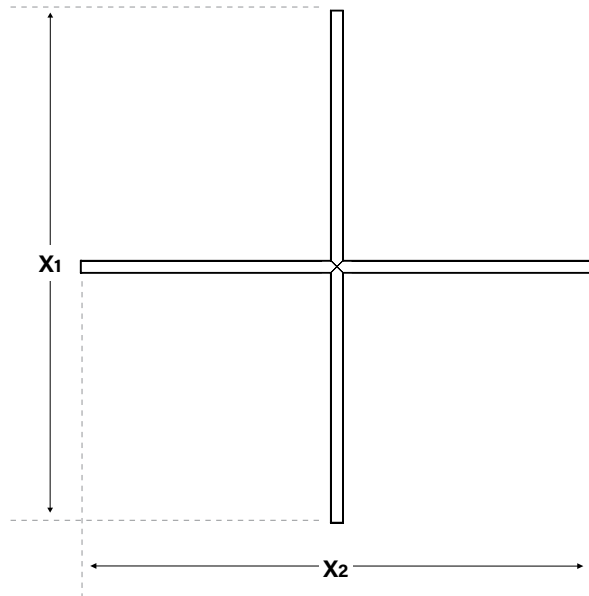
Wattage	85W	125W	165W
Lumens	11685	17527	23370

HIGH (15W per foot)

Wattage	125W	185W	245W
Lumens	15958	23936	31915

*Lumen values shown are for 3500K models. For other color temperatures, use the multipliers: 2700K: 0.87, 3000K: 0.92, 4000K: 1.02
 For total system wattage and lumen output, add the direct and indirect values based on output settings.

DIMENSIONS



Size	2FT	3FT	4FT
X1	49"	73"	97"
X2	49"	73"	97"
X3	5"		

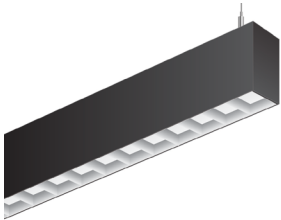
OPTIONAL LENSES

Direct Lenses



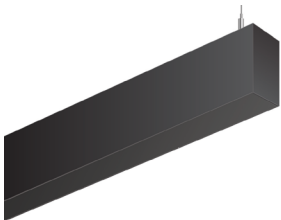
Drop Lens (½" or 1 ½")

Frosted white PMMA lens extending 0.5" or 1.5" from the luminaire housing. The end caps are chemically welded to the lens.



Louver

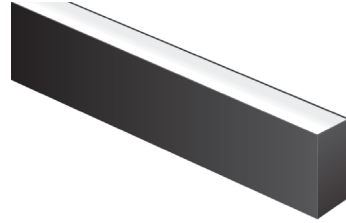
Semi-specular parabolic louver made of 22 GA. aluminum. The louver has a depth of 3/4" and a spacing of 2", ensuring effective glare control.



Black Lens

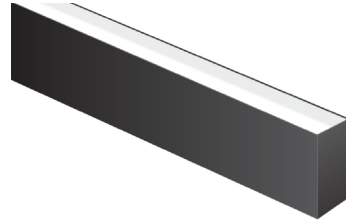
Frosted black lens.

Indirect Lenses



Asymetric

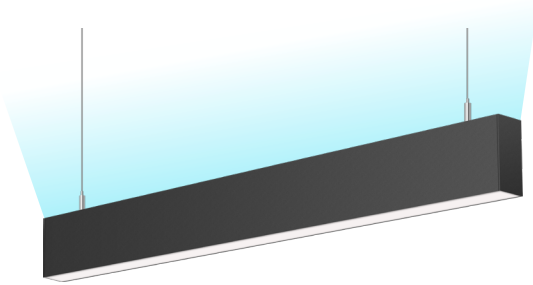
Frosted PMMA lens with a built-in TIR optic. The highest candela is achieved at a 60-degree angle from Nadir.



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 LED STATIC COLORS



01 - Violet	06 - PC Lime	11 - PC Red Orange
02 - Royal Blue	07 - PC Mint	12 - Red
03 - Blue	08 - Amber	13 - Photo Red
04 - Cyan	09 - PC Amber	14 - Far Red
05 - Green	10 - Red Orange	15 - PC Purple

SPECIALIZED FINISH COLORS

Additional colors are available through RAL Color



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

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 **SENSOR**



MICRO SENSOR - Daylight / Motion / Occupancy

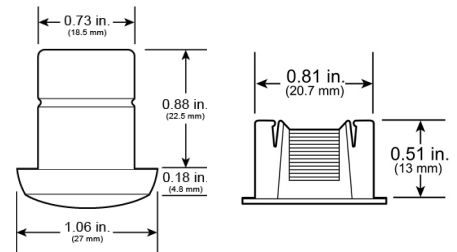
A complete sensing and lighting control node powered from its attached light fixture. An innovative carrier-based mounting design supports easy installation and replacement. With integrated wireless communications for data transmission and remote configuration as well as autonomous fixture-level control,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

FEATURES

- | | |
|----------------------------------|---|
| Enlighted Sensor Interface (ESI) | Room and Zone Control |
| Localized Lighting Control | IoT Sensing Node |
| Edge Sensing | Standards-Based Networking and Security |
| Bluetooth Low Energy | Data Privacy |
| Occupancy and Thermal Sensing | Driver Compatibility |
| Tunable White | |
| Daylight Harvesting | |

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.



 **CONTROLS**

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.



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.



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.



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.*