

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 two different optical technologies, Micro Strike Optics and Silicone Strike 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 Lighting Controls™, LightGRID+ 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



CONTROL TECHNOLOGY



SERVICE PROGRAMS



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 4
- Silicone Strike Optics (40, 80, 120, or 180 LED counts) maximize uniformity in applications and provides the highest LPW. These include an integral gasket allowing for IP66 rating. Catalog logic found on page 2
- All 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

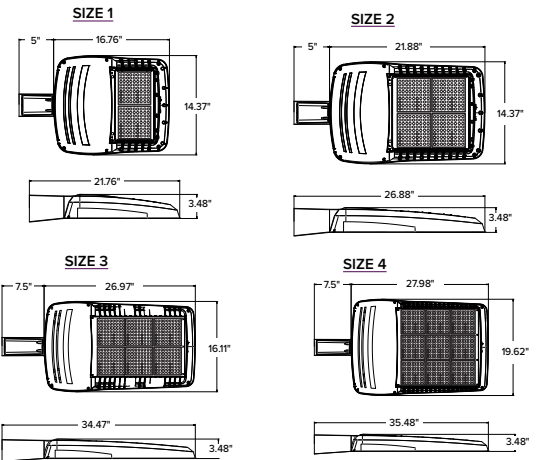
ELECTRICAL

- 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
- 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. Select CD option to have dimming leads extended outside the luminaire. Must specify if wiring leads are to be greater than the 6" standard.

MICRO STRIKE | SILICONE STRIKE



	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	

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

- 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 with Microstrike optics. Fixture is IP66 rated with Silicone Strike optics.
- 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](https://www.currentlighting.com/resources/america-solutions)).
- FCC CFR Title 47 Part 15, Class A
- IK10 (Silicone Strike Optics Only)

WARRANTY

- 5 year warranty

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SILICONE STRIKE OPTIC – ORDERING GUIDE

Example: VP-SS-1-40L-75-4K7-4W-UNV-ASQU-BLT

CATALOG #								
VP								
Series	Optic Platform	Size	Light Engine		CCT/CRI	Distribution		Optic Rotation
VP Viper	SS Strike Silicone	1 Size 1	40L-35	35W, 5,500 Lumens	22K7	2200K, 70 CRI	2 Type 2	BLANK
			40L-50	50W, 7,500 Lumens	27K7	2700K, 70 CRI	3 Type 3	No Rotation
			40L-65	65W, 10,000 Lumens	27K8	2700K, 80 CRI	4W Type 4 Wide	L Optic rotation left
			40L-80	80W, 12,500 Lumens	3K7	3000K, 70 CRI	4F Type 4 Forward	R Optic rotation right
			40L-100	100W, 15,000 Lumens	3K8	3000K, 80 CRI	5QM Type 5 Square Medium	
			40L-120	120W, 17,500 Lumens	35K8	3500K, 80 CRI	5QW Type 5 Square Wide	
			40L-140	140W, 20,000 Lumens	4K7	4000K, 70 CRI		
			40L-170	170W, 22,500 Lumens	4K8	4000K, 80 CRI		
			40L-195	195W, 25,000 Lumens	5K7	5000K, 70 CRI		
		2 Size 2	80L-75	75W, 12,500 Lumens	5K8	5000K, 80 CRI		
			80L-90	90W, 15,000 Lumens				
			80L-105	105W, 17,500 Lumens				
			80L-130	130W, 21,000 Lumens				
			80L-155	155W, 24,000 Lumens				
			80L-175	175W, 27,000 Lumens				
			80L-205	205W, 30,000 Lumens				
			80L-225	225W, 33,000 Lumens				
			80L-250	250W, 36,000 Lumens				
			80L-280	280W, 40,000 Lumens				
		3 Size 3	120L-190	190W, 30,000 Lumens				
			120L-205	205W, 33,000 Lumens				
			120L-230	230W, 36,000 Lumens				
			120L-265	265W, 40,000 Lumens				
			120L-295	295W, 44,000 Lumens				
			120L-320	320W, 48,000 Lumens				
			120L-355	355W, 52,000 Lumens				
			120L-380	380W, 55,000 Lumens				
			120L-420	420W, 60,000 Lumens				
		4 Size 4	180L-275	275W, 44,000 Lumens				
			180L-295	295W, 48,000 Lumens				
			180L-335	335W, 52,000 Lumens				
			180L-360	360W, 55,000 Lumens				
			180L-395	395W, 60,000 Lumens				
			180L-435	435W, 65,000 Lumens				
			180L-470	470W, 70,000 Lumens				
			180L-510	510W, 75,000 Lumens				
			180L-550	550W, 80,000 Lumens				

