

VIPER Area/Site

VIPER LUMINAIRE AMBER

OPTICS
STRIKE

FEATURES

- Low profile LED area/site luminaire with a variety of IES distributions for lighting applications such as auto dealership, retail, commercial, and campus parking lots
- Uses true amber LED's unlike phosphor-converted amber LED's which still produce blue wavelength light that can still be disruptive to wildlife
- Rated for high vibration applications including bridges and overpasses. All sizes are rated for 1.5G
- Control options including photo control, occupancy sensing, NX Lighting Controls™, LightGrid+ and 7-Pin with networked controls
- Specially designed amber-colored LEDs produce light with a narrow spectral distribution that minimizes disruption to sea turtles and other wildlife
- LED's have a peak wavelength between 589-595 nm and a width of no more than 20nm at 50% power



CONTROL TECHNOLOGY



SPECIFICATIONS

CONSTRUCTION

- Die-cast housing with hidden vertical heat fins are optimal for heat dissipation while keeping a clean smooth outer surface
- Corrosion resistant, die-cast aluminum housing with 1000 hour powder coat paint finish
- External hardware is corrosion resistant

OPTICS

- Strike Optics (36, 72, 108, or 162 LED counts) provide best in class distributions and maximum pole spacing in new applications with high powered LEDs. Strike optics are held in place with a polycarbonate bezel
- Strike optics maximize target zone illumination with minimal losses at the house-side, reducing light trespass issues. Additional backlight control shields and house side shields can be added for further reduction of illumination behind the pole
- One-piece silicone gasket ensures a weatherproof seal
- Zero up-light at 0 degrees of tilt
- Field rotatable optics

INSTALLATION

- Mounting patterns for each arm can be found on page 8
- Optional universal mounting block for ease of installation during retrofit applications. Available as an option (ASQU) or accessory for square and round poles
- All mounting hardware included
- Knuckle arm fitter option available for 2-3/8" OD tenon
- For products with EPA less than 1 mounted to a pole greater than 20ft, a vibration damper is recommended

ELECTRICAL

- Universal 120-277 VAC or 347-480 VAC input voltage, 50/60 Hz
- Ambient operating temperature -40°C to 40°C
- Drivers have greater than 90% power factor and less than 20% THD
- LED drivers have output power over-voltage, over-current protection and short circuit protection with auto recovery
- Field replaceable surge protection device provides 20kA protection meeting ANSI/IEEE C62.41.2 Category C High and Surge Location Category C3; Automatically takes fixture off-line for protection when device is compromised
- Dual Driver option provides 2 drivers within luminaire but only one set of leads exiting the luminaire, where Dual Power Feed provides two drivers which can be wired independently as two sets of leads are extended from the luminaire. Both options cannot be combined

CONTROLS

- Occupancy sensor programmable controls, and Zigbee wireless controls available for complete on/off and dimming control
- Please consult brand or sales representative when combining control and electrical options as some combinations may not operate as anticipated depending on your application
- 7-pin ANSI C136.41-2013 photocontrol receptacle option available for twist lock photocontrols or wireless control modules (control accessories sold separately)
- 0-10V Dimming Drivers are standard and dimming leads are extended out of the luminaire unless control options require connection to the dimming leads. Must specify if wiring leads are to be greater than the 6" standard

CONTROLS (CONTINUED)

- NX Lighting Controls™ available with in fixture wireless control module, features dimming and occupancy sensor
- LightGrid+ available with in fixture wireless control module, features dimming and occupancy sensor. Also available in 7-pin configuration

CERTIFICATIONS

- Meets FWC Guidelines for sea turtle nesting at coastal environments when combined with shielding
- Listed to UL1598 and CSA C22.2#250.0-24 for wet locations and 40°C ambient temperatures
- 1.5 G rated for ANSI C136.31 high vibration applications
- Fixture is IP65 rated
- This product meets federal procurement law requirements under the Buy American Act (FAR 52.225-9) and Trade Agreements Act (FAR 52.225-11). See Buy America(n) Solutions (currentlighting.com/resources/america-solutions).

WARRANTY

- 5 year warranty

KEY DATA	
Lumen Range	1421–13,610
Wattage Range	15–280
Efficacy Range (LPW)	48–84
Weight lbs. (kg)	13.7–30.9 (6.2–13.9)

VIPER Area/Site

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STRIKE OPTIC – ORDERING GUIDE – AMBER ONLY

Example: VP-ST-1-36L-30-AM-2-UNV-A-BLT

CATALOG #

VP							
Series	Optic Platform	Size	Light Engine	CCT/CRI	Distribution	Optic Rotation	Voltage
VP Viper	ST Strike	1 Size 1	36L-15 1,500 Lumens ¹ 36L-20 1,700 Lumens ¹ 36L-25 2,000 Lumens ¹ 36L-30 2,250 Lumens ¹ 36L-40 2,500 Lumens 36L-50 2,800 Lumens 36L-65 3,000 Lumens	AM monochromatic amber, 595nm	FR Auto Front Row 2 Type 2 3 Type 3 4F Type 4 Forward 4W Type 4 Wide 5QN Type 5 Square Narrow 5QW Type 5 Square Wide 5QM Type 5 Square Medium 5W Type 5 Wide (Round) 5RW Type 5 Rectangular C Corner Optic TC Tennis Court Optic	BLANK No Rotation L Optic rotation left R Optic rotation right	UNV 120-277V 120 120V 208 208V 240 240V 277 277V 347 347V ² 480 480V ²
		2 Size 2	72L-35 2,900 Lumens ¹ 72L-45 3,500 Lumens ¹ 72L-55 4,000 Lumens 72L-65 4,500 Lumens 72L-80 5,000 Lumens 72L-100 5,600 Lumens 72L-125 6,000 Lumens				
		3 Size 3	108L-80 6,000 Lumens ¹ 108L-105 7,000 Lumens 108L-130 8,000 Lumens 108L-185 9,000 Lumens				
		4 Size 4	162L-120 9,000 Lumens 162L-155 10,500 Lumens 162L-200 12,000 Lumens 162L-280 13,500 Lumens				

