

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™, wiSCAPE 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 11
- 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

- Photo control, 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
- wiSCAPE® 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
- Meets IDA recommendations using 3K CCT configuration at 0 degrees of tilt
- This product qualifies as a "designated country construction material" per FAR 52.225-11 Buy American-Construction Materials under Trade Agreements effective 04/23/2020.

WARRANTY

- 5 year warranty

KEY DATA	
Lumen Range	1,200–16,000
Wattage Range	30–40
Efficacy Range (LPW)	39
Weight lbs. (kg)	13.7-30.9 (6.2-13.9)

VIPER Area/Site

VIPER LUMINAIRE AMBER

STRIKE OPTIC – ORDERING GUIDE – AMBER ONLY

Example: VP–ST–1–36L–30–AM–UNV–A–BLT

CATALOG # _____

VP	Optic Platform	Size	Light Engine	CCT/CRI	Distribution	Optic Rotation	Voltage
VP Viper	ST Strike	1 Size 1	36L-30 1,200 Lumens 36L-45 1,800 Lumens 36L-70 2,700 Lumens 36L-95 3,600 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 480 480V
		2 Size 2	72L-90 3,600 Lumens 72L-120 4,600 Lumens 72L-150 5,900 Lumens 72L-185 7,100 Lumens				
		3 Size 3	108L-175 6,900 Lumens 108L-210 8,200 Lumens 108L-235 9,200 Lumens 108L-275 10,900 Lumens				
		4 Size 4	162L-255 9,900 Lumens 162L-305 11,800 Lumens 162L-340 13,300 Lumens 162L-380 14,800 Lumens 162L-420 16,300 Lumens				

Mounting	
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

Color	
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

Options	
F	Fusing
E	Battery Backup ^{1,2,7,8,9}
2PF	Dual Power Feed
2DR	Dual Driver
TE	Toolless Entry
BC	Backlight Control
TB	Terminal Block

Network Control Options	
NXWS16F	NX Networked Wireless Enabled Integral NXSM2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming ^{1,3,4}
NXWS40F	NX Networked Wireless Enabled Integral NXSM2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming ^{1,3,4}
NXW	NX Networked Wireless Radio Module NXR2 and Bluetooth Programming, without Sensor ^{3,4}
WIR	wISCAPE® In-Fixture Module ^{3,4}
WIRSC	wISCAPE® Module and Occupancy Sensor ^{3,4}
Stand Alone Sensors	
BTS-14F	Bluetooth® Programmable, BTSM2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
BTS-40F	Bluetooth® Programmable, BTSM2-HMO PIR Occupancy Sensor with Automatic Dimming® Photocell and 360° Lens
BTSO-12F	Bluetooth® Programmable, BTSM2-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
7PR	7-Pin Receptacle ⁴
7PR-SC	7-Pin Receptacle with shorting cap ⁴
3PR	3-Pin twist lock ⁴
3PR-SC	3-Pin receptacle with shorting cap ⁴
3PR-TL	3-Pin PCR with photocontrol ⁴
Programmed Controls	
ADD	AutoDim Timer Based Dimming ⁴
ADT	AutoDim Time of Day Dimming ⁴
Photocontrols	
PC	Button Photocontrol ^{4,7}

1 – Items with a grey background can be done as a custom order. Contact brand representative for more information

