VISIONAIRE LIGHTING

Performance In A Whole New Light

V-Collection

V-Collection

The new V-Collection of LED Fixtures by Visionaire, finally brings together the full spectrum of architectural lighting tools, needed to fulfill any design requirements; from general area lighting to specific design needs such as building lighting or sign lighting.

VMX

VLX

VSX

Clean lines, and a streamlined look complemented by striking design details that reflect the modern eye for elegance, all with rugged construction. In the world of outdoor lighting, the V-Collection stands out with its own brand of stylishness, helping each client realize their lighting vision.

Our contemporary form flows into pleasing colors energized with metallic finishes and subtle textures. In every detail, our products are made to go beautifully together in both form and function. Our advanced features are made to create great results, easily. You will make a statement with the quality of construction, beautiful architectural design and energy –efficient technology.

V-Sconce

V-Flood

V-Bollard

The V-collection of new LED products offers three sizes of Area Lighting products, from 16 to 192 LEDs, with a full range of optical distribution patterns, all in total scale with each other. Add to that family of products; the V-Sconce offering up to 48 LEDs with Emergency battery pack, Motion Sensor, and Mounting options.

A stylish V-Bollard family in single or double configurations allows for ground or pedestrian applications. Rounding out the architectural package; is the new V-Flood Series with two sturdy mounting configurations and two beam distributions from 20 to 40 degrees for tight light distributions when needed.

VLX - LED Luminaire

The new VLX LED Series offers clean, functional styling that is defined by its sleek low profile design and rugged construction. It combines the latest LED performance and advanced LED thermal management technology, and provides lighting that is both energy efficient and aesthetically pleasing. Choose from 64 to 192 LEDs in one fixture size, that looks perfect with any of the LED configurations; thereby enabling the lighting designer to tailor the lighting to the application needs; while maintaining a uniform appearance throughout the entire project. Choose from a 7,000+ lumen package with life expectancy of well over 20 years; or 38,000+ lumens for your higher wattage needs.

Consider Visionaire's new "Vision-Net" dimming control system for affordable wireless control of your LED lighting system; for even more energy savings.

For general parking, pedestrian areas, and roadways; the VLX LED series brings contemporary LED lighting design into the 21st century.

Fixture Construction
 • Die-cast aluminum housing with integrated heat sink for maximum thermal management of the LEDs for extreme long life of the LEDs.
• Two piece, tool-less entry, die-cast mounting arm and driver compartment for ease of mounting, and driver maintenance.
• A pole mounting design that simplifies the installation of the fixture.
• Engineered optical assemblies with six distribution patterns.

LED Technology
• 64 to 192 LEDs
• 350,530,700 or 1000 mA ratings.
• 7,000 to 38,000 lumen package available.
• 4000 or 5000 Kelvin for natural or white light.
• Full cutoff optics available in six distribution patterns.
• 69,000 to 126,000 hours or more of life for the LEDs
• Add dimming controls for increased cost savings and project flexibility.

 Applications
• The VLX LED Series is destined to become the standard for which LED area lights are measured. Simple flowing lines that house scalable LEDs that replace traditional HID fixtures; for a wide range of lighting applications. From shopping centers to auto dealerships; to general parking lots to roadways; the VLX LED series is the transition of LED lighting into tomorrow.

VLX LED

Project Name:	Catalog Number:	Type

Dimensional Drawings

ETL c us
Intertek
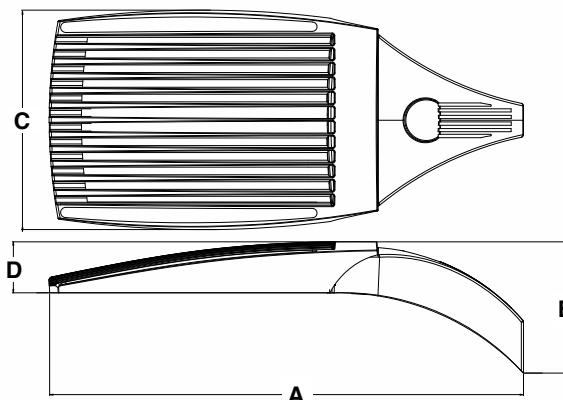
Fixture	A	B	C	D	Max. Watts	Lbs
VLX-1	36"	14"	15.5"	4"	409W	58

The new VLX LED Series offers clean, functional styling that is defined by its sleek low profile design and rugged construction. It combines LED performance and advanced LED thermal management technology and provides outdoor lighting that is both energy efficient and aesthetically pleasing.

The LED's performance and the driver's life are maximized by enclosing them in two separate die cast aluminum housings. Easy tool-less access for mounting and maintenance.
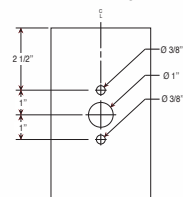
The LED light assemblies come with 64 to 192 LEDs. Six optical distribution patterns are available. Choose between 4000 or 5000 Kelvin temperature of the LEDs.

A durable polyester powder coat finish is guaranteed for five years; and is available in standard or custom colors.

The VLX LED series is an exceptional choice for commercial parking lots, office complexes, architectural projects, and other general lighting projects.

Model	Optics	Source	Current	Kelvin	Voltage	Mounting	Finish	Options
VLX-1	Type II **(T2)**	# of LEDs	mA	4000K *Neutral white **(4K)**	120-277 *Universal voltage **(UNV)**	Arm Mount **(AM)**	Bronze **(BZ)**	Photocell & Receptacle *Specify voltage **(PCR120)** **(PCR208)** **(PCR240)** **(PCR277)**
	Type III **(T3)**	64 **(64LC)**	350 **(3)**				Black **(BK)**	Photo Receptacle **(PER)** *With shorting cap
	Type IV **(T4)**	96 **(96LC)**	530 **(5)**	5000K *Cool white **(5K)**	480 **(5)** Not available in 1 amp	Wall Mount *Cast Wall Plate (BAWP) to be ordered separately **(WM)**	Smooth Black **(SBK)**	Round Pole Plate Adaptor For 3"Ø Pole **(RPP3)** For 4"Ø Pole **(RPP4)** For 5"Ø Pole **(RPP5)**
	Type IV-A **(T4A)**	128* **(128LC)**	700 **(7)**		347 **(8)** Not available in 1 amp		White **(WH)**	Cast Wall Plate **(BAWP)**
	Type IV-AR **(T4AR)** Rotated Right	160* **(160LC)**	1000* **(10)**				Smooth White **(SWH)**	0-10v Dimming Driver No Controls **(DIM)**
	Type IV-AL **(T4AL)** Rotated Left	192* **(192LC)**					Graphite **(GP)**	Motion Sensor *Works with FSP-211 **(WSC-8)** 8' Mounting Height **(WSC-20)** 9-20' Mounting Height **(WSC-40)** 21-40' Mounting Height
	Type V **(T5)**						Grey **(GY)**	Wireless Control Consult Factory **(WC)**
	Type V-W **(T5W)**	*1000 mA NOT AVAILABLE FOR 128LC, 160LC OR 192LC					Silver Metallic **(SL)**	Universal Pole Mount Adaptor **(UPMA)**
							Custom Color **(CC)**	

VLX DRILL DIAGRAM

2 1/2"
Ø 3/8"
Ø 1"
1"
Ø 3/8"
1"

Round Pole Plate Adaptors (RPP) are to be ordered separately.