Mounting	Color	Options	Network Control Options
A Arm mount for square pole/flat surface A_ Arm mount for round pole ³ ASQU Universal arm mount for square pole A_U Universal arm mount for round pole ³ AAU Adjustable arm for pole mounting (universal drill pattern) AA_U Adjustable arm mount for round pole ³ ADU Decorative upswept Arm (universal drill pattern) AD_U Decorative upswept arm mount for round pole ³ MAF Mast arm fitter for 2-3/8" OD horizontal arm K Knuckle T Trunnion WB Wall Bracket, horizontal tenon with MAF WM Wall mount bracket with decorative upswept arm WA Wall mount bracket with adjustable arm	BLT Black Matte Textured BLS Black Gloss Smooth DBT Dark Bronze Matte Textured DBS Dark Bronze Gloss Smooth GTT Graphite Matte Textured LGS Light Grey Gloss Smooth LGT Light Grey Gloss Textured PSS Platinum Silver Smooth WHT White Matte Textured WHS White Gloss Smooth VGt Verde Green Textured Color Option CC Custom Color	F Fusing 2PF Dual Power Feed 2DR Dual Driver TE Toolless Entry BC Backlight Control TB Terminal Block	NXWS16F NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming ⁴ NXWS40F NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming ⁴ NXW NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor ⁴ WIR LightGRID+ In-Fixture Module ⁴ WIRSC LightGRID+ Module and Occupancy Sensor ⁴ Stand Alone Sensors BTS-14F Bluetooth® Programmable, BTSMP-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens BTS-40F Bluetooth® Programmable, BTSMP-HMO PIR Occupancy Sensor with Automatic Dimming® Photocell and 360° Lens BTSO-12F Bluetooth® Programmable, BTSMP-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens 7PR 7-Pin Receptacle ⁵ 7PR-SC 7-Pin Receptacle with shorting cap ⁵ 3PR 3-Pin twist lock ⁵ 3PR-SC 3-Pin receptacle with shorting cap ⁵ 3PR-TL 3-Pin PCR with photocontrol ⁵ Programmed Controls ADD AutoDim Timer Based Dimming ⁵ ADT AutoDim Time of Day Dimming ⁵ SCP_ F Sensor Control Programmable, 8F or 40 ⁶

1 – Not available with Dual Driver option
 2 – Consult factory for availability in 347 or 480
 3 – Replace “_” with “3” for 3.5”–4.13” OD pole, “4” for 4.18”–5.25” OD pole, “5” for 5.5”–6.5” OD pole
 4 – Networked Controls cannot be combined with other control options

5 – Not available with 2PF option
 6 – At least one SCPREMOTE required to program SCP motion sensor. Must select 8ft or 40ft
 7 – Not available with 347 or 480V

VIPER Area/Site

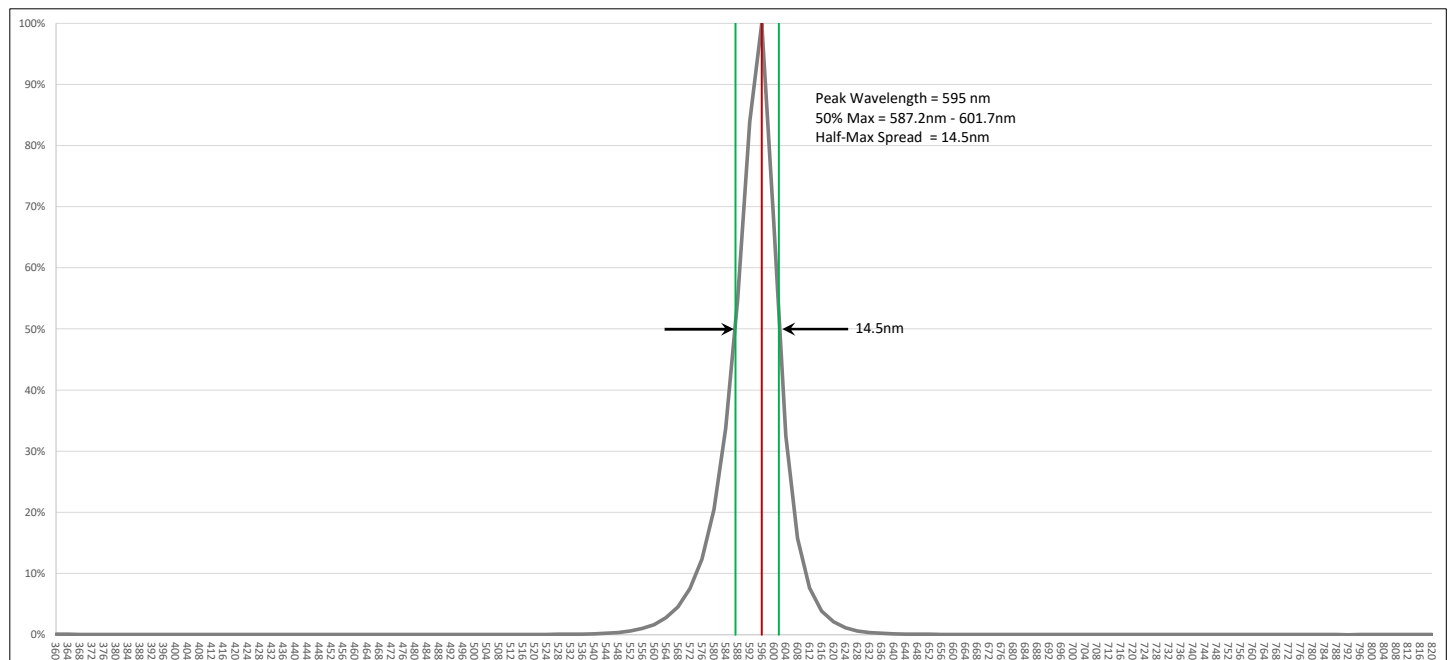
VIPER LUMINAIRE AMBER

STRIKE OPTIC – ORDERING GUIDE – AMBER ONLY (CONTINUED)