2 – Battery temperature rating -20C to 55C

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 – Not available with 480V

7 – Not available with 347 or 480V

8 – Not available with Dual Driver option

9 – Only available in Size 1 housing, up to 105 Watts

VIPER Area/Site

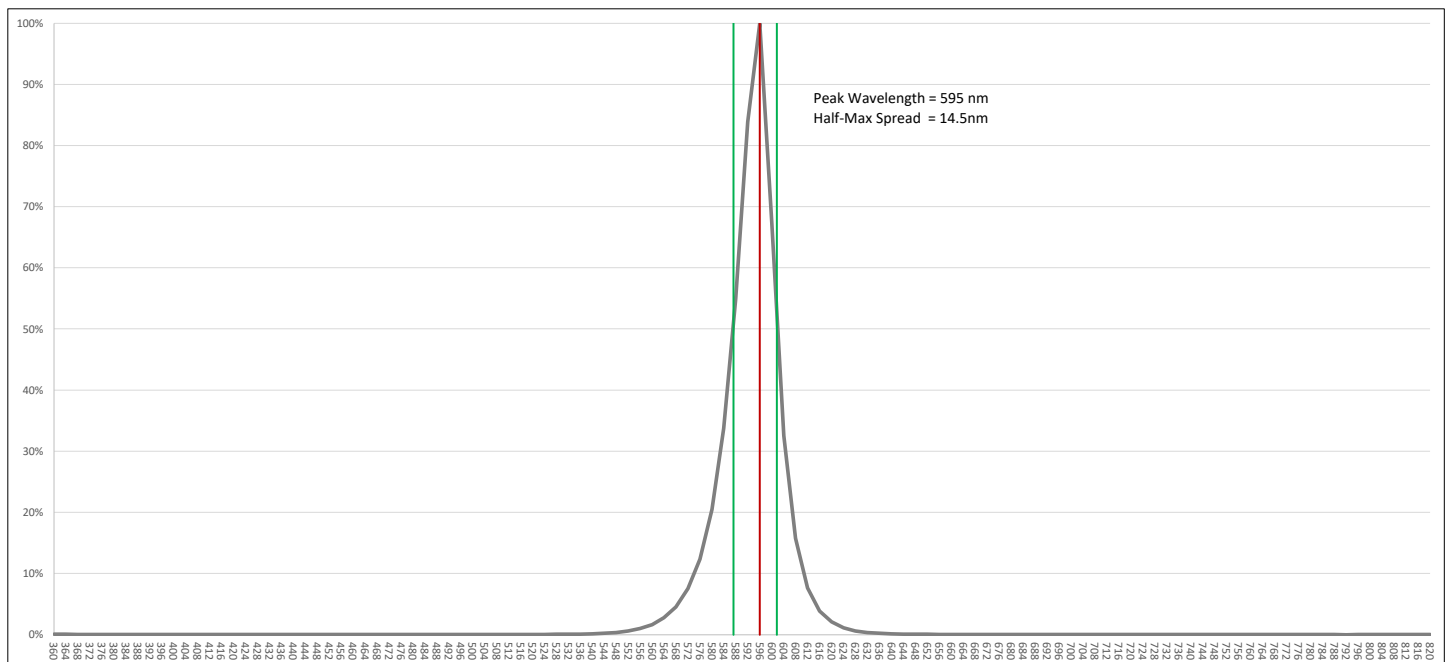
VIPER LUMINAIRE AMBER

STRIKE OPTIC – ORDERING GUIDE – AMBER ONLY (CONTINUED)

CATALOG # _____

Accessory Type	Size	Option	Color	Current Control Solutions – Accessories (Sold Separately)	
SHD Shield	1 Size 1	HSS-90-B House Side Shield 90° Back	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	NX Lighting Controls <input type="checkbox"/> NXOFM-1R1D-UNV On-fixture Module (7-pin), On / Off / Dim, Daylight Sensor with NX Radio and Bluetooth® Radio, 120–480VAC wISCAPE® Lighting Control <input type="checkbox"/> WIR-RME-L On-fixture Module (7-pin or 5-pin), On / Off / Dim, Daylight Sensor with wISCAPE Radio, 110–480VAC <input type="checkbox"/> 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.	
	2 Size 2	HSS-90-F House Side Shield 90° Front			
	3 Size 3	HSS-90-S House Side Shield 90° Side			
	4 Size 4	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°			
	MTG Mounting	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)			
Accessory Type		Option	BIRD SPK Bird Spike		
MSC Miscellaneous					