VISIONAIRE LIGHTING
Performance In A Whole New Light®

AREA

AREA

Housing
• Die cast aluminum LED housing with integral cooling fins for thermal management.

Mounting Arm/Driver Compartment
•Durable two-piece die cast aluminum driver compartment utilizes a tool-less push button latch for ease of maintenance and sealed with a one-piece silicone gasket.

Thermal Management
• The VLX series provides excellent thermal management by mounting the LEDs to the substantial heat sink of the housing. This enables the Luminaire to withstand higher ambient temperatures and driver currents without degrading LED life.
• The L70 test determines the point in an LEDs life when it reaches 70 percent of its initial output. The VLX series LEDs have been determined to last 100,000+ hours in 25° C environments when driven at 350 mA.

Optical System
• The highest lumen output, Evo/C LEDs are utilized in the VLX series. IES distribution Types II, III, IV, IV-A , V and V-W are available. The optical system qualifies as IES full cutoff to restrict light trespass, glare and light pollution.
• CRI values are 70 for 4000K and 75 for 5000K.

Quali-Guard® Finish
• The finish is a Quali-Guard® textured, chemically pretreated through a multiple-stage washer, electrostatically applied, thermoset polyester powder coat finish, with a minimum of 3-5 millimeter thickness. Finish is oven-baked at 400° F to promote maximum adherence and finish hardness. All finishes are available in standard and custom colors.
• Finish is guaranteed for five (5) years.

Electrical Assembly
• The VLX LED series is supplied with a choice of 350, 530, 700 or 1000 mA high-performance LED drivers that accept 120v thru 480v, 50 Hz to 60 Hz, input. Power factor of 90%. Rated for -40°C operations.

• 10 kV surge protector supplied as standard.

• Terminal block supplied as standard.

Warranty
• Five (5) year Limited Warranty on entire system, including finish. For full warranty information, please visit visionairelighting.com.

Options
• Photocell & receptacle

• Photo receptacle

• Round pole plate adapter

• Cast Wall Plate

• 0-10v Dimming Driver

• Motion Sensor

• Wireless Control

•Universal Pole Mount Adaptor

Listings
• The VLX is ETL listed, suitable for wet locations.

• IP65 Rated

• Powder Coated Tough.

• DLC Listed

IP65 RATED   POWDER COATED **TOUGH**   ETL Intertek   lighting facts   DLC

DesignLights Consortium (DLC) qualified Product. Some configurations of this product family may not be DesignLights Consortium (DLC) listed, please refer to the DLC qualified products list to confirm listed configurations. http://www.designlights.org/

VLX 5K LUMEN DATA

# LED's	mA	TYPE 1	B	U	G	TYPE 2	B	U	G	TYPE 3	B	U	G	TYPE 4	B	U	G	TYPE 4A	B	U	G	TYPE 5	B	U	G	TYPE 5W	B	U	G	WATTS
64	350	7,541	3	1	3	7,697	2	1	2	6,872	2	0	2	7,501	1	1	2	7,354	1	1	1	8,382	3	0	1	8,205	3	0	1	71
	530	10,616	3	1	3	10,836	2	2	3	9,675	2	0	2	10,560	2	1	2	10,354	2	1	2	11,800	3	0	1	11,552	3	0	2	103
	700	13,469	3	2	3	13,749	3	2	3	12,275	3	0	3	13,399	3	2	3	13,137	2	2	3	14,972	3	0	2	14,657	4	0	2	139
	1000	16,841	3	2	3	17,191	3	2	3	15,347	3	0	3	16,753	3	2	3	16,425	2	2	2	18,720	4	0	2	18,326	4	0	2	217
96	350	11,503	3	2	3	11,742	3	2	3	10,477	2	1	2	11,443	2	2	2	11,219	2	2	2	12,786	3	0	1	12,517	3	0	2	108
	530	16,194	3	2	3	16,530	3	2	3	14,750	3	0	3	16,109	3	2	3	15,794	2	2	2	18,001	4	0	2	17,621	4	0	2	163
	700	20,547	4	2	4	20,973	3	2	4	18,715	3	2	3	20,440	3	2	3	20,039	2	2	3	22,893	4	0	2	22,358	4	0	2	215
	1000	25,691	4	2	4	26,224	3	2	4	23,400	3	2	4	25,557	3	2	3	25,057	3	2	3	28,558	5	0	2	27,956	5	0	3	328
128	350	13,657	3	2	3	13,940	3	2	3	12,439	2	0	2	13,585	2	2	3	13,319	2	2	2	15,180	3	0	2	14,861	4	0	2	134
	530	18,972	4	2	4	19,366	3	2	3	17,280	3	0	3	18,873	3	2	3	18,503	2	2	2	21,089	4	0	2	20,645	4	0	2	203
	700	23,361	4	2	4	23,846	3	2	4	21,279	3	0	3	23,240	3	2	3	22,785	2	2	3	25,968	4	0	2	25,421	4	0	2	268
160	350	17,071	3	2	3	17,425	3	2	3	15,549	3	0	3	16,982	3	2	3	16,649	2	2	2	18,976	4	0	2	18,576	4	0	2	168
	530	23,715	4	2	4	24,207	3	2	4	21,601	3	0	3	23,591	3	2	3	23,129	3	2	3	26,361	5	0	2	25,806	4	0	2	254
	700	29,202	4	2	4	29,808	4	2	4	26,598	3	0	3	29,050	3	2	4	28,481	3	2	3	32,460	5	0	2	31,776	5	0	3	336
192	350	20,485	4	2	4	20,910	3	2	3	18,659	3	0	3	20,378	3	2	3	19,979	3	2	3	22,771	4	0	2	22,291	4	0	2	202
	530	28,458	4	2	4	29,049	4	2	4	25,921	3	0	3	28,310	3	2	4	27,755	3	2	3	31,634	5	0	3	30,967	5	0	3	306
	700	35,042	5	2	4	35,770	4	2	5	31,918	3	0	3	34,860	3	2	4	34,177	3	2	4	38,953	5	0	2	38,132	5	0	3	409

Visit www.VisionaireLighting.com for up-to-the-minute chart information, including types not listed here.

EPA Data						
	1.0	1.6	2.0	2.5	2.4	2.5

VMX - LED Luminaire

The new VMX LED Series offers clean, functional styling that is defined by its sleek low profile design and rugged construction. It combines the latest LED performance and advanced LED thermal management technology, and provides lighting that is both energy efficient and aesthetically pleasing. Choose from 48 to 96 LEDs in one fixture size, that looks perfect with any of the LED configurations; thereby enabling the lighting designer to tailor the lighting to the application needs; while maintaining a uniform appearance throughout the entire project. Choose from a 5,500+ lumen package with life expectancy of well over 20 years; or 20,000+ lumens for your higher wattage needs.