CATALOG #

Accessory Type	Size	Option	Color	Current Control Solutions — Accessories (Sold Separately)
SHD Shield	1 Size 1 2 Size 2 3 Size 3 4 Size 4	HSS-90-B House Side Shield 90° Back HSS-90-F House Side Shield 90° Front HSS-90-S House Side Shield 90° Side HSS-270-BSS House Side Shield 270° Back/Side/Side HSS-270-FSS House Side Shield 270° Front/Side/Side HSS-270-FSB House Side Shield 270° Front/Side/Back HSS-360 House Side Shield 360° BC Back Light Control A Arm Mount for square pole/flat surface ASQU Universal Arm Mount for square pole AAU Adjustable Arm for pole mounting ADU Decorative upswept Arm RPA Round Pole Adapter MAF Mast Arm Fitter for 2-3/8" OD horizontal arm K Knuckle T Trunnion WB Wall Bracket (compatible with universal arm mounts)	BLS Black Gloss Smooth BLT Black Matte Textured DBS Dark Bronze Gloss Smooth DBT Dark Bronze Matte Textured GTT Graphite Matte Textured LGS Light Gray Gloss Smooth PSS Platinum Silver Smooth WHS White Gloss Smooth WHT White Matte Textured VGT Green Landscape Decorative LEG Legacy Colors Color Option CC Custom Color	
MTG Mounting				NX Lighting Controls ☐ NXOFM-1R1D-UNV On-fixture Module (7-pin), On / Off / Dim, Daylight Sensor with NX Radio and Bluetooth® Radio, 120–480VAC LightGRID+ Lighting Control ☐ WIR-RME-L On-fixture Module (7-pin or 5-pin), On / Off / Dim, Daylight Sensor with LightGRID+ Radio, 110–480VAC ☐ SCP-REMOTE Remote Control for SCP/_F option. Order at least one per project to program and control the occupancy sensor For additional information related to these accessories please visit currentlighting.com/beacon . Options provided for use with integrated sensor, please view specification sheet ordering information table for details.
MSC Miscellaneous		BIRD SPK Bird Spike		

SPECTRAL CHART



OUTDOOR LIGHTING CONTROLS OPTIONS

CONTROLS FUNCTIONALITY

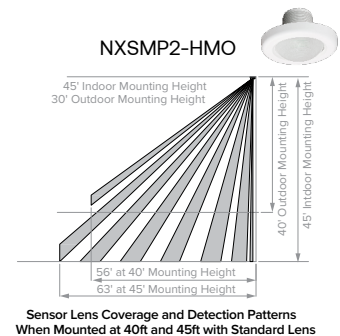
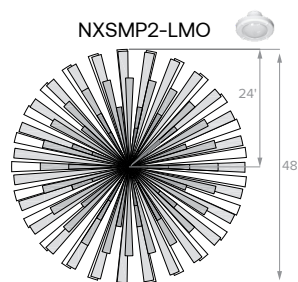
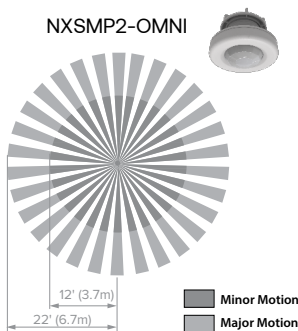
	Control Option Ordering Logic & Description	Control Option Functionality									Control Option Components
		Networkable	Grouping	Scheduling	Occupancy/Motion	Daylight Harvesting	0-10V Dimming	On/Off Control	Bluetooth App Programming	Sensor Height	
NX Wireless	NXOFMIRID-UNV	✓	✓	✓	Paired with external control	✓	✓	✓	✓	-	 NXOFM-1R1D-UV
	NXW	✓	✓	✓	-	-	✓	✓	✓	-	 NXRM2-H
	NXWS12F	✓	✓	✓	✓	✓	✓	✓	✓	12ft	 NXSMP2-OMNI-O
	NXWS16F	✓	✓	✓	✓	✓	✓	✓	✓	16ft	 NXSMP2-LMO
	NXWS40F	✓	✓	✓	✓	✓	✓	✓	✓	40ft	 NXSMP2-HMO
LightGRID+	WIR	✓	-	✓	-	-	✓	✓	Gateway	-	 WIR
	WIR-RME-L	✓	-	✓	-	-	✓	✓	Gateway	-	 WIR-RME-L
	WIRSC	✓	✓	✓	✓	✓	✓	✓	Gateway	14ft - 40ft	BTMSP
Independent	BTSO-12F	-	-	-	✓	✓	✓	✓	✓	12ft	 BTSMP-OMNI-O
	BTS-14F	-	-	-	✓	✓	✓	✓	✓	14ft	 BTSMP-LMO
	BTS-40F	-	-	-	✓	✓	✓	✓	✓	40ft	 BTSMP-HMO

DEFAULT SETTINGS

NX Wireless	Occupancy Sensor	Enabled
	Occupancy Sensor Sensitivity	7
	Occupancy Sensor Timeout	15 Minutes
	Occupied Dim Level	100%
	Unoccupied Dim Level	0%
	Daylight Sensor	Disabled
	Bluetooth	Enabled
	2.4GHz Wireless Mesh	On
	"Passcode Factory Passcode: HubbN3T!"	Enabled

Stand Alone	Occupancy Sensor	Enabled
	Occupancy Sensor Sensitivity	7
	Occupancy Sensor Timeout	8 Minutes
	Occupied Dim Level	100%
	Unoccupied Dim Level	50%
	Daylight Sensor	Disabled

NX WIRELESS COVERAGE PATTERNS



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NX LIGHTING CONTROLS FREE APP

CONTROLS TECH SUPPORT 800-888-8006 (7:00 AM - 7:00 PM)



The NX Lighting Controls App is free to use mobile application for programming both NX Lighting Controls System or Standalone Bluetooth Sensors. The mobile app allows you to configure devices, discover and setup wireless enable luminaires and program NX system settings.

