

# VIPER Area/Site

VIPER LUMINAIRE

MICROSTRIKE | STRIKE OPTICS

## 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
- Featuring two different optical technologies, Strike and Micro Strike Optics, which provide the best distribution patterns for retrofit or new construction
- Rated for high vibration applications including bridges and overpasses. All sizes are rated for 1.5G
- Control options including photo control, occupancy sensing, NX Distributed Intelligence™, wiSCAPE and 7-Pin with networked controls
- New customizable lumen output feature allows for the wattage and lumen output to be customized in the factory to meet whatever specification requirements may entail
- Field interchangeable mounting provides additional flexibility after the fixture has shipped



See Certification Specifications

## CONTROL TECHNOLOGY

**NX DISTRIBUTED™**  
INTELLIGENCE

**wiSCAPE™**

## 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

- Micro Strike Optics (160, 320, 480, or 720 LED counts) maximize uniformity in applications and come standard with mid-power LEDs which evenly illuminate the entire luminous surface area to provide a low glare appearance. Catalog logic found on page 2
- 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 to mimic the appearance of the Micro Strike Optics so both solutions can be combined on the same application. Catalog logic found on page 3
- Both 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

### INSTALLATION (CONTINUED)

- 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

### 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 Distributed Intelligence™ 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 the qualifications for DLC Premium
- 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. See [Buy American Solutions](#).

### WARRANTY

- 5 year warranty
- See [HLI Commercial and Industrial Outdoor Lighting Warranty](#) for additional information



### KEY DATA

Lumen Range	5,000–80,000
Wattage Range	36–600
Efficacy Range (LPW)	92–155
Weight lbs. (kg)	13.7-30.9 (6.2-13.9)

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## STRIKE OPTIC – ORDERING GUIDE

**Example:** VP-ST-1-36L-39-3K7-2-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-39 <sup>8</sup> 5500 lumens 36L-55 <sup>8</sup> 7500 lumens 36L-85 10000 lumens 36L-105 12500 lumens 36L-120 14000 lumens 72L-115 15000 lumens 72L-145 18000 lumens 72L-180 21000 lumens 72L-210 24000 lumens 72L-240 27000 lumens 108L-215 <sup>8</sup> 27000 lumens 108L-250 30000 lumens 108L-280 33000 lumens 108L-325 36000 lumens 108L-365 40000 lumens 162L-320 40000 lumens 162L-365 <sup>10</sup> 44000 lumens 162L-405 48000 lumens 162L-445 52000 lumens 162L-485 55000 lumens 162L-545 <sup>8</sup> 60000 lumens CLO Custom Lumen Output <sup>1</sup>	AM monochromatic amber, 595nm 27K8 2700K, 80 CRI 3K7 3000K, 70 CRI 3K8 3000K, 80 CRI 3K9 3000K, 90 CRI 35K8 3500K, 80 CRI 4K7 4000K, 70 CRI 4K8 4000K, 80 CRI 4K9 4000K, 90 CRI 5K7 5000K, 70 CRI 5K8 5000K, 80 CRI	FR Auto Front Row 2 Type 2 3 Type 3 4F Type 4 Forward 4W Type 4 Wide 5QN Type 5 Square Narrow 5QM Type 5 Square Medium 5QW Type 5 Square Wide 5W Type 5 Wide (Round) 5RW Type 5 Rectangular C Corner Optic TC Tennis Court Optic	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					
		3 Size 3					
		4 Size 4					