For general parking lots, pedestrian areas, and roadways; the VMX LED series brings contemporary LED lighting design into the 21st century.

Fixture Construction
 • Die-cast aluminum housing with integrated heat sink for maximum thermal management of the LEDs for extreme long life of the LEDs.
• Two piece, tool-less entry, die-cast mounting arm and driver compartment for ease of mounting, and driver maintenance.
• A pole mounting design that simplifies the installation of the fixture.
• Engineered optical assemblies with six distribution patterns.

LED Technology
• 48 to 96 LEDs
• 350,530,700 or 1000* mA ratings.
• 5,500 to 20,000+ lumen package available.
• 4000 or 5000 Kelvin for natural or white light.
• Full cutoff optics available in six distribution patterns.
• 50,000 to 100,000 hours or more of life for the LEDs
• Add dimming controls for increased cost savings and project flexibility.

 Applications
• The VMX LED Series is destined to become the standard for which LED area lights are measured. Simple flowing lines that house scalable LEDs that replace traditional HID fixtures; for a wide range of lighting applications. From general parking lots; to roadways; to shopping centers; the VMX LED series is the transition of LED lighting into tomorrow.

VMX LED

Project Name:	Catalog Number:	Type
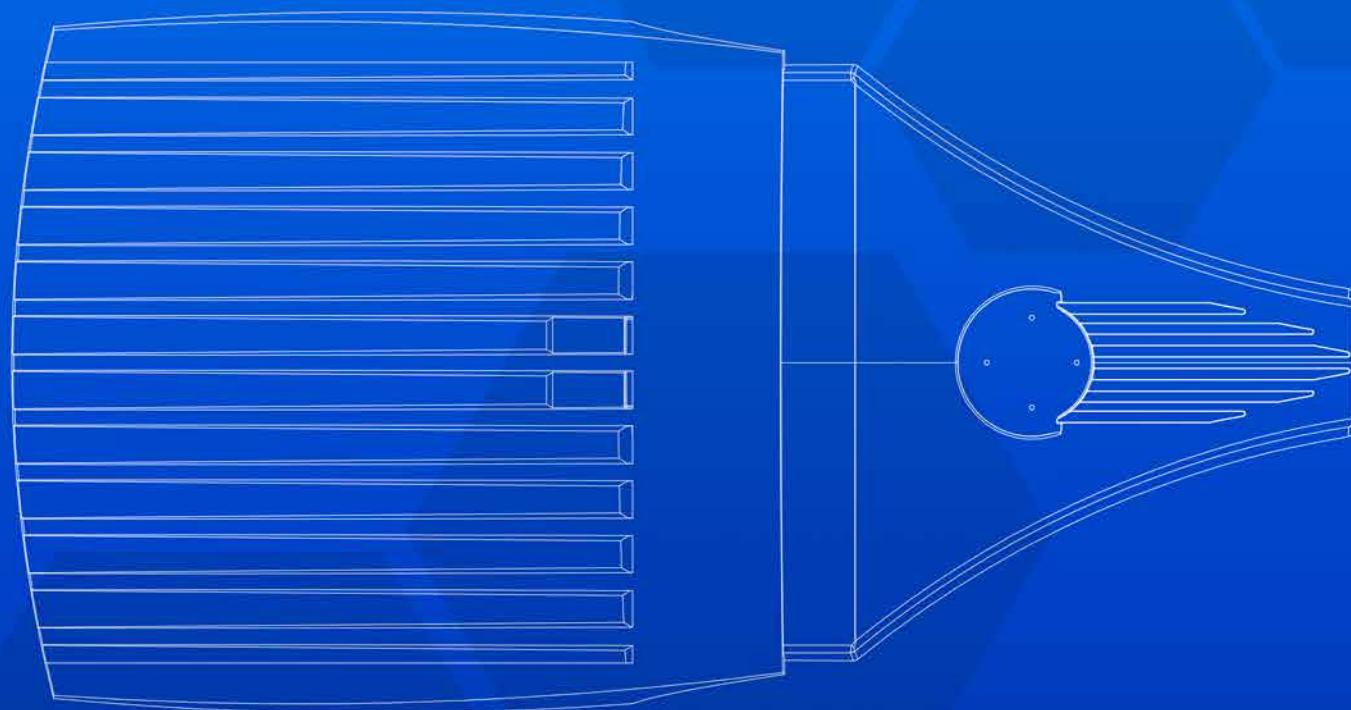
Dimensional Drawings
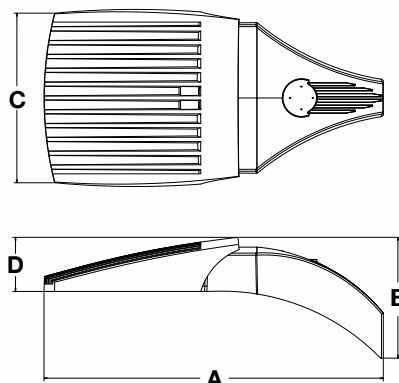
Fixture	A	B	C	D	Max. Watts	Lbs
VMX-1	29"	14"	15.5"	4"	219W	49

The new VMX LED Series offers clean, functional styling that is defined by its sleek low profile design and rugged construction. It combines LED performance and advanced LED thermal management technology and provides outdoor lighting that is both energy efficient and aesthetically pleasing.

The LED's performance and the driver's life are maximized by enclosing them in two separate cast aluminum housings. Easy tool-less access for mounting and maintenance.

The LED light assemblies come with 32 to 96 LEDs. Six optical distribution patterns are available. Choose between 4000 or 5000 Kelvin temperature of the LEDs.

A durable polyester powder coat finish is guaranteed for five years; and is available in standard or custom colors.

The VMX LED series is an exceptional choice for commercial parking lots, office complexes, architectural projects, and other general lighting projects.

Model	Optics	Source	Current	Kelvin	Voltage	Mounting	Finish	Options
VMX-1	Type II **(T2)**	# of LEDs	mA	4000K *Neutral white **(4K)**	120-277 *Universal voltage **(UNV)**	Arm Mount **(AM)**	Bronze **(BZ)**	Photocell & Receptacle *Specify voltage **(PCR120)** **(PCR208)** **(PCR240)** **(PCR277)** **(PCR480)**
	Type III **(T3)**	32 **(32LC)**	350 **(3)**				Black **(BK)**	
	Type IV **(T4)**	64 **(64LC)**	530 **(5)**	5000K *Cool white **(5K)**	480 **(5)**	Wall Mount *Cast Wall Plate (BAWP) to be ordered separately **(WM)**	Smooth Black **(SBK)**	Photo Receptacle **(PER)** *With shorting cap
	Type IV-A **(T4A)**	96 **(96LC)** *Not available in 1000mA	700 **(7)**		347 **(8)**		White **(WH)**	Round Pole Plate Adaptor For 3"Ø Pole **(RPP3)** For 4"Ø Pole **(RPP4)** For 5"Ø Pole **(RPP5)**
	Type V **(T5)**		1000 **(10)** *Not available in 96LC				Smooth White **(SWH)**	Cast Wall Plate **(BAWP)**
	Type V-W **(T5W)**						Graphite **(GP)**	0-10v Dimming Driver No Controls **(DIM)**
							Grey **(GY)**	Motion Sensor *Works with FSP-211 **(WSC-8)** 8' Mounting Height **(WSC-20)** 9-20' Mounting Height **(WSC-40)** 21-40' Mounting Height
					*347V & 480V no available in 32LC 350mA		Silver Metallic **(SL)**	Wireless Control Consult Factory **(WC)**
							Custom Color **(CC)**	Universal Pole Mount Adaptor **(UPMA)**

VMX DRILL DIAGRAM

2 1/2" Ø 3/8" Ø 1" Ø 3/8" 1"

*Round Pole Plate Adaptors (RPP) are to be ordered separately.