SPECTRAL CHART



VIPER Area/Site

VIPER LUMINAIRE AMBER

CONTROLS



Control Option	Sensor	Networkable	Scheduling	Occupancy	Daylight Harvesting	On/Off Control	Programming	Pair with Sensor	Sensor Mounting Height
NXW	–	✓	✓	–	–	✓	✓	–	–
NXWS_F	NXSMP2	✓	✓	✓	✓	✓	✓	–	16ft, 40ft
BTSO12F	BTSMP-OMNI-O	–	–	✓	✓	✓	Bluetooth	–	12ft
BTS_F	BTSMP	–	–	✓	✓	✓	Bluetooth	–	14ft, 40ft
ADD	–	–	✓	–	–	✓	–	✓	–
ADT	–	–	✓	–	–	✓	–	✓	–
7PR	–	Paired with external control	Paired with external control	–	Paired with external control	Paired with external control	–	✓	–
7PR-SC	–	–	–	–	–	–	–	✓	–
3PR	–	–	–	–	–	Paired with external control	–	✓	–
3PR-SC	–	–	–	–	–	–	–	✓	–
3PR-TL	–	–	–	–	✓	✓	–	✓	–
WIR	–	✓	✓	–	✓	✓	Gateway	–	–
WIRSC	BTSMP	✓	✓	✓	✓	✓	Gateway	–	14ft, 40ft

DELIVERED LUMENS

Description	Nominal Wattage	System Watts	Distribution Type	Lumens	Lm/W	B	U	G
VP-ST-1-36L-30-AM-2	30	31.2	Type II	1204	39	0	0	0
VP-ST-1-36L-30-AM-3			Type III	1191	38	0	0	1
VP-ST-1-36L-30-AM-4F			Type IV	1213	39	0	0	1
VP-ST-1-36L-30-AM-4W			Type IV	1210	39	1	0	1
VP-ST-1-36L-30-AM-5QM			Type VS	1209	39	1	0	0
VP-ST-1-36L-30-AM-5W			Type VS	1212	39	0	0	0
VP-ST-1-36L-30-AM-FR			Type II	1211	39	0	0	0
VP-ST-1-36L-30-AM-TC			Type III	1212	39	0	0	0
VP-ST-1-36L-45-AM-2			45	45.9	Type II	1785	39	0
VP-ST-1-36L-45-AM-3	Type III	1783			39	0	0	1
VP-ST-1-36L-45-AM-4F	Type IV	1789			39	0	0	1
VP-ST-1-36L-45-AM-4W	Type IV	1785			39	1	0	1
VP-ST-1-36L-45-AM-5QM	Type VS	1783			39	1	0	0
VP-ST-1-36L-45-AM-5W	Type VS	1787			39	1	0	0
VP-ST-1-36L-45-AM-FR	Type II	1786			39	0	0	0
VP-ST-1-36L-45-AM-TC	Type III	1787			39	0	0	0
VP-ST-1-36L-70-AM-2	70	69.9			Type II	2717	39	1
VP-ST-1-36L-70-AM-3			Type III	2714	39	0	0	2
VP-ST-1-36L-70-AM-4F			Type IV	2723	39	0	0	1
VP-ST-1-36L-70-AM-4W			Type IV	2717	39	0	0	1
VP-ST-1-36L-70-AM-5QM			Type VS	2715	39	1	0	0
VP-ST-1-36L-70-AM-5W			Type VS	2720	39	2	0	1
VP-ST-1-36L-70-AM-FR			Type II	2719	39	0	0	0
VP-ST-1-36L-70-AM-TC			Type III	2720	39	0	0	0
VP-ST-1-36L-95-AM-2			95	92.9	Type II	3613	39	1
VP-ST-1-36L-95-AM-3	Type III	3610			39	1	0	2
VP-ST-1-36L-95-AM-4F	Type IV	3621			39	0	0	1
VP-ST-1-36L-95-AM-4W	Type IV	3613			39	1	0	2
VP-ST-1-36L-95-AM-5QM	Type VS	3610			39	2	0	0
VP-ST-1-36L-95-AM-5W	Type VS	3617			39	2	0	1
VP-ST-1-36L-95-AM-FR	Type II	3616			39	1	0	0
VP-ST-1-36L-95-AM-TC	Type III	3617			39	0	0	1
VP-ST-2-72L-90-AM-2	90	91.9			Type II	3441	37	1
VP-ST-2-72L-90-AM-3			Type III	3570	39	1	0	2
VP-ST-2-72L-90-AM-4F			Type IV	3581	39	0	0	1
VP-ST-2-72L-90-AM-4W			Type IV	3574	39	1	0	2
VP-ST-1-36L-95-AM-5QM			Type VS	3570	39	2	0	0
VP-ST-2-72L-90-AM-5W			Type VS	3577	39	2	0	1
VP-ST-2-72L-90-AM-FR			Type II	3576	39	1	0	0
VP-ST-2-72L-90-AM-TC			Type III	3577	39	0	0	1