Mounting	Color	Options	Network Control Options
<b>A</b> Arm mount for square pole/flat surface <b>A_</b> Arm mount for round pole <sup>3</sup> <b>ASQU</b> Universal arm mount for square pole <b>A_U</b> Universal arm mount for round pole <sup>3</sup> <b>AAU</b> Adjustable arm for pole mounting (universal drill pattern) <b>AA_U</b> Adjustable arm mount for round pole <sup>3</sup> <b>ADU</b> Decorative upswept Arm (universal drill pattern) <b>AD_U</b> Decorative upswept arm mount for round pole <sup>3</sup> <b>MAF</b> Mast arm fitter for 2-3/8" OD horizontal arm <b>K</b> Knuckle <b>T</b> Trunnion <b>WB</b> Wall Bracket, horizontal tenon with MAF <b>WM</b> Wall mount bracket with decorative upswept arm <b>WA</b> Wall mount bracket with adjustable arm	<b>BLT</b> Black Matte Textured <b>BLS</b> Black Gloss Smooth <b>DBT</b> Dark Bronze Matte Textured <b>DBS</b> Dark Bronze Gloss Smooth <b>GTT</b> Graphite Matte Textured <b>LGS</b> Light Grey Gloss Smooth <b>LGT</b> Light Grey Gloss Textured <b>PSS</b> Platinum Silver Smooth <b>WHT</b> White Matte Textured <b>WHS</b> White Gloss Smooth <b>VG</b> Verde Green Textured <b>Color Option</b> <b>CC</b> Custom Color	<b>F</b> Fusing <b>E</b> Battery Backup <sup>1,2,7,8,9</sup> <b>2PF</b> Dual Power Feed <b>2DR</b> Dual Driver <b>TE</b> Toolless Entry <b>BC</b> Backlight Control <b>TB</b> Terminal Block	<b>NXSPW-14F</b> NX Wireless, PIR Occupancy Sensor, Dimming Daylight Harvesting, 14' <sup>1,4,5</sup> <b>NXSPW-40F</b> NX Wireless, PIR Occupancy Sensor, Dimming Daylight Harvesting, 40' <sup>1,4,5</sup> <b>NXSP-14F</b> NX, PIR Occupancy Sensor, Dimming Daylight Harvesting, 14' <sup>4,5</sup> <b>NXSP-40F</b> NX, PIR Occupancy Sensor, Dimming Daylight Harvesting, 40' <sup>4,5</sup> <b>NXWE</b> NX Wireless Enabled <sup>4,5</sup> <b>WIR</b> wiSCAPE® In-Fixture Module <sup>4,5</sup> <b>WIRSC</b> wiSCAPE® Module and Occupancy Sensor <sup>4,5</sup> <b>Stand Alone Sensors</b> <b>BTS-14F</b> Bluetooth® Programmable, PIR Occupancy/Daylight Sensor <sup>5</sup> <b>BTS-40F</b> Bluetooth® Programmable, PIR Occupancy/Daylight Sensor <sup>5</sup> <b>BTSO-12F</b> Bluetooth® Programmable, PIR Occupancy/Daylight Sensor, up to 12' mounting height <sup>5</sup> <b>7PR</b> 7-Pin Receptacle <sup>5</sup> <b>7PR-SC</b> 7-Pin Receptacle with shorting cap <sup>5</sup> <b>3PR</b> 3-Pin twist lock <sup>5</sup> <b>3PR-SC</b> 3-Pin receptacle with shorting cap <sup>5</sup> <b>3PR-TL</b> 3-Pin PCR with photocontrol <sup>5</sup> <b>Programmed Controls</b> <b>ADD</b> AutoDim Timer Based Dimming <sup>5</sup> <b>ADT</b> AutoDim Time of Day Dimming <sup>5</sup> <b>Photocontrols</b> <b>PC</b> Button Photocontrol <sup>5,6</sup>

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 “2” for 2.5”-3.4” OD pole, “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

10 – Some voltage restrictions may apply when combined with controls

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## ORDERING GUIDE (CONTINUED)