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SILICONE STRIKE OPTIC – ORDERING GUIDE (CONTINUED)

Mounting	Color	Options	Network Control Options
A Arm mount for square pole/flat surface	BLT Black Matte Textured	BC Backlight Control (3%)	NXWS16F NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming ^{1,4,5,14}
A_ Arm mount for round pole ³	BLS Black Gloss Smooth	MBC Max Backlight Control (1.5%)	NXWS40F NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming ^{1,4,5,14}
ASQU Universal arm mount for square pole	DBT Dark Bronze Matte Textured	LCC Left Corner Control	NXW NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor ^{4,5,14}
A_U Universal arm mount for round pole ³	DBS Dark Bronze Gloss Smooth	RCC Right Corner Control	WIR LightGRID+ In-Fixture Module ^{4,5}
AAU Adjustable arm for pole mounting (universal drill pattern)	GTT Graphite Matte Textured	F Fusing	WIRSC LightGRID+ Module and Occupancy Sensor ^{4,5}
AA_U Adjustable arm mount for round pole ³	LGS Light Grey Gloss Smooth	E Battery Backup ^{1,2,7,8,9}	Stand Alone Sensors
ADU Decorative upswept Arm (universal drill pattern)	LGT Light Grey Gloss Textured	2PF Dual Power Feed	BTS-14F Bluetooth® Programmable, BTSMP-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens ^{13, 14}
AD_U Decorative upswept arm mount for round pole ³	PSS Platinum Silver Smooth	2DR Dual Driver	BTS-40F Bluetooth® Programmable, BTSMP-HMO PIR Occupancy Sensor with Automatic Dimming® Photocell and 360° Lens ^{13, 14}
MAF Mast arm fitter for 2-3/8" OD horizontal arm	WHT White Matte Textured	TE Toolless Entry	BTSO-12F Bluetooth® Programmable, BTSMP-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens ^{13, 14}
K Knuckle	WHS White Gloss Smooth	TB Terminal Block	7PR 7-Pin Receptacle ⁴
T Trunnion	VG Verde Green Textured	CD Customer Dimming	7PR-SC 7-Pin Receptacle with shorting cap ⁴
WB Wall Bracket, horizontal tenon with MAF	Color Option	LS Lumen Switch	7PR-TL 7-Pin PCR with photocontrol
WM Wall mount bracket with decorative upswept arm	CC Custom Color		3PR 3-Pin twist lock ⁴
WA Wall mount bracket with adjustable arm			3PR-SC 3-Pin receptacle with shorting cap ⁴
			3PR-TL 3-Pin PCR with photocontrol ⁴
			Programmed Controls
			SCP-_F Sensor Control Programmable, 8F or 40F ¹¹
			ADD AutoDim Timer Based Dimming ¹²
			ADT AutoDim Time of Day Dimming ¹²

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 2.75”-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

¹⁰ – Some voltage restrictions may apply when combined with controls

¹¹ – At least one SCPREMOTE required to program SCP motion sensor. Must select 8ft or 40ft.

¹² - Please refer to page 8 for AutoDim ordering guide

¹³ - BTSO and BTS are only compatible at 50W or greater

¹⁴ - Not available on Viper Size 2 in 225-280W with 480V



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MICROSTRIKE OPTICS – ORDERING GUIDE