Apple App: <https://apps.apple.com/us/app/nx-lighting-controls/id962112904>

Google Play: https://play.google.com/store/apps/details?id=io.cordova.NXBTR&hl=en_US&q=US



Apple App



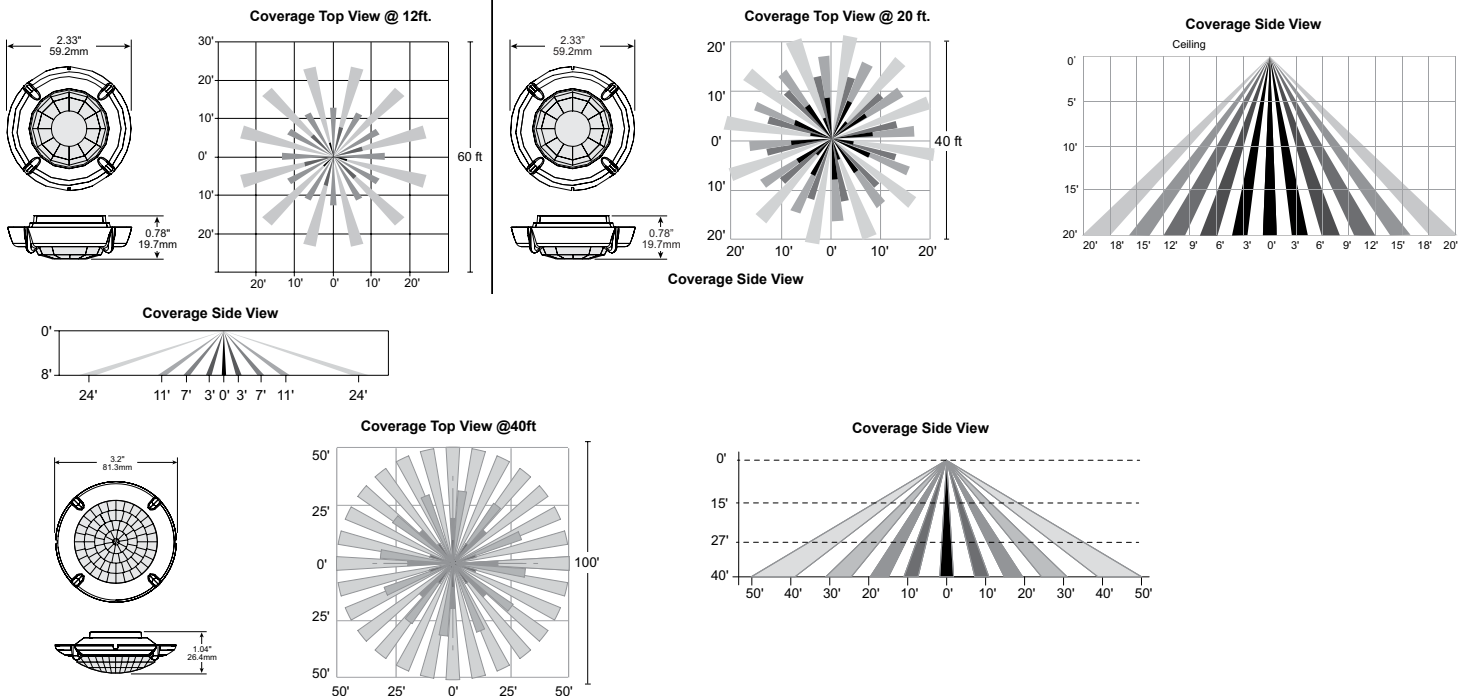
Google Play

OUTDOOR LIGHTING CONTROLS OPTIONS

CONTROLS FUNCTIONALITY

	Control Option Ordering Logic & Description	Control Option Functionality									Control Option Components
		Networkable	Grouping	Scheduling	Occupancy/ Motion	Daylight Harvesting	0-10V Dimming	On/Off Control	Bluetooth App Programming	Sensor Height	
Independent	SCP_F Sensor Control Programmable, 8F or 40F	-	-	-	✓	✓	✓	✓	-	8ft or 40ft	SCP_F
	ADD AutoDIM Timer Based Dimming	-	-	✓	-	-	-	✓	-	-	ADD
	ADT AutoDIM Time of Day Dimming	-	-	✓	-	-	-	✓	-	-	ADT
	7PR 7-Pin Receptacle	-	-	Paired with external control	-	Paired with external control	-	Paired with external control	-	-	7PR
	7PR-SC 7-Pin Receptacle with shorting cap	-	-	-	-	-	-	-	-	-	 7PR-SC
	3PR 3-Pin twist lock	-	-	-	-	-	-	Paired with external control	-	-	3PR
	3PR-SC 3-Pin Receptacle with shorting cap	-	-	-	-	-	-	-	-	-	 3PR-SC
	3PR-TL 3-Pin with photocontrol	-	-	-	-	✓	-	✓	-	-	 3PR-TL

COVERAGE PATTERNS FOR SCP_F





VIPER Area/Site

VIPER LUMINAIRE AMBER

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

PROGRAMMED CONTROLS

ADD-AutoDim Timer Based Options

- Light delay options from 1-9 hours after the light is turned on to dim the light by 10-100%. To return the luminaire to its original light level there are dim return options from 1-9 hours after the light has been dimmed previously.

