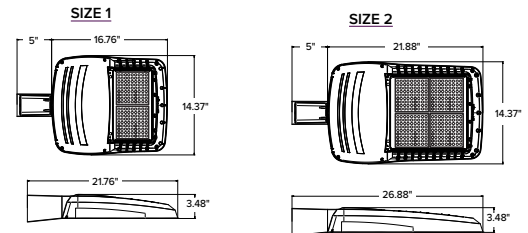


VIPER Area/Site

VIPER LUMINAIRE

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 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 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



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
- 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
- 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 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

CONTROLS







- 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 for twist lock photocontrols or wireless control modules (control accessories sold separately)
- 0-10V Dimming Drivers are standard.

CERTIFICATIONS

- DLC® (DesignLights Consortium Qualified), with some Premium Qualified configurations. Not all product variations listed in this document are DLC® qualified. Refer to <http://www.designlights.org> for the most up-to-date list.
- 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 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 (link to <https://www.currentlighting.com/resources/america-solutions>).
- FCC CFR Title 47 Part 15, Class A

WARRANTY

- 5 year warranty

	EPA		Config
	VP1 (Size 1)	VP2 (Size 2)	
Single Fixture	0.454	0.555	
Two at 180	0.908	1.110	
Two at 90	0.583	0.711	
Three at 90	1.037	1.266	
Three at 120	0.943	1.155	
Four at 90	1.166	1.422	

VIPER Area/Site

VIPER LUMINAIRE

MICROSTRIKE OPTICS – ORDERING GUIDE

Example: VP-2-320L-185-4K7-2-UNV-A-DBT-7PR-BABA

CATALOG # _____

VP Series	Optic Platform	Size	Light Engine	CCT/CRI	Distribution	Optic Rotation	Voltage
VP Viper Area	BLANK Micro Strike	1 Size 1	160L-35 35W - 5,500 Lumens 160L-50 50W - 7,500 Lumens 160L-75 75W - 10,000 Lumens 160L-100 100W - 12,500 Lumens 160L-115 115W - 15,000 Lumens 160L-135 135W - 18,000 Lumens 160L-160 160W - 21,000 Lumens	27K8 2700K, 80 CRI 3K7 3000K, 70 CRI 3K8 3000K, 80 CRI 35K8 3500K, 80 CRI	2 Type 2 3 Type 3 4W Type 4 Wide 5QW Type 5 Square Wide	BLANK No Rotation L Optic rotation left R Optic rotation right	UNV 120-277V 120 120V 208 208V 240 240V 277 277V
		2 Size 2	320L-145 145W - 21,000 Lumens 320L-170 170W - 24,000 Lumens 320L-185 185W - 27,000 Lumens 320L-210 210W - 30,000 Lumens 320L-235 235W - 33,000 Lumens 320L-255 255W - 36,000 Lumens	3K9 3000K, 90 CRI 4K7 4000K, 70 CRI 4K8 4000K, 80 CRI 4K9 4000K, 90 CRI 5K7 5000K, 70 CRI 5K8 5000K, 80 CRI			

Mounting	
A	Arm mount for square pole (B3 Drill Pattern) (Does not include round pole adapter)
A_	Arm mount for round pole ^{1,2}
ASQU	Universal arm mount for square pole. Can be used with B3 or S2 Drill Pattern ¹
A_U	Universal arm mount for round pole ^{1,2}
MAF	Mast arm fitter for 2-3/8" OD horizontal arm ¹
K	Knuckle ¹

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

Stand Alone Sensors ⁵	
7PR	7-Pin Receptacle ³
7PR-SC	7-Pin Receptacle with shorting cap ³
3PR	3-Pin Receptacle ³
3PR-SC	3-Pin receptacle with shorting cap ³

Options	
BABA	Meets BABA requirements ⁴

Notes:
 1 – Only available in Size 2
 2 – Replace “_” with “3” for 2.75”-4.13” OD pole, “4” for 4.18”-5.25” OD pole, “5” for 5.5”-6.5” OD pole
 3 – Customer must order 7-PR or 3-PR to qualify
 4 – Customer must select BABA
 5 – No other control options qualify for BABA