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

Gray Shading = Service Program Limit of 15 luminaires

QS10

Example: VP-2-320L-145-3K7-2-R-UNV-A3-BLT

CATALOG #

VP							
Series	Optic Platform	Size	Light Engine	CCT/CRI	Distribution	Optic Rotation	Voltage
VP Viper	Micro Strike	1 Size 1	160L-35 ⁶ 5500 lumens 160L-50 ⁶ 7500 lumens 160L-75 10000 lumens 160L-100 12500 lumens 160L-115 15000 lumens 160L-135 18000 lumens 160L-160 21000 lumens 320L-145 21000 lumens 320L-170 24000 lumens 320L-185 27000 lumens 320L-210 30000 lumens 320L-235 33000 lumens 320L-255 36000 lumens 320L-315 ⁶ 40000 lumens 480L-285 40000 lumens 480L-320 44000 lumens 480L-340 48000 lumens 480L-390 52000 lumens 480L-425 55000 lumens 480L-470 60000 lumens 720L-435 60000 lumens 720L-475 65000 lumens 720L-515 70000 lumens 720L-565 ⁶ 75000 lumens 720L-600 ⁶ 80000 lumens CLO Custom Lumen Output ¹	AP AP-Amber Phosphor Converted 27K8 2700K, 80 CRI 3K7 3000K, 70 CRI 3K8 3000K, 80 CRI 35K8 3500K, 80 CRI 3K9 3000K, 90 CRI 4K7 4000K, 70 CRI 4K8 4000K, 80 CRI 4K9 4000K, 90 CRI 5K7 5000K, 70 CRI 5K8 5000K, 80 CRI	2 Type 2 3 Type 3 4F Type 4 Forward 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 347 347V 480 480V
		2 Size 2					
		3 Size 3					
		4 Size 4					

Mounting	Color	Options	Network Control Options
A Arm mount for square pole/flat surface (B3 Drill Pattern) (Does not include round pole adapter)	BLT Black Matte Textured	F Fusing	NXWS16F NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming ^{1,3,4}
A_ Arm mount for round pole ²	BLS Black Gloss Smooth	2PF Dual Power Feed	NXWS40F NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming ^{1,3,4}
ASQU Universal arm mount for square pole. Can be used with B3 or S2 Drill Pattern	DBT Dark Bronze Matte Textured	2DR Dual Driver	NXW NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor ^{3,4}
A_U Universal arm mount for round pole ²	DBS Dark Bronze Gloss Smooth	TE Tooless Entry	WIR LightGRID+ In-Fixture Module ^{3,4}
AAU Adjustable arm for pole mounting (universal drill pattern)	GTT Graphite Matte Textured	BC Backlight Control ⁸	WIRSC LightGRID+ Module and Occupancy Sensor ^{3,4}
AA_U Adjustable arm mount for round pole ²	LGS Light Grey Gloss Smooth	TB Terminal Block	Stand Alone Sensors
ADU Decorative upswept Arm (universal drill pattern)	LGT Light Grey Gloss Textured	CD Customer Dimming	BTS-14F Bluetooth® Programmable, BTSMP-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
AD_U Decorative upswept arm mount for round pole ²	PSS Platinum Silver Smooth		BTS-40F Bluetooth® Programmable, BTSMP-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
MAF Mast arm fitter for 2-3/8" OD horizontal arm	WHT White Matte Textured		BTSO-12F Bluetooth® Programmable, BTSMP-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
K Knuckle	WHS White Gloss Smooth		7PR 7-Pin Receptacle ⁴
T Trunnion	VGT Verde Green Textured		7PR-SC 7-Pin Receptacle with shorting cap ⁴
WB Wall Bracket, horizontal tenon with MAF	Color Option		7PR-TL 7-Pin PCR with photocontrol
WM Wall mount bracket with decorative upswept arm	CC Custom Color		3PR 3-Pin twist lock ⁴
WA Wall mount bracket with adjustable arm			3PR-SC 3-Pin receptacle with shorting cap ⁴
			3PR-TL 3-Pin PCR with photocontrol ⁴
			Programmed Controls
			SCP_F Sensor Control Programmable, 8F or 40F ⁹
			ADD AutoDim Timer Based Dimming ¹⁰
			ADT AutoDim Time of Day Dimming ¹⁰

1 – Items with a grey background can be done as a custom order. Contact brand representative for more information
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 – Networked Controls cannot be combined with other control options
4 – Not available with 2PF option
5 – Not available with Dual Driver option
6 – Some voltage restrictions may apply when combined with controls
7 – Not available with 480V

8 – BC not available on 4F and type 5 distributions
9 – At least one SCPREMOTE required to program SCP motion sensor. Must select 8ft or 40ft.
10 - Please refer to page 8 for AutoDim ordering guide

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ORDERING GUIDE (CONT'D)