VISIONAIRE LIGHTING
Performance In A Whole New Light®

Housing
• Die cast aluminum LED housing with integral cooling fins for thermal management.

Mounting Arm/Driver Compartment
•Durable two-piece die cast aluminum driver compartment utilizes a tool-less push button latch for ease of maintenance and sealed with a one-piece silicone gasket.

Thermal Management
• The VMX series provides excellent thermal management by mounting the LEDs to the substantial heat sink of the housing. This enables the Luminaire to withstand higher ambient temperatures and driver currents without degrading LED life.
• The L70 test determines the point in an LEDs life when it reaches 70 percent of its initial output. The VMX series LEDs have been determined to last 100,000+ hours in 25° C environments when driven at 350 mA.

Optical System
• The highest lumen output, Evo/C LEDs are utilized in the VMX series. IES distribution Types II, III, IV, IV-A , V and V-W are available. The optical system qualifies as IES full cutoff to restrict light trespass, glare and light pollution.
• CRI values are 70 for 4000K and 75 for 5000K.

Quali-Guard® Finish
• The finish is a Quali-Guard® textured, chemically pretreated through a multiple-stage washer, electrostatically applied, thermoset polyester powder coat finish, with a minimum of 3-5 millimeter thickness. Finish is oven-baked at 400° F to promote maximum adherence and finish hardness. All finishes are available in standard and custom colors.
• Finish is guaranteed for five (5) years.

Electrical Assembly
• The VMX LED series is supplied with a choice of 350, 530, 700 or 1000* mA high-performance LED drivers that accept 120v thru 480v, 50 Hz to 60 Hz, input. Power factor of 90%. Rated for -40°C operations.

• 10 kV surge protector supplied as standard.

• Terminal block supplied as standard.

Warranty
• Five (5) year Limited Warranty on entire system, including finish. For full warranty information, please visit visionairelighting.com.

Options
• Photocell & receptacle

• Photo receptacle

• Round pole plate adapter

• Cast Wall Plate

• 0-10v Dimming Driver

• Motion Sensor

• Wireless Control

•Universal Pole Mount Adaptor

Listings
• The VMX Series is UL Listed

• IP65 Rated

• Powder Coated Tough

VMX LUMEN DATA								
# LEDs	mA	Type 2	Type 3	Type 4	Type 4A	Type 5	Type 5W	Watts
32	350	3879	4233	4075	4129	4598	3949	36
	530	5463	5962	5740	5815	6476	5562	55
	700	6914	7546	7264	7360	8196	7039	74
	1000	9652	10533	10140	10274	11441	9826	115
64	350	7046	7690	7403	7501	8353	7173	71
	530	9972	10883	10476	10615	11821	10152	109
	700	12661	13817	13301	13477	15008	12889	145
	1000	16625	18143	17466	17697	19707	16925	228
96	350	10313	11255	10835	10978	12225	10499	102
	530	14793	16143	15540	15746	17535	15059	163
	700	17638	19248	18529	18744	20907	17955	219

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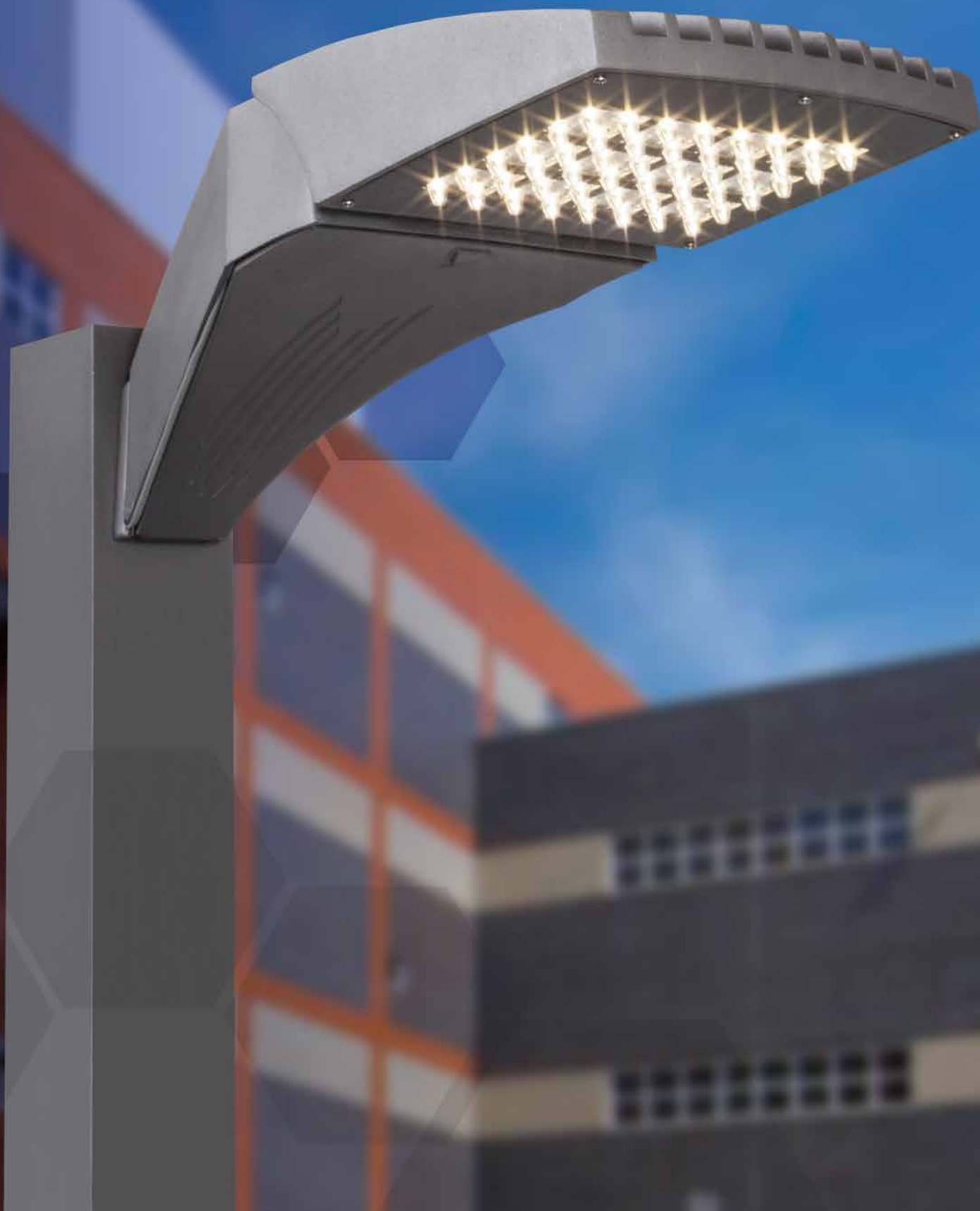*For 4000K multiply values by 0.95