EX: ADD-6-5-R6

ADD Control Options	Configurations Choices	Example Choice Picked
Auto-Dim Options	1-9 Hours	6 - Delay 6 hours
Auto-Dim Brightness	10-100% Brightness	5 - Dim to 50% brightness
Auto-Dim Return	Delay 0-9 Hours	R6 - Return to full output after 6 hours

ADT-AutoDim Time of Day Based Option

- Light delay options from 1AM-9PM after the light is turned on to dim the light by 10-100%. To return the luminaire to its original light level there are dim return options from 1AM-9PM after the light has been dimmed previously.

EX: ADT-6-5-R6

ADD Control Options	Configurations Choices	Example Choice Picked
Auto-Dim Options	12-3 AM and 6-11 PM	6 - Dim at 6PM
Auto-Dim Brightness	10-100% Brightness	5 - Dim to 50%
Auto-Dim Return	12-6 AM and 9-11P	R6 - Return to full output at 6AM

DELIVERED LUMENS

Description	Nominal Wattage	System Watts	Distribution Type	Lumens	Lm/W	B.U.G.
VP-ST-1-36L-15-AM-2	15	17.3	Type II	1436	83	B0-U0-G1
VP-ST-1-36L-15-AM-3			Type III	1421	82	B0-U0-G1
VP-ST-1-36L-15-AM-4F			Type IV	1442	83	B0-U0-G1
VP-ST-1-36L-15-AM-4W			Type IV	1423	82	B0-U0-G1
VP-ST-1-36L-20-AM-2	20	22	Type II	1744	79	B0-U0-G1
VP-ST-1-36L-20-AM-3			Type III	1725	78	B0-U0-G1
VP-ST-1-36L-20-AM-4F			Type IV	1751	80	B0-U0-G1
VP-ST-1-36L-20-AM-4W			Type IV	1728	79	B0-U0-G1
VP-ST-1-36L-25-AM-2	25	29.6	Type II	2008	68	B1-U0-G1
VP-ST-1-36L-25-AM-3			Type III	1987	67	B0-U0-G1
VP-ST-1-36L-25-AM-4F			Type IV	2016	68	B0-U0-G1
VP-ST-1-36L-25-AM-4W			Type IV	1990	67	B0-U0-G1
VP-ST-1-36L-30-AM-2	30	31.5	Type II	2266	72	B1-U0-G1
VP-ST-1-36L-30-AM-3			Type III	2242	71	B0-U0-G1
VP-ST-1-36L-30-AM-4F			Type IV	2275	72	B0-U0-G1
VP-ST-1-36L-30-AM-4W			Type IV	2245	71	B0-U0-G1
VP-ST-1-36L-40-AM-2	40	38.9	Type II	2546	65	B1-U0-G1
VP-ST-1-36L-40-AM-3			Type III	2519	65	B1-U0-G1
VP-ST-1-36L-40-AM-4F			Type IV	2556	66	B0-U0-G1
VP-ST-1-36L-40-AM-4W			Type IV	2523	65	B0-U0-G1
VP-ST-1-36L-50-AM-2	50	49.3	Type II	2827	57	B1-U0-G1
VP-ST-1-36L-50-AM-3			Type III	2797	57	B1-U0-G1
VP-ST-1-36L-50-AM-4F			Type IV	2838	58	B0-U0-G1
VP-ST-1-36L-50-AM-4W			Type IV	2801	57	B1-U0-G2
VP-ST-1-36L-65-AM-2	65	62.3	Type II	3008	48	B1-U0-G1
VP-ST-1-36L-65-AM-3			Type III	2976	48	B1-U0-G1
VP-ST-1-36L-65-AM-4F			Type IV	3019	48	B0-U0-G1
VP-ST-1-36L-65-AM-4W			Type IV	2980	48	B1-U0-G2
DELIVERED LUMENS CONTINUED NEXT PAGE						

VIPER Area/Site

VIPER LUMINAIRE AMBER

DELIVERED LUMENS (CONTINUED)