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														
		2	Size 2	HSS-90-F	House Side Shield 90° Front			BLT	Black Matte Textured												
		3	Size 3	HSS-90-S	House Side Shield 90° Side					DBS	Dark Bronze Gloss Smooth										
		4	Size 4	HSS-270-BSS	House Side Shield 270° Back/Side/Side							DBT	Dark Bronze Matte Textured								
		HSS-270-FSS	House Side Shield 270° Front/Side/Side	GTT	Graphite Matte Textured																
		HSS-270-FSB	House Side Shield 270° Front/Side/Back											LGS	Light Gray Gloss Smooth						
		HSS-360	House Side Shield 360°													PSS	Platinum Silver Smooth				
		BC	Back Light Control															WHS	White Gloss Smooth		
		A	Arm mount for square pole (B3 Drill Pattern) (Does not include round pole adapter)																	WHT	White Matte Textured
		ASQU	Universal Arm Mount for square pole																		
AAU	Adjustable Arm for pole mounting	LEG	Legacy Colors																		
ADU	Decorative upswept Arm					Color Option	CC	Custom Color													
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)																				
MTG				Mounting																	
Accessory Type					Option																
MSC	Miscellaneous		BIRD SPK	Bird Spike																	

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-GPS 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.	

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VIPER LUMINAIRE

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

OUTDOOR LIGHTING CONTROLS OPTIONS CONTROLS FUNCTIONALITY LIGHTGRID+

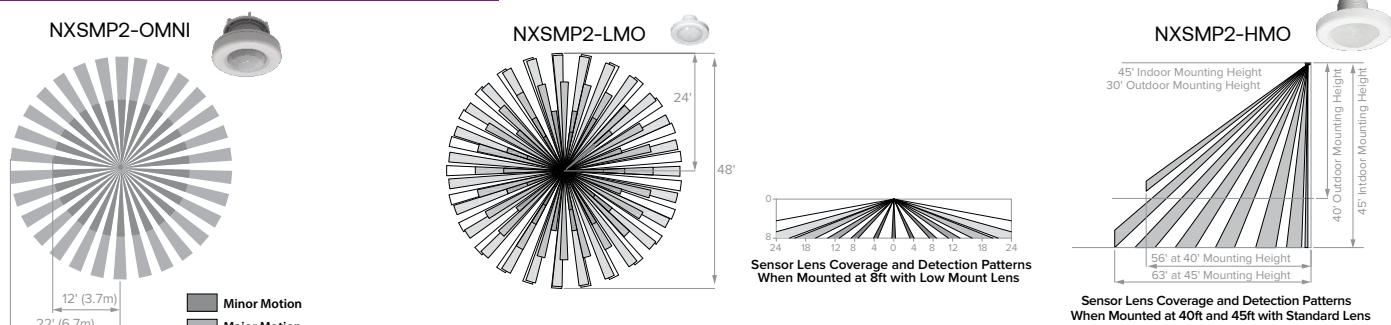
	Control Option Ordering Logic & Description	Control Option Functionality									Control Option Components
		Networkable	Grouping	Scheduling	Occupancy/ Motion	Daylight Harvesting	0-10V Dimming	On/Off Control	Bluetooth App Programming	Sensor Height	
NX Wireless	NXOFM2-1R1D-UNV	✓	✓	✓	Paired with external 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-GPS	✓	-	✓	-	-	✓	✓	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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DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