CATALOG #

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

## CONTROLS

wiSCAPE™ NX DISTRIBUTED INTELLIGENCE™

Control Option	Sensor	Networkable	Scheduling	Occupancy	Daylight Harvesting	On/Off Control	Programming	Pair with Sensor	Sensor Mounting Height
<a href="#">NXWE</a>	—	✓	✓	—	—	✓	✓	—	—
<a href="#">NXSPW_F</a>	<a href="#">NXSM-P</a>	✓	✓	✓	✓	✓	✓	—	14ft, 40ft
<a href="#">NXSP_F</a>	<a href="#">NXSM-P</a>	—	—	✓	✓	✓	—	—	14ft, 40ft
<a href="#">BTSO12F</a>	<a href="#">BTSMP-OMNI</a>	—	—	✓	✓	✓	Bluetooth	—	12ft
<a href="#">BTS_F</a>	<a href="#">BTSMP</a>	—	—	✓	✓	—	—	—	14ft, 40ft
<a href="#">ADD</a>	—	—	✓	—	—	✓	—	✓	—
<a href="#">ADT</a>	—	—	✓	—	—	✓	—	✓	—
<a href="#">7PR</a>	—	Paired with external control	Paired with external control	—	Paired with external control	Paired with external control	—	✓	—
<a href="#">7PR-SC</a>	—	—	—	—	—	—	—	✓	—
<a href="#">3PR</a>	—	—	—	—	—	Paired with external control	—	✓	—
<a href="#">3PR-SC</a>	—	—	—	—	—	—	—	✓	—
<a href="#">3PR-TL</a>	—	—	—	—	✓	✓	—	✓	—
<a href="#">WIR</a>	—	✓	✓	—	✓	✓	Gateway	—	—
<a href="#">WIRSC</a>	<a href="#">BTSMP</a>	✓	✓	✓	✓	✓	Gateway	—	14ft, 40ft

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## DELIVERED LUMENS

For delivered lumens, please see Lumens Data PDF on [www.hubbelllighting.com](http://www.hubbelllighting.com)

## PROJECTED LUMEN MAINTENANCE

Ambient Temp.	0	25,000	*TM-21-11 36,000	50,000	100,000	Calculated L <sub>70</sub> (Hours)
25°C / 77°F	1.00	0.97	0.96	0.95	0.91	408,000
40°C / 104°F	0.99	0.96	0.95	0.94	0.89	356,000

## LUMINAIRE AMBIENT TEMPERATURE FACTOR (LATF)

Ambient Temperature		Lumen Multiplier
0°C	32°F	1.03
10°C	50°F	1.01
20°C	68°F	1.00
25°C	77°F	1.00
30°C	86°F	0.99
40°C	104°F	0.98
50°C	122°F	0.97

Micro Strike Lumen Multiplier			
CCT	70 CRI	80 CRI	90 CRI
2700K	—	0.841	—
3000K	0.977	0.861	0.647
3500K	—	0.900	—
4000K	1	0.926	0.699
5000K	1	0.937	0.791
Monochromatic Amber Multiplier			
Amber	0.250		

Strike Lumen Multiplier			
CCT	70 CRI	80 CRI	90 CRI
2700K	—	0.859	—
3000K	0.941	0.912	0.703
3500K	—	0.906	—
4000K	1	0.894	0.734
5000K	1	0.879	0.711
Monochromatic Amber Multiplier			
Amber	0.255		



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## ELECTRICAL DATA: STRIKE

# OF LEDS	36				
NOMINAL WATTAGE	39	55	85	105	115
SYSTEM POWER (W)	39.6	56.8	83.6	108.2	113.7
INPUT VOLTAGE (V)	CURRENT (Amps)				
120	0.33	0.46	0.71	0.88	1.00
208	0.19	0.26	0.41	0.50	0.58
240	0.16	0.23	0.35	0.44	0.50
277	0.14	0.20	0.31	0.38	0.43
347	0.11	0.16	0.24	0.30	0.35
480	0.08	0.11	0.18	0.22	0.25

# OF LEDS	72				
NOMINAL WATTAGE	120	145	180	210	215
SYSTEM POWER (W)	120.9	143.2	179.4	210.2	214.8
INPUT VOLTAGE (V)	CURRENT (Amps)				
120	0.96	1.21	1.50	1.75	2.00
208	0.55	0.70	0.87	1.01	1.15
240	0.48	0.60	0.75	0.88	1.00
277	0.42	0.52	0.65	0.76	0.87
347	0.33	0.42	0.52	0.61	0.69
480	0.24	0.30	0.38	0.44	0.50