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-120-AM-2	120	117.9	Type II	4589	39	1	0	1		
VP-ST-2-72L-120-AM-3			Type III	4584	39	1	0	3		
VP-ST-2-72L-120-AM-4F			Type IV	4598	39	1	0	2		
VP-ST-2-72L-120-AM-4W			Type IV	4589	39	1	0	2		
VP-ST-2-72L-120-AM-5QM			Type VS	4585	39	2	0	1		
VP-ST-2-72L-120-AM-5W			Type VS	4593	39	3	0	1		
VP-ST-2-72L-120-AM-FR			Type II	4592	39	1	0	0		
VP-ST-2-72L-120-AM-TC			Type III	4594	39	1	0	1		
VP-ST-2-72L-150-AM-2			150	151	Type II	5890	39	1	0	1
VP-ST-2-72L-150-AM-3					Type III	5884	39	1	0	3
VP-ST-2-72L-150-AM-4F	Type IV	5902			39	1	0	2		
VP-ST-2-72L-150-AM-4W	Type IV	5890			39	1	0	2		
VP-ST-2-72L-150-AM-5QM	Type VS	5884			39	2	0	1		
VP-ST-2-72L-150-AM-5W	Type VS	5895			39	3	0	1		
VP-ST-2-72L-150-AM-FR	Type II	5894			39	1	0	1		
VP-ST-2-72L-150-AM-TC	Type III	5896			39	1	0	1		
VP-ST-2-72L-185-AM-2	185	180.3			Type II	7104	39	1	0	2
VP-ST-2-72L-185-AM-3					Type III	7096	39	1	0	3
VP-ST-2-72L-185-AM-4F			Type IV	7118	39	1	0	2		
VP-ST-2-72L-185-AM-4W			Type IV	7104	39	1	0	2		
VP-ST-2-72L-185-AM-5QM			Type VS	7097	39	3	0	1		
VP-ST-2-72L-185-AM-5W			Type VS	7111	39	1	0	2		
VP-ST-2-72L-185-AM-FR			Type II	7109	39	1	0	1		
VP-ST-2-72L-185-AM-TC			Type III	7111	39	1	0	1		
VP-ST-3-108L-175-AM-2			-	176.9	Type II	6865	39	1	0	2
VP-ST-3-108L-175-AM-3					Type III	6858	39	1	0	3
VP-ST-3-108L-175-AM-4F	Type IV	6879			39	1	0	2		
VP-ST-3-108L-175-AM-4W	Type IV	6865			39	1	0	2		
VP-ST-3-108L-175-AM-5QM	Type VS	6859			39	3	0	1		
VP-ST-3-108L-175-AM-5W	Type VS	6872			39	3	0	1		
VP-ST-3-108L-175-AM-FR	Type II	6871			39	1	0	1		
VP-ST-3-108L-175-AM-TC	Type III	6873			39	1	0	1		
VP-ST-3-108L-210-AM-2	-	209.7			Type II	8166	39	1	0	2
VP-ST-3-108L-210-AM-3					Type III	8158	39	1	0	3
VP-ST-3-108L-210-AM-4F			Type IV	8183	39	1	0	2		
VP-ST-3-108L-210-AM-4W			Type IV	8166	39	1	0	2		