Description	Nominal Wattage	System Watts	Distribution Type	Lumens	Lm/W	B.U.G.
VP-ST-2-72L-35-AM-2	35	34.6	Type II	2893	84	B1-U0-G1
VP-ST-2-72L-35-AM-3			Type III	2862	83	B1-U0-G1
VP-ST-2-72L-35-AM-4F			Type IV	2904	84	B0-U0-G1
VP-ST-2-72L-35-AM-4W			Type IV	2866	83	B1-U0-G2
VP-ST-2-72L-45-AM-2	45	43.9	Type II	3487	79	B1-U0-G1
VP-ST-2-72L-45-AM-3			Type III	3450	79	B1-U0-G1
VP-ST-2-72L-45-AM-4F			Type IV	3501	80	B0-U0-G1
VP-ST-2-72L-45-AM-4W			Type IV	3456	79	B1-U0-G2
VP-ST-2-72L-55-AM-2	55	53.3	Type II	4017	75	B1-U0-G1
VP-ST-2-72L-55-AM-3			Type III	3974	75	B1-U0-G1
VP-ST-2-72L-55-AM-4F			Type IV	4033	76	B1-U0-G1
VP-ST-2-72L-55-AM-4W			Type IV	3980	75	B1-U0-G2
VP-ST-2-72L-65-AM-2	65	63.1	Type II	4531	72	B1-U0-G1
VP-ST-2-72L-65-AM-3			Type III	4483	71	B1-U0-G2
VP-ST-2-72L-65-AM-4F			Type IV	4549	72	B1-U0-G2
VP-ST-2-72L-65-AM-4W			Type IV	4490	71	B1-U0-G2
VP-ST-2-72L-80-AM-2	80	77.8	Type II	5112	66	B1-U0-G1
VP-ST-2-72L-80-AM-3			Type III	5057	65	B1-U0-G2
VP-ST-2-72L-80-AM-4F			Type IV	5132	66	B1-U0-G2
VP-ST-2-72L-80-AM-4W			Type IV	5065	65	B1-U0-G2
VP-ST-2-72L-100-AM-2	100	98.6	Type II	5677	58	B1-U0-G1
VP-ST-2-72L-100-AM-3			Type III	5617	57	B1-U0-G2
VP-ST-2-72L-100-AM-4F			Type IV	5699	58	B1-U0-G2
VP-ST-2-72L-100-AM-4W			Type IV	5625	57	B1-U0-G2
VP-ST-2-72L-125-AM-2	125	124.6	Type II	6025	48	B1-U0-G1
VP-ST-2-72L-125-AM-3			Type III	5961	48	B1-U0-G2
VP-ST-2-72L-125-AM-4F			Type IV	6048	49	B1-U0-G2
VP-ST-2-72L-125-AM-4W			Type IV	5970	48	B1-U0-G2
VP-ST-3-108L-80-AM-2	80	79.9	Type II	6025	75	B1-U0-G1
VP-ST-3-108L-80-AM-3			Type III	5961	75	B1-U0-G2
VP-ST-3-108L-80-AM-4F			Type IV	6049	76	B1-U0-G2
VP-ST-3-108L-80-AM-4W			Type IV	5970	75	B1-U0-G2
VP-ST-3-108L-105-AM-2	105	102.1	Type II	7113	70	B1-U0-G2
VP-ST-3-108L-105-AM-3			Type III	7037	69	B1-U0-G2
VP-ST-3-108L-105-AM-4F			Type IV	7141	70	B1-U0-G2
VP-ST-3-108L-105-AM-4W			Type IV	7048	69	B1-U0-G3
VP-ST-3-108L-130-AM-2	130	131.8	Type II	8134	62	B1-U0-G2
VP-ST-3-108L-130-AM-3			Type III	8048	61	B1-U0-G2
VP-ST-3-108L-130-AM-4F			Type IV	8166	62	B1-U0-G2
VP-ST-3-108L-130-AM-4W			Type IV	8060	61	B1-U0-G3
VP-ST-3-108L-185-AM-2	185	186.8	Type II	9038	48	B2-U0-G2
VP-ST-3-108L-185-AM-3			Type III	8942	48	B1-U0-G2
VP-ST-3-108L-185-AM-4F			Type IV	9074	49	B1-U0-G2
VP-ST-3-108L-185-AM-4W			Type IV	8956	48	B1-U0-G3
DELIVERED LUMENS CONTINUED NEXT PAGE						

VIPER Area/Site

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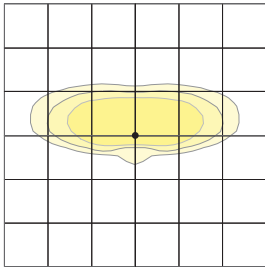
DELIVERED LUMENS (CONTINUED)

Description	Nominal Wattage	System Watts	Distribution Type	Lumens	Lm/W	B.U.G.
VP-ST-4-162L-120-AM-2	120	119.9	Type II	9036	75	B2-U0-G2
VP-ST-4-162L-120-AM-3			Type III	8940	75	B1-U0-G2
VP-ST-4-162L-120-AM-4F			Type IV	9071	76	B1-U0-G2
VP-ST-4-162L-120-AM-4W			Type IV	8953	75	B1-U0-G3
VP-ST-4-162L-155-AM-2	155	153.1	Type II	10669	70	B2-U0-G2
VP-ST-4-162L-155-AM-3			Type III	10556	69	B1-U0-G3
VP-ST-4-162L-155-AM-4F			Type IV	10711	70	B1-U0-G2
VP-ST-4-162L-155-AM-4W			Type IV	10572	69	B1-U0-G3
VP-ST-4-162L-200-AM-2	200	197.6	Type II	12202	62	B2-U0-G2
VP-ST-4-162L-200-AM-3			Type III	12073	61	B2-U0-G3
VP-ST-4-162L-200-AM-4F			Type IV	12250	62	B1-U0-G3
VP-ST-4-162L-200-AM-4W			Type IV	12091	61	B1-U0-G3
VP-ST-4-162L-280-AM-2	280	280.3	Type II	13556	48	B2-U0-G2
VP-ST-4-162L-280-AM-3			Type III	13413	48	B2-U0-G3
VP-ST-4-162L-280-AM-4F			Type IV	13610	49	B1-U0-G3
VP-ST-4-162L-280-AM-4W			Type IV	13433	48	B2-U0-G4

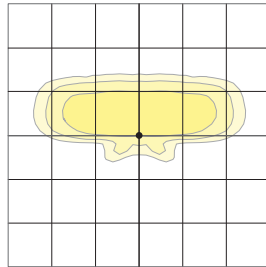
OPTIC STRIKE PHOTOMETRY

The following diagrams represent the general distribution options offered for this product. For detailed information on specific product configurations, see website photometric test reports.