EPA Data						
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VSX - LED Luminaire

The new VSX LED Series offers clean, functional styling that is defined by its sleek low profile design and rugged construction. It combines the latest LED performance and advanced LED thermal management technology, and provides lighting that is both energy efficient and aesthetically pleasing. Choose from 16 to 48 LEDs in one fixture size, that looks perfect with any of the LED configurations; thereby enabling the lighting designer to tailor the lighting to the application needs; while maintaining a uniform appearance throughout the entire project. Choose from a 2,000+ lumen package with life expectancy of well over 20 years; or 10,000+ lumens for your higher wattage needs.

For small scale general parking areas and pedestrian areas; the VSX LED series brings contemporary LED lighting design into the 21st century.

Fixture Construction
 • Cast aluminum housing with integrated heat sink for maximum thermal management of the LEDs for extreme long life of the LEDs.
• Two piece, tool-less entry, cast mounting arm and driver compartment for ease of mounting, and driver maintenance.
• A pole mounting design that simplifies the installation of the fixture.
• Engineered optical assemblies with six distribution patterns.

LED Technology
• 16 to 48 LEDs
• 350,530 or700 mA ratings.
• 2,000 to 10,000 lumen package available.
• 4000 or 5000 Kelvin for natural or white light.
• Full cutoff optics available in five distribution patterns.
• 50,000 to 100,000 hours or more of life for the LEDs
• Add dimming controls for increased cost savings and project flexibility.

 Applications
• The VSX LED Series is destined to become the standard for which LED area lights are measured. Simple flowing lines that house scalable LEDs that replace traditional HID fixtures; for a wide range of lighting applications. From small scale general parking and pedestrian areas; the VSX LED series is the transition of LED lighting into tomorrow.

VSX LED

Project Name:	Catalog Number:	Type

Dimensional Drawings
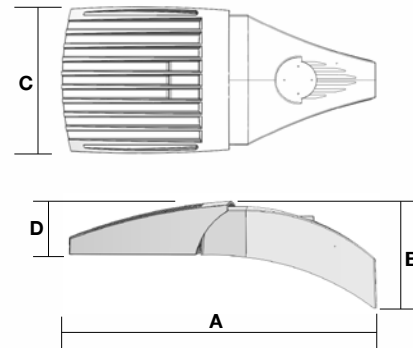
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Model	Optics	Source	Current	Kelvin	Voltage	Mounting	Finish	Options
VSX-1	Type II (T2)	# of LEDs	mA 350 (3)	4000K *Neutral white (4K)	120-277 *Universal voltage (UNV)	Arm Mount (AM)	Bronze (BZ)	Photocell & Receptacle *Specify voltage (PCR120) (PCR208) (PCR240) (PCR277)
	Type III (T3)	16 (16LC)	530 (5)	5000K *Cool white (5K)	480 (5)	Wall Mount *Cast Wall Plate (BAWP) to be ordered separately (WM)	Black (BK)	Photo Receptacle (PER) *With shorting cap
	Type IV (T4)	32 (32LC)	700 (7)		347 (8)		Smooth Black (SBK)	Round Pole Plate Adaptor For 3"Ø Pole (RPP3) For 4"Ø Pole (RPP4) For 5"Ø Pole (RPP5)
	Type V (T5)	48 (48LC)					White (WH)	Cast Wall Plate (BAWP)
	Type V-W (T5W)						Smooth White (SWH)	0-10v Dimming Driver No Controls (DIM)
							Graphite (GP)	Motion Sensor *Works with FSP-211 (WSC-8) 8' Mounting Height (WSC-20) 9-20' Mounting Height
							Grey (GY)	Wireless Control Consult Factory (WC)
							Silver Metallic (SL)	Universal Pole Mount Adaptor (UPMA)
							Custom Color (CC)	

VSX DRILL DIAGRAM

Ø 3/8"
Ø 1"
Ø 3/8"
2 1/2"
1"
1"

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Performance In A Whole New Light®

Housing
• Cast aluminum LED housing with integral cooling fins for thermal management.

Mounting Arm/Driver Compartment
•Durable two-piece die cast aluminum driver compartment utilizes a tool-less push button latch for ease of maintenance and sealed with a one-piece silicone gasket.

Thermal Management
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• The L70 test determines the point in an LEDs life when it reaches 70 percent of its initial output. The VSX series LEDs have been determined to last 100,000+ hours in 25° C environments when driven at 350 mA.

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• 10 kV surge protector supplied as standard.

• Terminal block supplied as standard.

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• Five (5) year Limited Warranty on entire system, including finish. For full warranty information, please visit visionairelighting.com.

Options
• Photocell & receptacle

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• Round pole plate adapter

• Cast Wall Plate

• 0-10v Dimming Driver

• Motion Sensor

• Wireless Control

• Universal Pole Mount Adaptor

Listings
• Powder Coated Tough.

POWDER COATED **TOUGH**™

VSX 5K Lumen Data *All lumen data subject to change.					
# LEDs	mA	Type 2	Type 3	Type 4	Watts
16	350	2045	2066	2011	19
	530	2761	2789	2716	27
	700	3265	2915	3182	38
32	350	4027	4067	3960	36
	530	5769	5827	5673	54
	700	7205	7277	7086	73
48	350	5693	5750	5599	52
	530	8254	8336	8117	81
	700	10091	10192	9923	107

Visit www.VisionaireLighting.com for up-to-the-minute chart information, including types not listed here.
* For 4000K multiply values by 0.90

V-Bollard™ Architectural LED Luminaire / Bollard

The new **V-Bollard** LED Luminaire from Visionaire combines unique contemporary design with new LED technology and provides optimum lighting and energy savings over traditional lighting systems. Choose the Architectural LED Luminaire for pedestrian scale or the bollard for low level applications.

LED Technology
- 16L to 48L LED's in the single or up to 96 in the double available in 350, 530, 700 or 1000 mA ratings.
- 4000 or 5000 Kelvin for natural or white light.
- Full cutoff optics available in six distribution patterns.
- 50,000 to 140,000 hours of life for the LED's

Construction
- Cast aluminum construction throughout provides lasting durability for the V-Bollard - LED series.
- The separate driver compartment allows for cooler operation and longer life of the driver.
- Driver maintenance is simplified with quick disconnects provided as a standard feature.
- The LED's are mounted to an cast aluminum heat sink built to draw heat away from the LED junction points for extended LED life; and are housed totally independent from the driver.
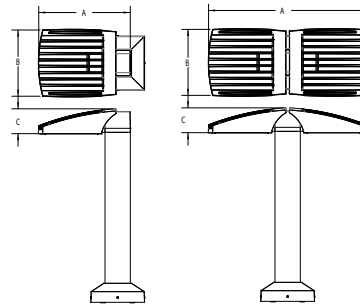
Applications
- The V-Bollard - LED series can be used for a variety of lighting projects.
- Low level lighting for pathways and landscape lighting
- Higher level lighting for pedestrian and walkway lighting
- 19 to 117 watts of energy efficient lighting in single light engine version.