VP-ST-3-108L-210-AM-5QM			Type VS	8159	39	3	0	1		
VP-ST-3-108L-210-AM-5W			Type VS	8174	39	3	0	2		
VP-ST-3-108L-210-AM-FR			Type II	8172	39	1	0	1		
VP-ST-3-108L-210-AM-TC			Type III	8175	39	1	0	1		
VP-ST-3-108L-235-AM-2			-	235.2	Type II	9141	39	1	0	2
VP-ST-3-108L-235-AM-3					Type III	9132	39	1	0	3
VP-ST-3-108L-235-AM-4F	Type IV	9160			39	1	0	2		
VP-ST-3-108L-235-AM-4W	Type IV	9142			39	1	0	2		
VP-ST-3-108L-235-AM-5QM	Type VS	9134			39	3	0	1		
VP-ST-3-108L-235-AM-5W	Type VS	9150			39	3	0	2		
VP-ST-3-108L-235-AM-FR	Type II	9149			39	1	0	1		
VP-ST-3-108L-235-AM-TC	Type III	9151			39	1	0	1		
VP-ST-3-108L-275-AM-2	-	279.4			Type II	10840	39	2	0	2
VP-ST-3-108L-275-AM-3					Type III	10829	39	1	0	4
VP-ST-3-108L-275-AM-4F			Type IV	10862	39	1	0	2		
VP-ST-3-108L-275-AM-4W			Type IV	10709	38	1	0	3		
VP-ST-3-108L-275-AM-5QM			Type VS	10830	39	3	0	1		
VP-ST-3-108L-275-AM-5W			Type VS	10850	39	4	0	2		
VP-ST-3-108L-275-AM-FR			Type II	10848	39	1	0	1		
VP-ST-3-108L-275-AM-TC			Type III	10851	39	1	0	2		
VP-ST-4-162L-255-AM-2			255	253.4	Type II	9864	39	1	0	2
VP-ST-4-162L-255-AM-3					Type III	9854	39	1	0	4
VP-ST-4-162L-255-AM-4F	Type IV	9885			39	1	0	2		
VP-ST-4-162L-255-AM-4W	Type IV	9864			39	1	0	3		
VP-ST-4-162L-255-AM-5QM	Type VS	9856			39	3	0	1		
VP-ST-4-162L-255-AM-5W	Type VS	9874			39	4	0	2		
VP-ST-4-162L-255-AM-FR	Type II	9872			39	1	0	1		
VP-ST-4-162L-255-AM-TC	Type III	9875			39	1	0	1		
VP-ST-4-162L-305-AM-2	305	302.1			Type II	11743	39	2	0	2
VP-ST-4-162L-305-AM-3					Type III	11731	39	1	0	4
VP-ST-4-162L-305-AM-4F			Type IV	11767	39	1	0	3		
VP-ST-4-162L-305-AM-4W			Type IV	11743	39	1	0	3		
VP-ST-4-162L-305-AM-5QM			Type VS	11733	39	3	0	2		
VP-ST-4-162L-305-AM-5W			Type VS	11754	39	4	0	2		
VP-ST-4-162L-305-AM-FR			Type II	11752	39	1	0	1		
VP-ST-4-162L-305-AM-TC			Type III	11756	39	1	0	2		