# OF LEDS	108				
NOMINAL WATTAGE	240	250	280	320	325
SYSTEM POWER (W)	241.7	250.8	278.3	322.1	324.7
INPUT VOLTAGE (V)	CURRENT (Amps)				
120	1.79	2.08	2.33	2.71	3.04
208	1.03	1.20	1.35	1.56	1.75
240	0.90	1.04	1.17	1.35	1.52
277	0.78	0.90	1.01	1.17	1.32
347	0.62	0.72	0.81	0.94	1.05
480	0.45	0.52	0.58	0.68	0.76

# OF LEDS	162				
NOMINAL WATTAGE	365	405	445	485	545
SYSTEM POWER (W)	362.6	403.6	445.1	487.1	543.9
INPUT VOLTAGE (V)	CURRENT (Amps)				
120	2.67	3.38	3.71	4.04	4.54
208	1.54	1.95	2.14	2.33	2.62
240	1.33	1.69	1.85	2.02	2.27
277	1.16	1.46	1.61	1.75	1.97
347	0.92	1.17	1.28	1.40	1.57
480	0.67	0.84	0.93	1.01	1.14

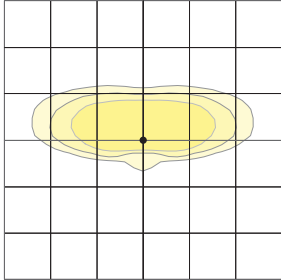
# VIPER Area/Site

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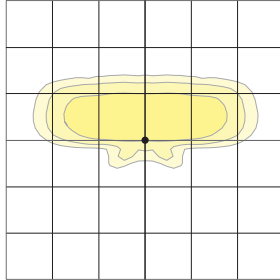
## OPTIC STRIKE PHOTOMETRY

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

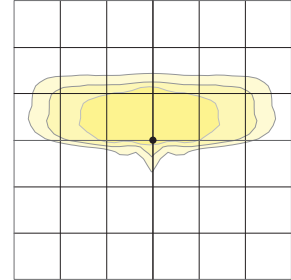
**Type FR – Front Row/Auto Optic**



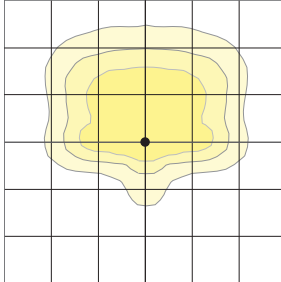
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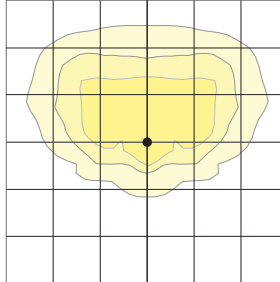
**Type 3**