V-Bollard LED

Dimensional Drawings

Fixture	A	B	C	Max. LEDs	Lbs
VBL-1 Single	14.5"	10.5"	4"	48	27
VBL-1 Double	25"	10.5"	4"	96	40

The new V-Bollard LED Series continues the unique contemporary design inspired by the sleek styling of the V Collection. Separating the Driver(s) from the individual cast aluminum LED engines: optimize the life of the LEDs and the Driver(s); and maximizes the lumen output of the fixture.

The LED light assemblies come in multiples of 16, 32 or 48 LEDs; and are offered in up to 96 LED's.

Six optical distribution patterns are available. Choose between 4000 or 5000 Kelvin temperature of the LED's.

A durable polyester powdercoat finish is guaranteed for five years; and is available in standard or custom colors.

The V-Bollard LED series is an exceptional choice for low level or pedestrian scale lighting applications.

Model	Height	Optics	Source	Config.	Current	Kelvin	Voltage	Mounting	Finish	Options
VBL-1	3 FT. (3) 4 FT. (4)	Type I (T1) Type II (T2) Type III (T3) Type IV (T4) Type V (T5) Type V-W (T5W)	# of LEDs 16 (16LC) *Not Available in double configuration 32 (32LC) 48 (48LC) 64 (64LC) 96 (96LC)	Single (S) Double (D)	mA 350 (3) 530 (5) 700 (7) 1000* (10) *1000mA not available for 48LC single or 96LC double	4000K *Neutral white (4K) 5000K *Cool white (5K)	120-277 *Universal voltage (UNV)	Anchor Base (ANCHOR BOLT KIT SUPPLIED) (AB)	Bronze (BZ) Black (BK) Smooth Black (SBK) White (WH) Smooth White (SWH) Graphite (GP) Grey (GY) Silver Metallic (SL) Custom Color (CC)	Button Type Photocell *Specify voltage (PC120) (PC208) (PC240) (PC277) 0-10v Dimming Driver No Controls (DIM)

VISIONAIRE LIGHTING
Performance In A Whole New Light

V-Bollard LED

Housing
• Cast aluminum LED housing with integral cooling fins for thermal management. The 4" extruded pole contains the driver(s), allowing for cooler operation and longer life. Silicone gasketing is utilized throughout the fixture for weather tight operation.

Thermal Management
• The V-Bollard Series provides excellent overall thermal management by maximizing the fixture's heat sink capabilities. This enables the V-Bollard Series to withstand higher ambient temperatures and drive currents without degrading LED life. The V-Bollard Series has a very low thermal resistance rating.

• The L70 test determines the point in an LEDs life when it reaches 70 percent of its initial output. The V-Bollard Series LEDs have been determined to last a minimum of 100,000 hours in 25° C environments when driven at 350 mA.

Optical System
• The highest lumen output, Evo/C LEDs are utilized in the V-Bollard Series. IES distribution Types I, II, III, IV, V and V-W are available. LED light assemblies come in multiples of 16 LEDs. The optical system qualifies as IES full cutoff; and is Dark-Sky friendly to restrict light trespass, glare and light pollution. CRI values are 70 for 4000K and 75 for 5000K.

Quali-Guard® Finish
• The finish is a Quali-Guard® textured, chemically pretreated through a multiple-stage washer, electrostatically applied, thermoset polyester powder coat finish, with a minimum of 3-5 millimeter thickness. Finish is oven-baked at 400º F to promote maximum adherence and finish hardness. All finishes are available in standard and custom colors. Finish is guaranteed for five (5) years

Mounting
The V-Bollard Luminaire is easily attached to the pole by 2 tamper-proof countersunk screws.

Electrical Assembly
• The V-Bollard LED series is supplied with a choice of 350, 530, 700 or 1000 mA high-performance LED drivers that accept 120v, 50 Hz to 60 Hz, input. Power factor of 90%. Rated for -40°C operations.
• 10 kV surge protector supplied as standard.

Warranty
• Five (5) year Limited Warranty on entire system, including finish. For full warranty information, please visit VisionaireLighting.com.

Options
• Button Type Photocell
• 0-10v Dimming Driver

Listings
• The V-Bollard is UL Listed, suitable for wet locations.
• IP 65 Rated (Pending)
• RoHS Compliant
• Powder Coated Tough.

	Number of Sides	# of LEDs	mA	TYPE 1	TYPE 2	TYPE 3	TYPE 4	TYPE 5	TYPE 5W	WATTAGE
VBL-1	1	16	350	1791	1828	1632	1781	1991	1949	19
			530	2521	2574	2298	2508	2802	2744	28
			700	3199	3265	2915	3182	3556	3481	38
			1000	4000	4083	3645	3979	4446	4352	59
VBL-1	1	32	350	3582	3656	3264	3563	3981	3897	38
			530	5043	5147	4596	5016	5605	5487	56
			700	6398	6531	5831	6365	7112	6962	75
			1000	7999	8166	7290	7958	8892	8705	117
VBL-1	1	48	350	5373	5484	4896	5344	5972	5846	58
			530	7564	7721	6893	7524	8408	8231	83
			700	9597	9796	8746	9547	10668	10443	113

V-Bollard Lumen 5K Data

Visit www.VisionaireLighting.com for up-to-the-minute chart information, including types not listed here.
* For 4000K multiply values by 0.90

V Sconce - LED Luminaire

The new V Sconce LED Series offers clean, functional styling that is defined by its sleek low profile design and rugged construction. It combines the latest LED performance and advanced LED thermal management technology, and provides lighting that is both energy efficient and aesthetically pleasing. Choose from 16 to 48 LEDs that looks perfect with any of the LED configurations; thereby enabling the lighting designer to tailor the lighting to the application needs; while maintaining a uniform appearance throughout the entire project. Choose from a 1,600 to 9,500+ lumen package with life expectancy of well over 20 years or 100,000 hours of operation.

For general wall mount and pedestrian areas the V Sconce LED series brings contemporary LED lighting design into the 21st century.

Fixture Construction
· Cast aluminum housing with integrated heat sink for maximum thermal management of the LEDs for extreme long life of the LEDs.
· A wall mounting design that simplifies the installation of the fixture.
· Engineered optical assemblies with three distribution patterns.

LED Technology
· 16 to 48 LEDs
· 350,530,700 or 1000 mA ratings.
· 1,600 to 9,500 lumens package available.
· 4000 or 5000 Kelvin for natural or white light.
· Full cutoff optics available in three distribution patterns.
· 69,000 to 126,000 hours or more of life for the LEDs

Applications
· The V Sconce LED Series is destined to become the standard for which LED lights are measured. Simple flowing lines that house scalable LEDs that replace traditional HID fixtures; for a wide range of lighting applications. From shopping centers to auto dealerships, college campuses; the V Sconce LED series is the transition of LED lighting into tomorrow.