DELIVERED LUMENS CONTINUED NEXT PAGE

VIPER Area/Site

VIPER LUMINAIRE AMBER

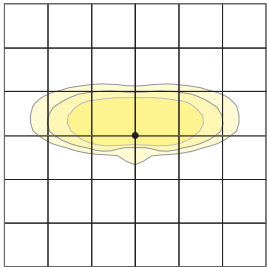
DELIVERED LUMENS (CONTINUED)

Description	Nominal Wattage	System Watts	Distribution Type	Lumens	Lm/W	B	U	G
VP-ST-4-162L-340-AM-2	340	339.9	Type II	13224	39	2	0	2
VP-ST-4-162L-340-AM-3			Type III	13211	39	2	0	4
VP-ST-4-162L-340-AM-4F			Type IV	13252	39	1	0	3
VP-ST-4-162L-340-AM-4W			Type IV	13225	39	2	0	3
VP-ST-4-162L-340-AM-5QM			Type VS	13213	39	3	0	2
VP-ST-4-162L-340-AM-5W			Type VS	13237	39	4	0	2
VP-ST-4-162L-340-AM-FR			Type II	13235	39	2	0	1
VP-ST-4-162L-340-AM-TC			Type III	13239	39	1	0	2
VP-ST-4-162L-380-AM-2	380	379	Type II	14742	39	2	0	2
VP-ST-4-162L-380-AM-3			Type III	14727	39	2	0	5
VP-ST-4-162L-380-AM-4F			Type IV	14773	39	1	0	3
VP-ST-4-162L-380-AM-4W			Type IV	14742	39	2	0	4
VP-ST-4-162L-380-AM-5QM			Type VS	14729	39	3	0	2
VP-ST-4-162L-380-AM-5W			Type VS	14756	39	4	0	2
VP-ST-4-162L-380-AM-FR			Type II	14754	39	2	0	2
VP-ST-4-162L-380-AM-TC			Type III	14758	39	1	0	2
VP-ST-4-162L-420-AM-2	420	419.1	Type II	16296	39	2	0	2
VP-ST-4-162L-420-AM-3			Type III	16279	39	2	0	5
VP-ST-4-162L-420-AM-4F			Type IV	16329	39	1	0	3
VP-ST-4-162L-420-AM-4W			Type IV	16296	39	2	0	4
VP-ST-4-162L-420-AM-5QM			Type VS	16282	39	4	0	2
VP-ST-4-162L-420-AM-5W			Type VS	16312	39	4	0	2
VP-ST-4-162L-420-AM-FR			Type II	16309	39	2	0	2
VP-ST-4-162L-420-AM-TC			Type III	16313	39	1	0	2

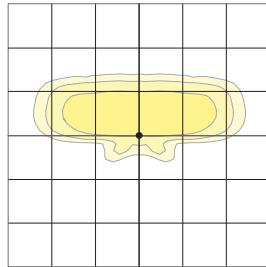
OPTIC STRIKE PHOTOMETRY

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

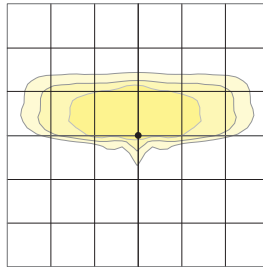
Type FR – Front Row/Auto Optic



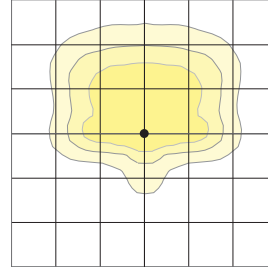
Type 2



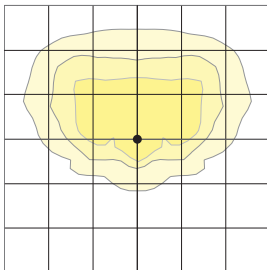
Type 3



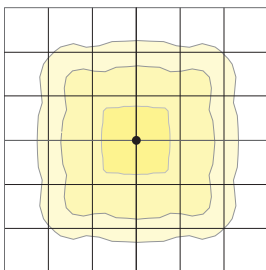
Type 4 Forward



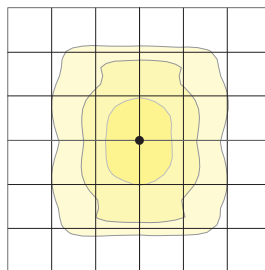
Type 4 Wide



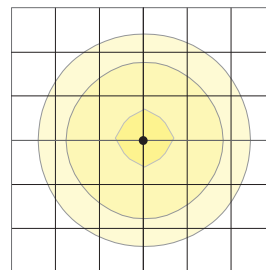
Type 5QM



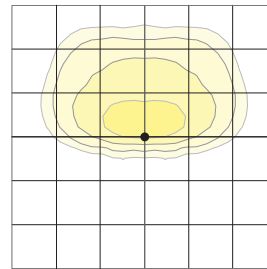
Type 5R (rectangular)



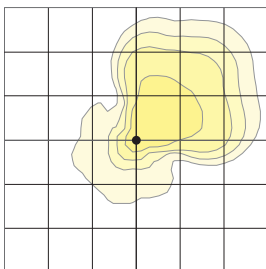
Type 5W (round wide)