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



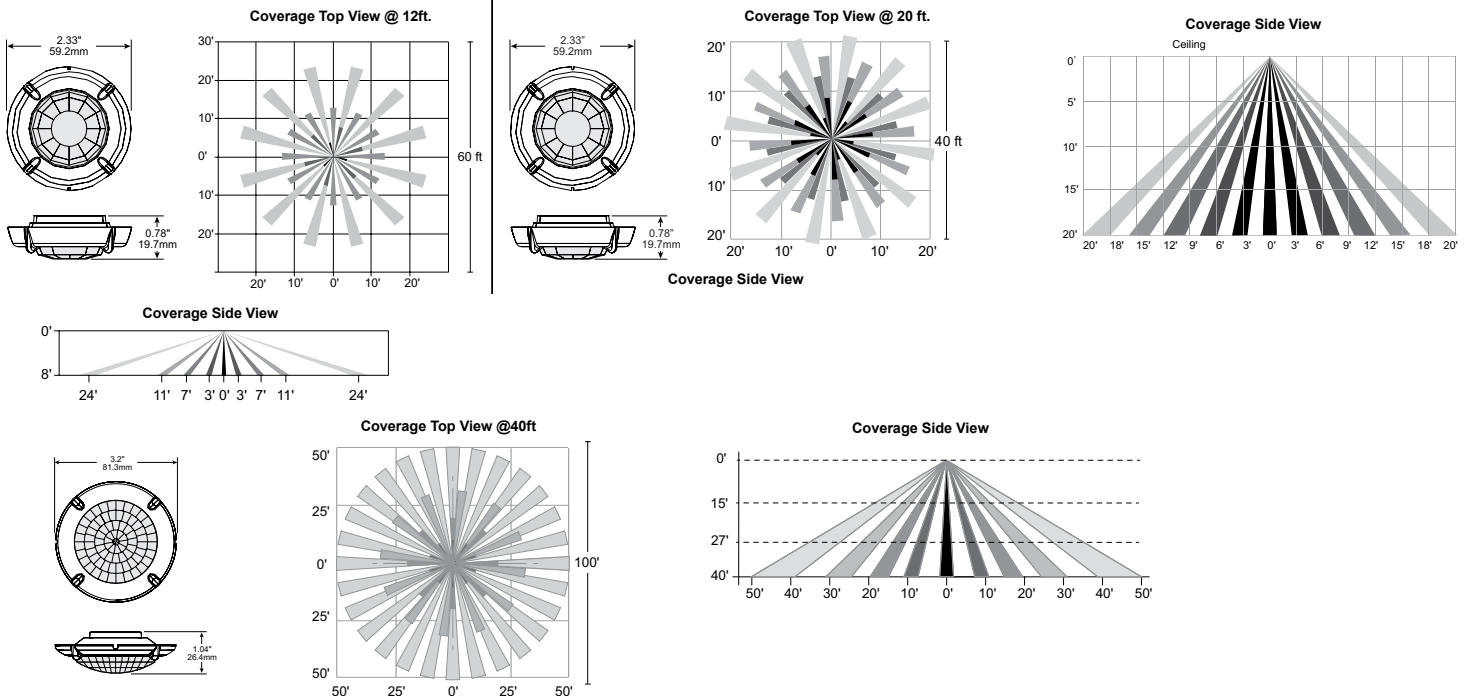
Google Play

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



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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

ORDERING GUIDE

Auto Dim Code	Timer Base (ADD) Auto-Dim Options		Auto Dim Cod	Time of Day (ADT) Auto-Dim Options	Code	Auto-Dim Brightness	Code	Auto-Dim Return Options	Code	Auto-Dim Brightness
D1	Delay 1 hour	OR	T0	Delay Midnight	0	100% Brightness	R1	Delay 1 hour or 1 AM	0	100% Brightness
D2	Delay 2 hours		T1	Delay 1 AM	1	10% Brightness	R2	Delay 2 hours or 2 AM	1	10% Brightness
D3	Delay 3 hours		T2	Delay 2 AM	2	20% Brightness	R3	Delay 3 hours or 3 AM	2	20% Brightness
D4	Delay 4 hours		T3	Delay 3 AM	3	30% Brightness	R4	Delay 4 hours or 4 AM	3	30% Brightness
D5	Delay 5 hours		T4	Delay 10 PM	4	40% Brightness	R5	Delay 5 hours or 5 AM	4	40% Brightness
D6	Delay 6 hours		T5	Delay 11 PM	5	50% Brightness	R6	Delay 6 hours or 6 AM	5	50% Brightness
D7	Delay 7 hours		T6	Delay 6 PM	6	60% Brightness	R7	Delay 7 hours or 7 AM	6	60% Brightness
D8	Delay 8 hours		T7	Delay 7 PM	7	70% Brightness	R8	Delay 8 hours or 8 AM	7	70% Brightness
D9	Delay 9 hours		T8	Delay 8 PM	8	80% Brightness	R9	Delay 9 hours or 9 AM	8	80% Brightness
D0	Delay 0 hours		T9	Delay 9 PM	9	90% Brightness	R0	Delay 0 hours or 12 AM	9	90% Brightness