V-Sconce LED
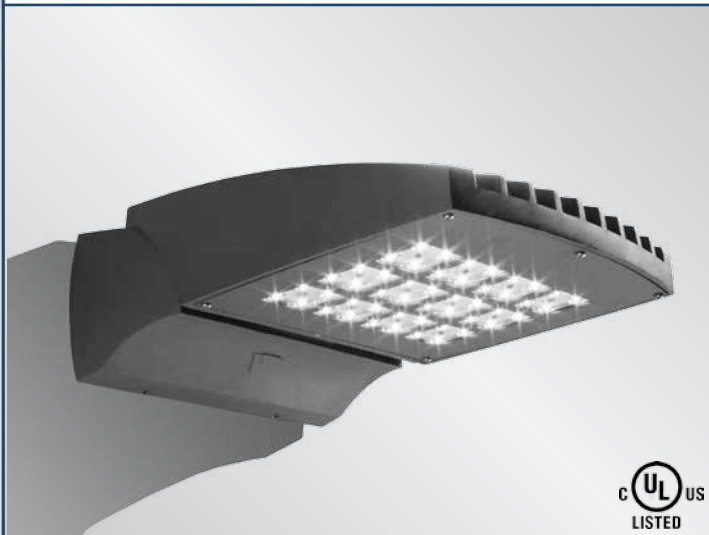
Dimensional Drawings
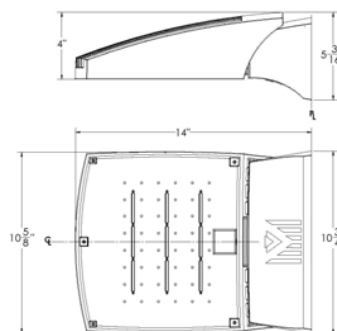
Fixture	A	B	C	Max. LEDs	Lbs
VSC-1	14"	5"	10.5"	48	20

The new V-Sconce LED wall mount Series continues the unique contemporary design that is inspired by the VLX area light series. It combines LED performance and advanced LED thermal management technology and provides lighting that is energy efficient and aesthetically pleasing.

The LED's performance and the driver's life are maximized by enclosing them in two separate cast aluminum housings.

Easy access for mounting and maintenance.

The LED light assemblies come with 16, 32, or 48 LEDs. Three optical distribution pattern are available. Choose between 4000 or 5000 Kelvin temperature for the LEDs.

A durable polyester powder coat finish is guaranteed for five years; and is available in standard or custom colors.

The V-Sconce Series is an exceptional choice for office complexes, schools, commercial buildings, and many architectural projects.

Model	Optics	Source	Milliamps	Kelvin	Voltage	Mounting	Finish	Options
VSC-1	Type II **(T2)** Type III **(T3)** Type IV **(T4)**	**# of LEDs** 16 **(16LC)** *Not available in 700mA 32 **(32LC)** 48 **(48LC)**	**mA** 350 **(3)** 530 **(5)** 700 **(7)** 1000* **(10)** *1000mA not available for 48LC	4000K *Neutral white **(4K)** 5000K *Cool white **(5K)**	120-277 *Universal voltage **(UNV)**	WallMount **(WM)** Conduit Box **(VCB)**	Bronze **(BZ)** Black **(BK)** White **(WH)** Graphite **(GP)** Silver Metallic **(SL)** Custom Color **(CC)**	Button Type Photocell *Specify voltage. **(PC120) (PC208) (PC240) (PC277)** *Not available with (EBPL) Emergency Battery Pack **(EBPL)** Motion Sensor **(MS)** 0-10 Volt Dimming Driver **(DIM)** Up-Light Orientation **(UP)** *Not available with motion sensor (MS)

VISIONAIRE LIGHTING
Performance In A Whole New Light

Housing

• Cast aluminum LED housing with integral cooling fins for thermal management.

Mounting/Driver Compartment

•Durable two-piece cast aluminum driver compartment utilizes a quick mount/set screw mounting for ease of maintenance and sealed with a one-piece gasket.

Thermal Management

• The V-Sconce series provides excellent thermal management by mounting the LEDs to the substantial heat sink of the housing. This enables the Luminaire to withstand higher ambient temperatures and driver currents without degrading LED life.

• The L70 test determines the point in an LEDs life when it reaches 70 percent of its initial output. The V Sconce series LEDs have been determined to last 100,000+ hours in 25° C environments when driven at 350 mA.

Optical System

• The highest lumen output, Evo/C LEDs are utilized in the V Sconce series. IES distribution Types II, III and IV are available. The optical system qualifies as IES full cutoff to restrict light trespass, glare and light pollution.

• CRI values are 70.

Quali-Guard® Finish

• The finish is a Quali-Guard® textured, chemically pretreated through a multiple-stage washer, electrostatically applied, thermoset polyester powder coat finish, with a minimum of 3-5 millimeter thickness. Finish is oven-baked at 400° F to promote maximum adherence and finish hardness. All finishes are available in standard and custom colors.

• Finish is guaranteed for five (5) years.

Electrical Assembly

• The V-Sconce LED series is supplied with a choice of 350, 530, 700 or 1000 mA high-performance LED drivers that accept 120v thru 480v, 50 Hz to 60 Hz, input. Power factor of 90%. Rated for -40°C operations.

• 10 kV surge protector supplied as standard.

Warranty

• Five (5) year Limited Warranty on entire system, including finish. For full warranty information, please visit visionairelighting.com.

Options

• Button Type Photocell
• Emergency Battery Pack
• Motion Sensor
• 0-10 Volt Dimming Driver
• Up-Light Orientation

Listings

• The V-Sconce is UL listed, suitable for wet locations.
• IP65 Rated
• Powder Coated Tough
• DLC Listed

DesignLights Consortium (DLC) qualified Product. Some configurations of this product family may not be DesignLights Consortium (DLC) listed, please refer to the DLC qualified products list to confirm listed configurations. http://www.designlights.org/

V Sconce 5K Lumen Data

# LEDs	mA	Type 2	Type 3	Type 4	Watts
16	350	2045	2066	2011	19
	530	2761	2789	2716	27
	1000	4965	5014	4882	58
32	350	4027	4067	3960	36
	530	5769	5827	5673	54
	700	7205	7277	7086	73
	1000	9562	9658	9403	111
48	350	5693	5750	5599	52
	530	8254	8336	8117	81
	700	10091	10192	9923	107

Visit www.VisionaireLighting.com for up-to-the-minute chart information, including types not listed here.
* For 4000K multiply values by 0.90

V-Flood - LED Luminaire

The new V Flood LED Series offers clean, functional styling that is defined by its sleek low profile design and rugged construction. It combines the latest LED performance and advanced LED thermal management technology, and provides lighting that is both energy efficient and aesthetically pleasing. Choose from 16 to 48 LEDs that looks perfect with any of the LED configurations; thereby enabling the lighting designer to tailor the lighting to the application needs; while maintaining a uniform appearance throughout the entire project. Choose from a 2,000 to 10,000+ lumen package with life expectancy of well over 20 years or 100,000 hours of operation.