Type TC



Type Corner

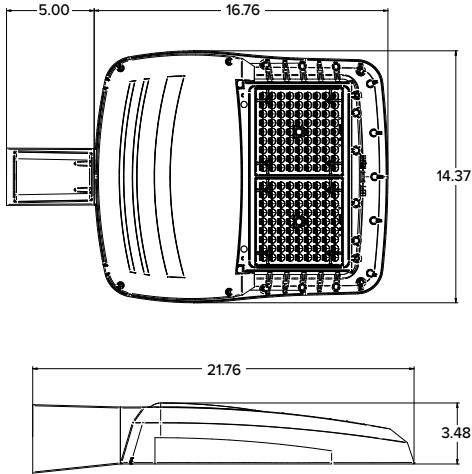


VIPER Area/Site

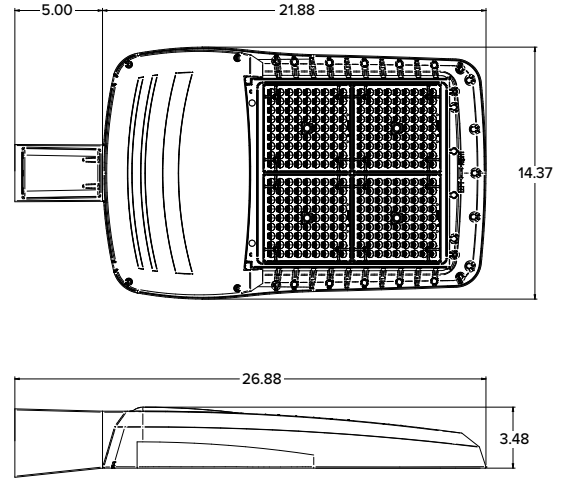
VIPER LUMINAIRE AMBER

DIMENSIONS

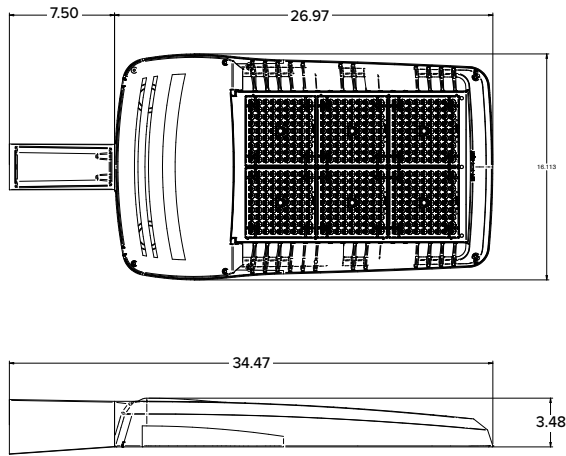
SIZE 1



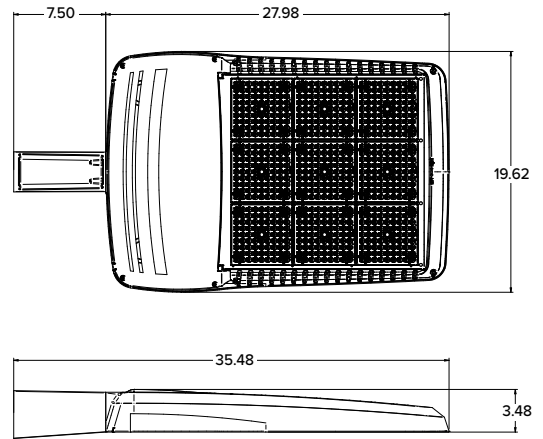
SIZE 2









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

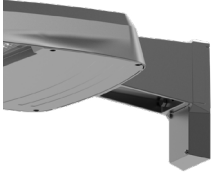
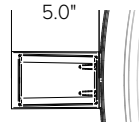
VIPER LUMINAIRE AMBER

MOUNTING



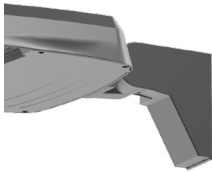
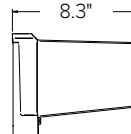
A-STRAIGHT ARM MOUNT