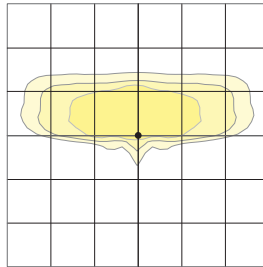
Type FR – Front Row/Auto Optic



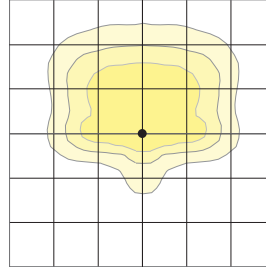
Type 2



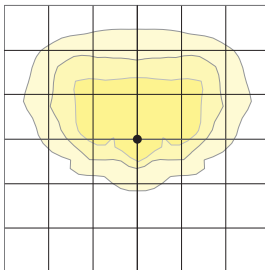
Type 3



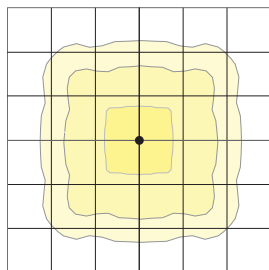
Type 4 Forward



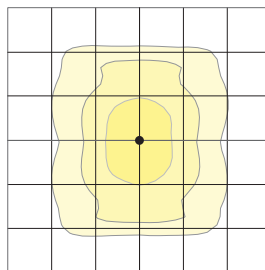
Type 4 Wide



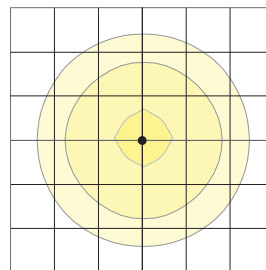
Type 5QM



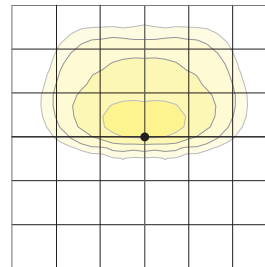
Type 5R (rectangular)



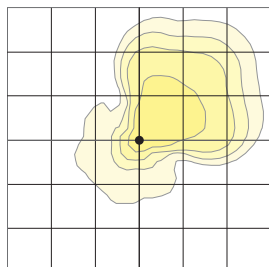
Type 5W (round wide)



Type TC



Type Corner



VIPER Area/Site

VIPER LUMINAIRE AMBER

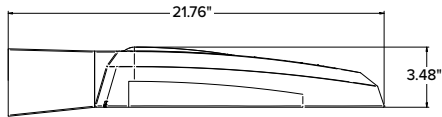
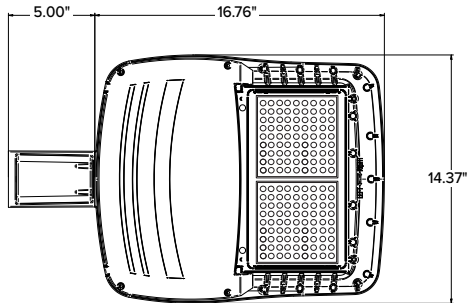
DATE: _____ LOCATION: _____

TYPE: _____ PROJECT: _____

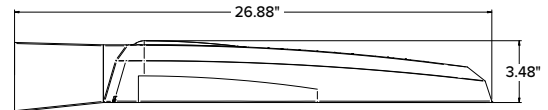
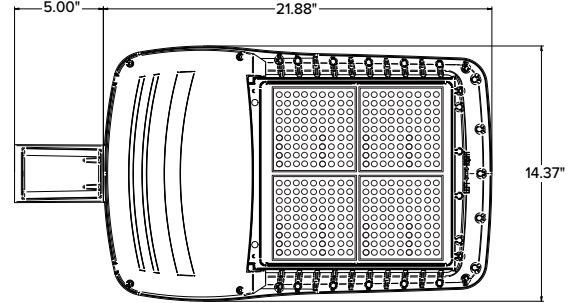
CATALOG #: _____

DIMENSIONS

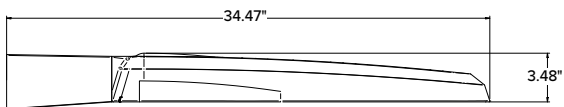
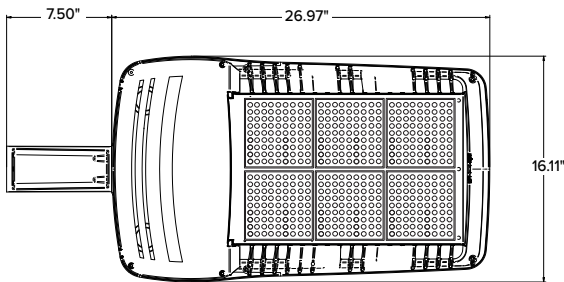
SIZE 1



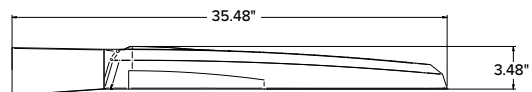
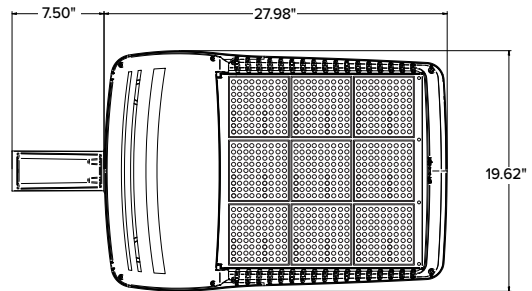
SIZE 2



SIZE 3



SIZE 4



	EPA				Config.
	VP1 (Size 1)	VP2 (Size 2)	VP3 (Size 3)	VP4 (Size 4)	
Single Fixture	0.454	0.555	0.655	0.698	
Two at 180	0.908	1.110	1.310	1.396	
Two at 90	0.583	0.711	0.857	0.948	
Three at 90	1.037	1.266	1.512	1.646	
Three at 120	0.943	1.155	1.392	1.680	
Four at 90	1.166	1.422	1.714	1.896	

	Weight	
	lbs	kgs
VP1 (Size 1)	13.7	6.2
VP2 (Size 2)	16.0	7.26
VP3 (Size 3)	25.9	11.7
VP4 (Size 4)	30.8	13.9

VIPER Area/Site

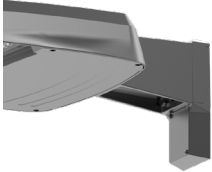
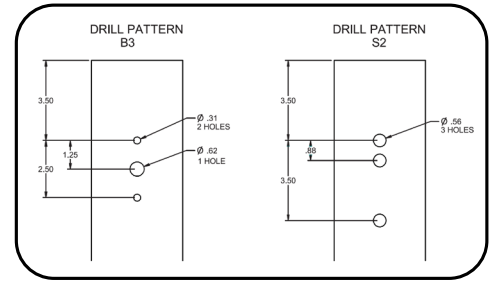
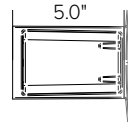
VIPER LUMINAIRE AMBER