Fixture Construction
· Cast aluminum housing with integrated heat sink for maximum thermal management of the LEDs for extreme long life of the LEDs.
· Two mounting options for ease of installation.
· Engineered optical assemblies with two distribution patterns.

LED Technology
· 16 to 48 LEDs
· 350,530,700 or 1000 mA ratings.
· 2,000 to 10,000 lumen package available.
· 4000 or 5000 Kelvin for natural or white light.
· Two optical distribution patterns.
· 60,000 to 100,000 hours or more of life for the LEDs

Applications
· The V-Flood LED Series is destined to become the standard for which LED lights are measured. Simple flowing lines that house scalable LEDs that replace traditional HID fixtures; for a wide range of lighting applications. For sign lighting, building lighting, and other flood lighting applications, the V Flood LED series is the transition of LED lighting into tomorrow.
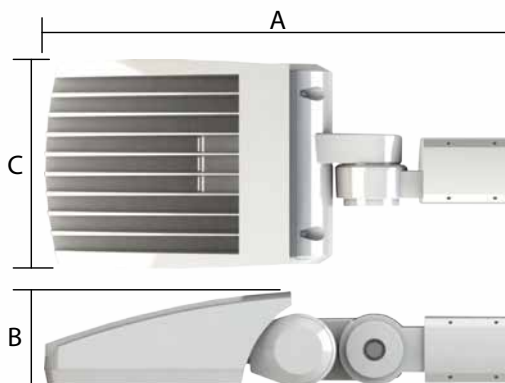
V-Flood LED

Project Name: Catalog Number: Type

Dimensional Drawings

Fixture	A	B	C	Max. Watts	Lbs
VSF-1	23.75"	4.75	10.5	108	40

The new V-Flood LED Series offers clean, functional styling that is defined by its sleek low profile design and rugged construction. It combines LED performance and advanced LED thermal management technology and provides outdoor lighting that is both energy efficient and aesthetically pleasing.

The LED's performance and the driver's life are maximized by enclosing them in two separate cast aluminum housings. Sturdy Knuckle or Trunnion mount options.

The LED light assemblies come with 16 to 48 LED's. Two optical distribution patterns are available. Choose between 4000 or 5000 Kelvin temperature of the LEDs.

A durable polyester powder coat finish is guaranteed for five years; and is available in standard or custom colors.

The V-Flood LED series is an exceptional choice for building lighting, sign lighting, and other flood lighting applications.

Model	Optics	Source	Current	Kelvin	Voltage	Mounting	Finish	Options
VSF-1	Type FN 20° **(FN)** Type FM 40° **(FM)**	# of LEDs 16 **(16LC)** 32 **(32LC)** 48 **(48LC)**	mA 350 **(3)** 530 **(5)** 700 **(7)**	4000K *Neutral white* **(4K)** 5000K *Cool white* **(5K)**	120-277 *Universal voltage* **(UNV)** 480 **(5)** 347 **(8)**	Knuckle Mount *Slips over 2 3/8" Tenon with adjustable Increments of 10˚* **(KM)** Adjustable Wall Mount **(AWM)** Trunnion Mount **(TM)**	Bronze **(BZ)** Black **(BK)** Smooth Black **(SBK)** White **(WH)** Smooth White **(SWH)** Graphite **(GP)** Grey **(GY)** Silver Metallic **(SL)** Custom Color **(CC)**	Button Type Photocell *Specify voltage.* **(PC120)** **(PC208)** **(PC240)** **(PC277)** 0-10v Dimming Driver *No Controls* **(DIM)**

VISIONAIRE LIGHTING
Performance In A Whole New Light®

Housing

· Die cast aluminum LED housing with integral cooling fins for thermal management.

Mounting Arm/Driver Compartment

·Durable cast aluminum driver compartment opens for easy access to removable driver(s) for ease of maintenance, and cooler driver operation; and are sealed with one-piece silicone gaskets.

Thermal Management

· The V-Flood series provides excellent thermal management by mounting the LED's to the substantial heat sink of the housing. This enables the Luminaire to withstand higher ambient temperatures and driver currents without degrading LED life.

· The L70 test determines the point in an LEDs life when it reaches 70 percent of its initial output. The V-Flood series LED's have been determined to last 80,000+ hours in 25° C environments when driven at 350 mA.

Optical System

· The highest lumen output, Evo/C LEDs are utilized in the V-Flood series. Type FN 20° and FM 40° optical patterns are available.

· CRI values are 70 for 4000K and 75 for 5000K.

Quali-Guard Finish

· The finish is a Quali-Guard textured, chemically pretreated through a multiple-stage washer, electrostatically applied, thermoset polyester powder coat finish, with a minimum of 3-5 millimeter thickness. Finish is oven-baked at 400º F to promote maximum adherence and finish hardness. All finishes are available in standard and custom colors.

· Finish is guaranteed for five (5) years.

Electrical Assembly

· The V-Flood LED series is supplied with a choice of 350,530 or 700 mA high-performance LED drivers that accept 120v thru 480v, 50 Hz to 60 Hz, input. Power factor of 90%. Rated for -40 oC operations.

· 10 kV surge protector supplied as standard.

Warranty

· Five (5) year Limited Warranty on entire system, including finish. For full warranty information, please visit VisionaireLighting.com.

Options

· Button Type Photocell

· 0-10v Dimming Driver

Listings

· The V-Flood is UL Listed, suitable for wet locations. (Pending)

· IP 65 Rated (Pending)
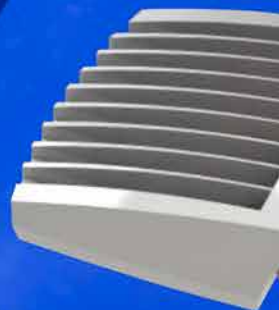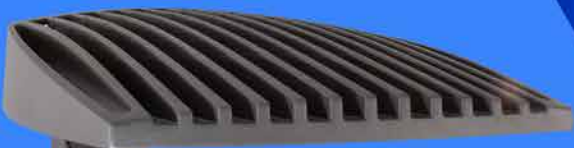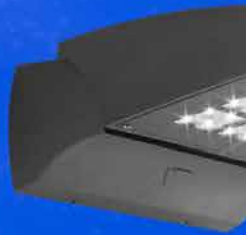
· RoHS Compliant

· Powder Coated Tough.

POWDER COATED **TOUGH**™

V-Flood Lumen Data *All lumen data subject to change.

# of LEDs	mA	TYPE FN 20°	TYPE FM 40°	WATTAGE
16	350	2265	2285	18
	530	3117	3144	26
	700	4095	4131	37
32	350	4559	4599	35
	530	6317	6372	52
	700	7923	7992	71
48	350	6847	6907	56
	530	9520	6903	80
	700	10709	10803	102

Visit www.visionairelighting.com for up-to-the-minute chart information, including types not listed here.
* For 4000K multiply values by 0.90