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

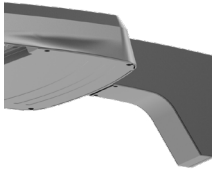
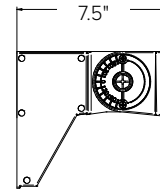
Universal mounting block for ease of installation. Compatible with drill patterns from 2.5" to 4.5" and Current drill pattern S2. For round poles add applicable suffix (2/3/4/5)



AAU-ADJUSTABLE ARM FOR POLE MOUNTING

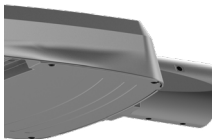
Rotatable arm mounts directly to pole. Compatible with drill patterns from 2.5" to 4.5" and Current drill pattern S2 and B3. For round poles add applicable suffix (2/3/4/5). Rotatable in 15° aiming angle increments. Micro Strike configurations have a 45° aiming limitation.

Strike configurations have a 30° aiming limitation.



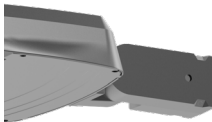
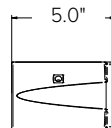
ADU-DECORATIVE UPSWEPT ARM

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).



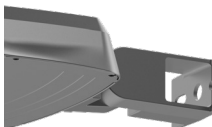
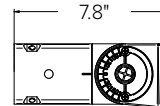
MAF-MAST ARM FITTER

Fits 2-3/8" OD horizontal tenons.



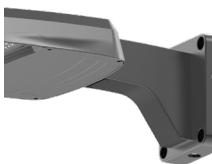
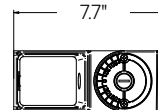
K-KNUCKLE

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.



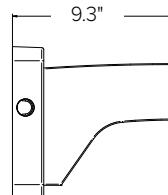
T-TRUNNION

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

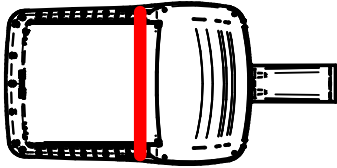
ADDITIONAL INFORMATION (CONTINUED)

HOUSE SIDE SHIELD FIELD INSTALL ACCESSORIES

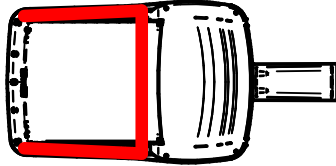
HSS has a depth of 5" for all Viper sizes

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

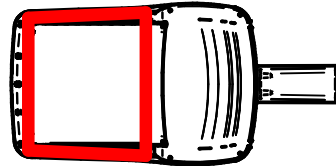
VPR2x HSS-90-B-xx



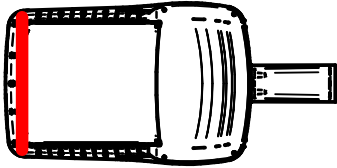
VPR2x HSS-270-BSS-xx



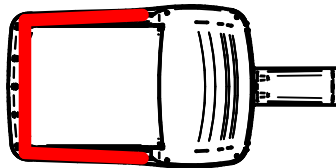
VPR2x HSS-360-xx



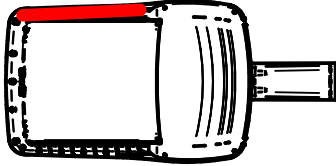
VPR2x HSS-90-F-xx



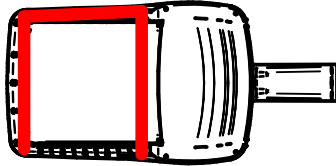
VPR2x HSS-270-FSS-xx



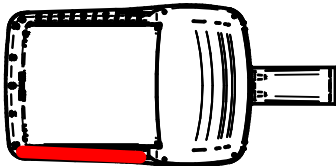
VPR2x HSS-90-S-xx



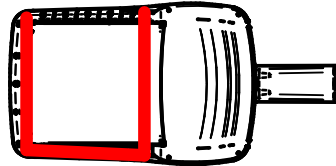
VPR2x HSS-270-FSB-xx



VPR2x HSS-90-S-xx



VPR2x HSS-270-FSB-xx



VIPER Area/Site

VIPER LUMINAIRE AMBER

ADDITIONAL INFORMATION (CONTINUED)

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