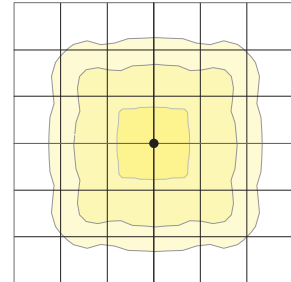
**Type 4 Forward**



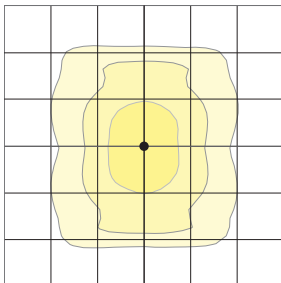
**Type 4 Wide**



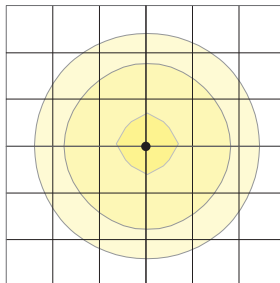
**Type 5QM**



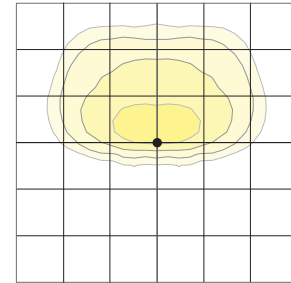
**Type 5R (rectangular)**



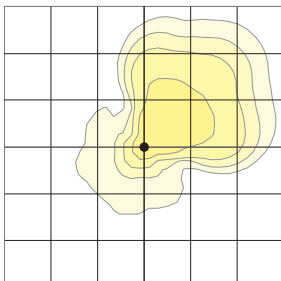
**Type 5W (round wide)**



**Type TC**



**Type Corner**

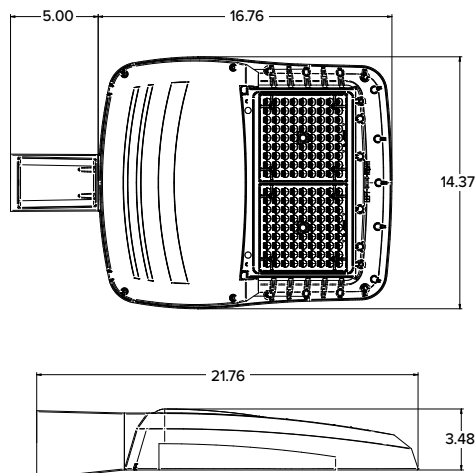


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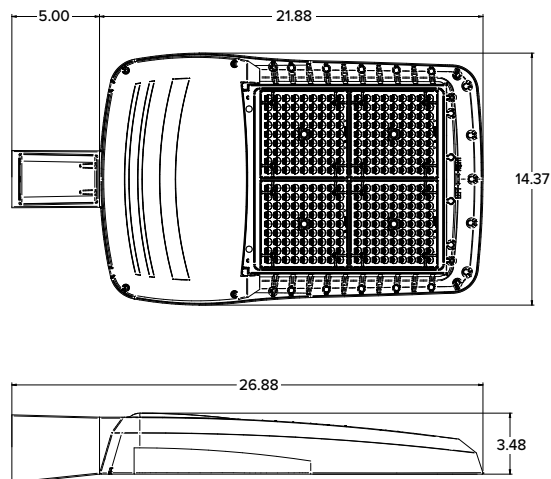
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## DIMENSIONS

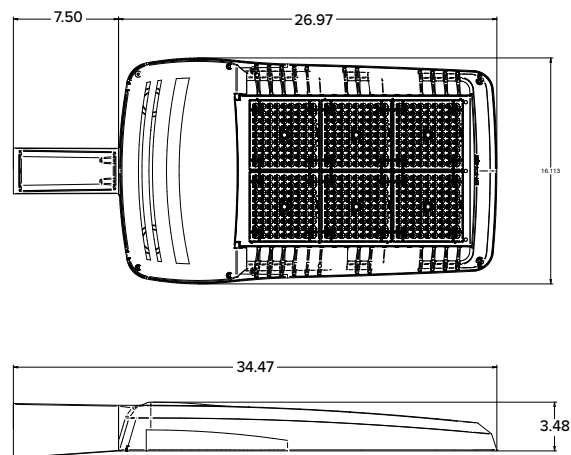
### SIZE 1



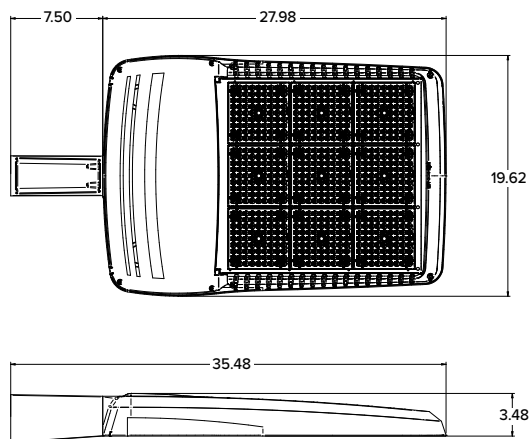
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




### 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

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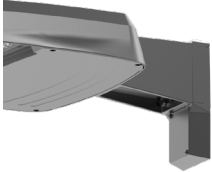
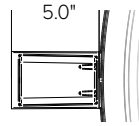
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## MOUNTING



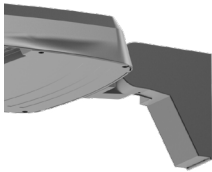
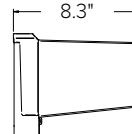
### ASQ-STRAIGHT ARM MOUNT