MOUNTING



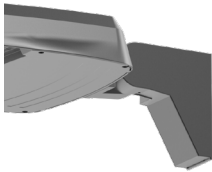
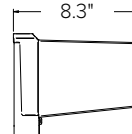
A-STRAIGHT ARM MOUNT

Fixture ships with integral arm for ease of installation. Compatible with Current Outdoor B3 drill pattern for ease of installation on square poles. For round poles add applicable suffix (2/3/4/5)



ASQU-UNIVERSAL ARM MOUNT

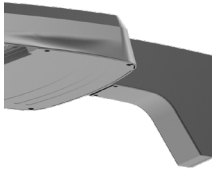
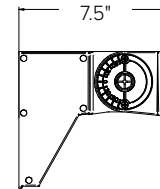
Universal mounting block for ease of installation. Compatible with drill patterns from 2.5" to 4.5" and Current drill pattern S2. For round poles add applicable suffix (2/3/4/5)



AAU-ADJUSTABLE ARM FOR POLE MOUNTING

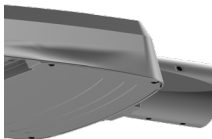
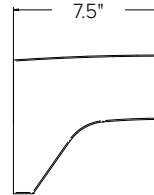
Rotatable arm mounts directly to pole. Compatible with drill patterns from 2.5" to 4.5" and Current drill pattern S2 and B3. For round poles add applicable suffix (2/3/4/5). Rotatable in 15° aiming angle increments. Micro Strike configurations have a 45° aiming limitation.

Strike configurations have a 30° aiming limitation.



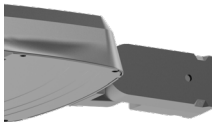
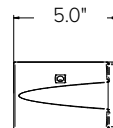
ADU-DECORATIVE UPSWEPT ARM

Upswept Arm compatible with drill patterns from 2.5" to 4.5" and Current drill pattern S2. For round poles add applicable suffix (2/3/4/5).



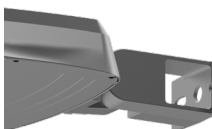
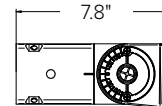
MAF-MAST ARM FITTER

Fits 2-3/8" OD horizontal tenons.



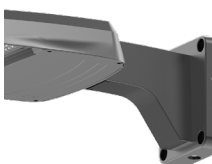
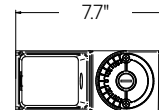
K-KNUCKLE

Knuckle mount 15° aiming angle increments for precise aiming and control, fits 2-3/8" tenons or pipes. Micro Strike configurations have a 45° aiming limitation. Strike configurations have a 30° aiming limitation.



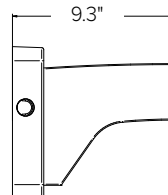
T-TRUNNION

Trunnion for surface and crossarm mounting using (1) 3/4" or (2) 1/2" size through bolts. Micro Strike configurations have a 45° aiming limitation. Strike configurations have a 30° aiming limitation.



WM-WALL MOUNT

Compatible with universal arm mount, adjustable arm mount, and decorative arm mount. The WA option uses the same wall bracket but replaces the decorative arm with an adjustable arm.



VIPER Area/Site

VIPER LUMINAIRE AMBER

DATE: _____ LOCATION: _____

TYPE: _____ PROJECT: _____

CATALOG #: _____

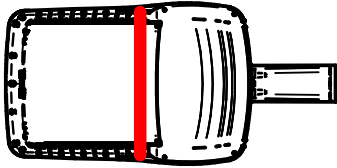
ADDITIONAL INFORMATION (CONTINUED)

HOUSE SIDE SHIELD FIELD INSTALL ACCESSORIES

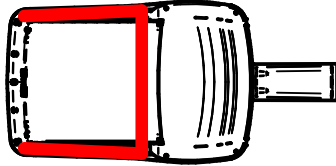
HSS has a depth of 5" for all Viper sizes

Not to be used with Occupancy Sensors as the shield may block the light to the sensor.

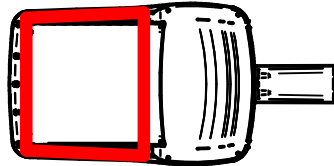
VPR2x HSS-90-B-xx



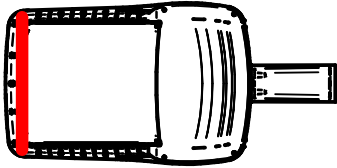
VPR2x HSS-270-BSS-xx



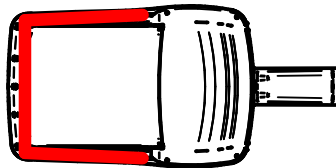
VPR2x HSS-360-xx



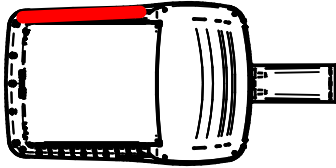
VPR2x HSS-90-F-xx



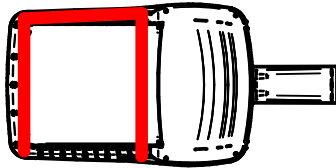
VPR2x HSS-270-FSS-xx



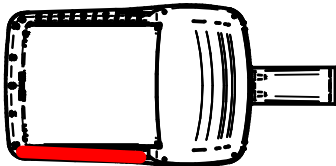
VPR2x HSS-90-S-xx



VPR2x HSS-270-FSB-xx



VPR2x HSS-90-S-xx



VPR2x HSS-270-FSB-xx