ELECTRICAL DATA: MICRO STRIKE

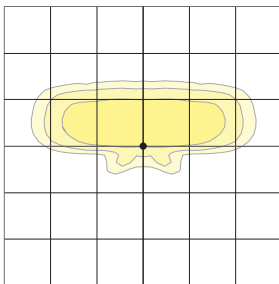
# OF LEDS	160						
NOMINAL WATTAGE	35	50	75	100	115	135	160
SYSTEM POWER (W)	34.9	50.5	72.1	97.2	111.9	132.2	157.8
INPUT VOLTAGE (V)	CURRENT (Amps)						
120	0.29	0.42	0.63	0.83	0.96	1.13	1.33
208	0.17	0.24	0.36	0.48	0.55	0.65	0.77
240	0.15	0.21	0.31	0.42	0.48	0.56	0.67
277	0.13	0.18	0.27	0.36	0.42	0.49	0.58
347	0.10	0.14	0.22	0.29	0.33	0.39	0.46
480	0.07	0.10	0.16	0.21	0.24	0.28	0.33

# OF LEDS	320					
NOMINAL WATTAGE	145	170	185	210	235	255
SYSTEM POWER (W)	150	166.8	185.7	216.2	240.9	261.5
INPUT VOLTAGE (V)	CURRENT (Amps)					
120	1.21	1.42	1.54	1.75	1.96	2.13
208	0.70	0.82	0.89	1.01	1.13	1.23
240	0.60	0.71	0.77	0.88	0.98	1.06
277	0.52	0.61	0.67	0.76	0.85	0.92
347	0.42	0.49	0.53	0.61	0.68	0.73
480	0.30	0.35	0.39	0.44	0.49	0.53

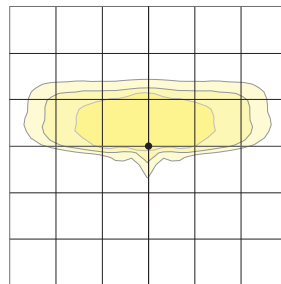
MICRO STRIKE PHOTOMETRY

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

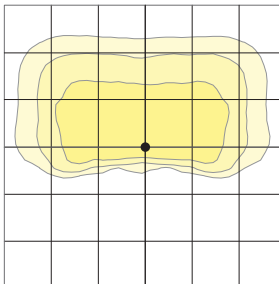
Type 2



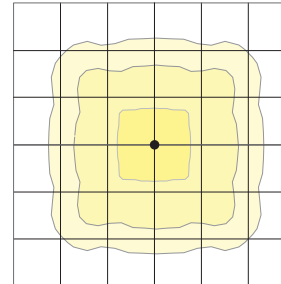
Type 3



Type 4 Wide



Type 5QW

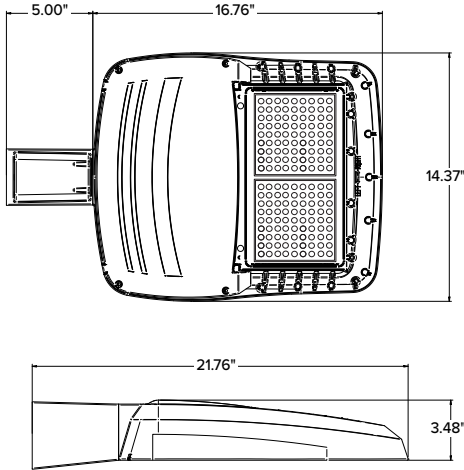


VIPER Area/Site

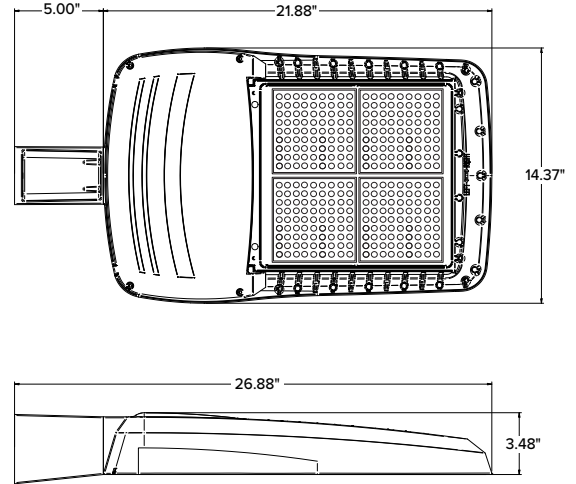
VIPER LUMINAIRE







DIMENSIONS

SIZE 1



SIZE 2



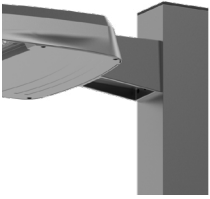
	EPA		
	VP1 (Size 1)	VP2 (Size 2)	Config.
Single Fixture	0.454	0.555	
Two at 180	0.908	1.110	
Two at 90	0.583	0.711	
Three at 90	1.037	1.266	
Three at 120	0.943	1.155	
Four at 90	1.166	1.422	