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



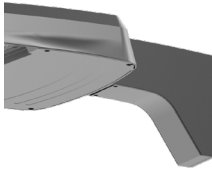
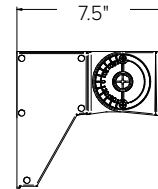
### ASQU-UNIVERSAL ARM MOUNT

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



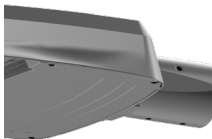
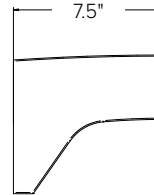
### AAU-ADJUSTABLE ARM FOR POLE MOUNTING

Rotatable arm mounts directly to pole. Compatible with drill patterns from 2.5" to 4.5" and Hubbell drill pattern S2. 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.



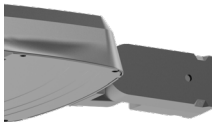
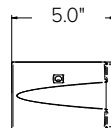
### ADU-DECORATIVE UPSWEPT ARM

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



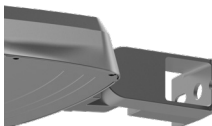
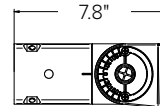
### MAF-MAST ARM FITTER

Fits 2-3/8" OD horizontal tenons.



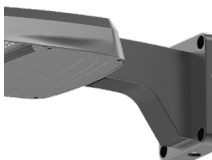
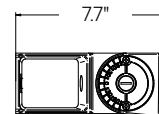
### K-KNUCKLE

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.



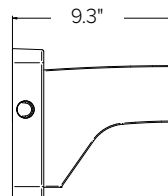
### T-TRUNNION

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.



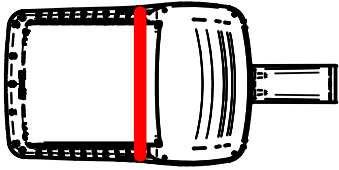
# VIPER Area/Site

VIPER LUMINAIRE

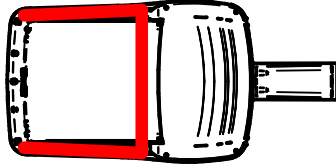
## ADDITIONAL INFORMATION (CONTINUED)

### HOUSE SIDE SHIELD FIELD INSTALL ACCESSORIES

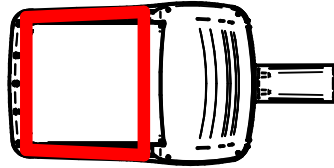
VPR2x HSS-90-B-xx



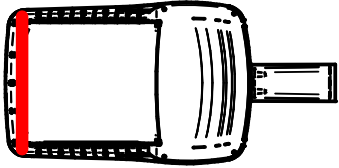
VPR2x HSS-270-BSS-xx



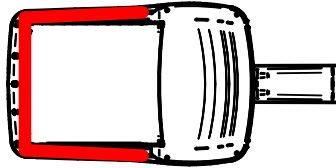
VPR2x HSS-360-xx



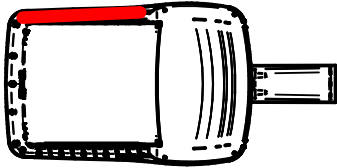
VPR2x HSS-90-F-xx



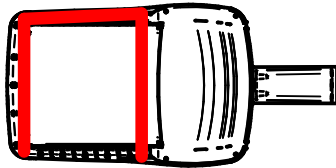
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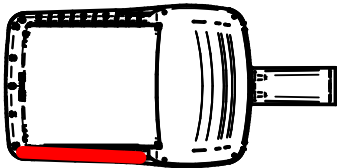
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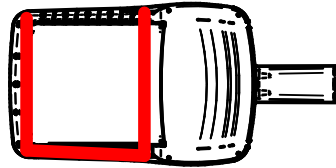
VPR2x HSS-270-FSB-xx



VPR2x HSS-90-S-xx



VPR2x HSS-270-FSB-xx



# VIPER Area/Site

VIPER LUMINAIRE

## 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

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