	Weight	
	lbs	kgs
VP1 (Size 1)	13.7	6.2
VP2 (Size 2)	16.0	7.26

VIPER Area/Site

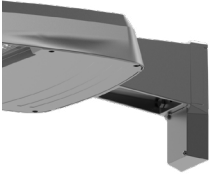
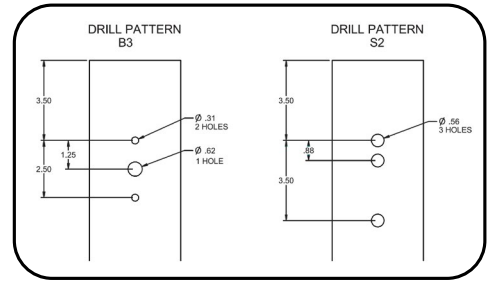
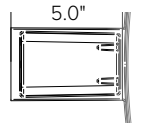
VIPER LUMINAIRE

MOUNTING



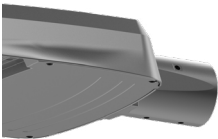
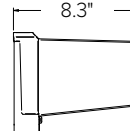
A-STRAIGHT ARM MOUNT

Fixture ships with integral arm for ease of installation. Compatible with Current Outdoor B3 drill pattern for ease of installation on square poles.



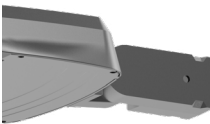
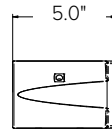
ASQU-UNIVERSAL ARM MOUNT

Universal mounting block for ease of installation. Compatible with drill patterns from 1.5" to 5.25" and Current drill pattern S2. For round poles add applicable suffix (2/3/4/5)



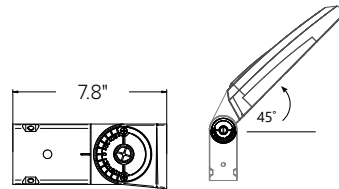
MAF-MAST ARM FITTER

Fits 2-3/8" OD horizontal tenons.



K-KNUCKLE

Rotatable in 5-degree aiming angle increments, fits 2-3/8" tenons or pipes. Micro Strike configurations have a 45° aiming limitation.



VIPER Area/Site

VIPER LUMINAIRE

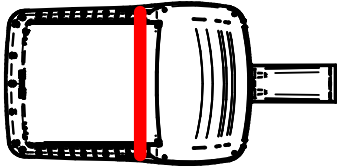
ADDITIONAL INFORMATION (CONTINUED)

HOUSE SIDE SHIELD FIELD INSTALL ACCESSORIES

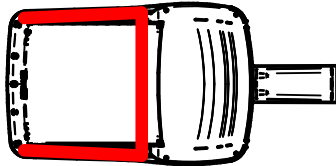
HSS has a depth of 5" for all Viper sizes

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

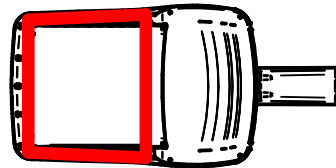
VPR2x HSS-90-B-xx



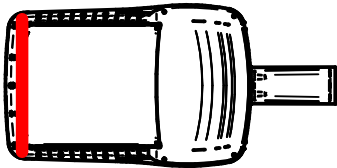
VPR2x HSS-270-BSS-xx



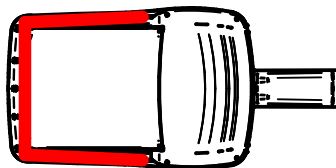
VPR2x HSS-360-xx



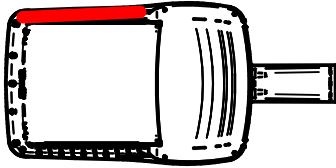
VPR2x HSS-90-F-xx



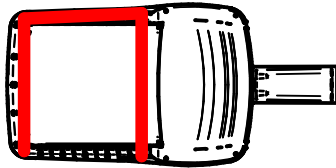
VPR2x HSS-270-FSS-xx



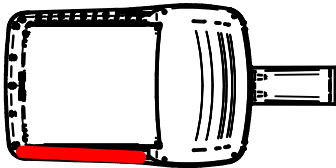
VPR2x HSS-90-S-xx



VPR2x HSS-270-FSB-xx



VPR2x HSS-90-S-xx



VPR2x HSS-270-FSB-xx