DELIVERED LUMENS

For delivered lumens, please see Lumens Data PDF on www.Currentlighting.com

PROJECTED LUMEN MAINTENANCE

Ambient Temp.	0	25,000	*TM-21-11 36,000	50,000	100,000	Calculated L ₇₀ (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	Micro Strike Lumen Multiplier				Strike Lumen Multiplier				Silicone Strike Lumen Multiplier			
			CCT	70 CRI	80 CRI	90 CRI	CCT	70 CRI	80 CRI	90 CRI	CCT	70 CRI	80 CRI	90 CRI
0°C	32°F	1.03	2700K	—	0.841	—	2700K	0.9	0.81	0.62	2200K	0.811	—	—
10°C	50°F	1.01	3000K	0.977	0.861	0.647	3000K	0.933	0.853	0.659	2700K	0.906	0.774	—
20°C	68°F	1.00	3500K	—	0.900	—	3500K	0.959	0.894	0.711	3000K	0.943	0.868	—
25°C	77°F	1.00	4000K	1	0.926	0.699	4000K	1	0.9	0.732	3500K	—	0.868	—
30°C	86°F	0.99	5000K	1	0.937	0.791	5000K	1	0.9	0.732	4000K	1	0.906	—
40°C	104°F	0.98	AP-Amber Phosphor Converted Multiplier				Monochromatic Amber Multiplier				5000K	1	0.906	—
			Amber	0.710			Amber	See Amber Spec Sheet						

VIPER Area/Site

VIPER LUMINAIRE

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

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	315
SYSTEM POWER (W)	150	166.8	185.7	216.2	240.9	261.5	312
INPUT VOLTAGE (V)	CURRENT (Amps)						
120	1.21	1.42	1.54	1.75	1.96	2.13	2.63
208	0.70	0.82	0.89	1.01	1.13	1.23	1.51
240	0.60	0.71	0.77	0.88	0.98	1.06	1.31
277	0.52	0.61	0.67	0.76	0.85	0.92	1.14
347	0.42	0.49	0.53	0.61	0.68	0.73	0.91
480	0.30	0.35	0.39	0.44	0.49	0.53	0.66

# OF LEDS	480					
NOMINAL WATTAGE	285	320	340	390	425	470
SYSTEM POWER (W)	286.2	316.7	338.4	392.2	423.2	468
INPUT VOLTAGE (V)	CURRENT (Amps)					
120	2.38	2.67	2.83	3.25	3.54	3.92
208	1.37	1.54	1.63	1.88	2.04	2.26
240	1.19	1.33	1.42	1.63	1.77	1.96
277	1.03	1.16	1.23	1.41	1.53	1.70
347	0.82	0.92	0.98	1.12	1.22	1.35
480	0.59	0.67	0.71	0.81	0.89	0.98

# OF LEDS	720				
NOMINAL WATTAGE	435	475	515	565	600
SYSTEM POWER (W)	429.3	475	519.1	565.2	599.9
INPUT VOLTAGE (V)	CURRENT (Amps)				
120	3.63	3.96	4.29	4.71	5.00
208	2.09	2.28	2.48	2.72	2.88
240	1.81	1.98	2.15	2.35	2.50
277	1.57	1.71	1.86	2.04	2.17
347	1.25	1.37	1.48	1.63	1.73
480	0.91	0.99	1.07	1.18	1.25

VIPER Area/Site

VIPER LUMINAIRE

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

ELECTRICAL DATA: SILICONE STRIKE

# OF LEDS	40								
NOMINAL WATTAGE (W)	35	55	65	80	100	120	140	170	195
SYSTEM POWER (W)	34.4	47.4	63.3	82.2	101.7	121.6	141.4	168.8	193.0
INPUT VOLTAGE (V)	CURRENT (A)								
120	0.29	0.40	0.53	0.69	0.85	1.01	1.18	1.41	1.61
208	0.17	0.23	0.30	0.40	0.49	0.58	0.68	0.81	0.93
240	0.14	0.20	0.26	0.34	0.42	0.51	0.59	0.70	0.80
277	0.12	0.17	0.23	0.30	0.37	0.44	0.51	0.61	0.70
347	0.10	0.14	0.18	0.24	0.29	0.35	0.41	0.49	0.56
480	0.07	0.10	0.13	0.17	0.21	0.25	0.29	0.35	0.40

# OF LEDS	80									
NOMINAL WATTAGE (W)	75	90	105	130	155	175	205	225	250	280
SYSTEM POWER (W)	74.0	87.0	105.3	131.9	153.5	175.4	203.4	226.1	249.0	281.0
INPUT VOLTAGE (V)	CURRENT (A)									
120	0.62	0.73	0.88	1.10	1.28	1.46	1.70	1.88	2.08	2.34
208	0.36	0.42	0.51	0.63	0.74	0.84	0.98	1.09	1.20	1.35
240	0.31	0.36	0.44	0.55	0.64	0.73	0.85	0.94	1.04	1.17
277	0.27	0.31	0.38	0.48	0.55	0.63	0.73	0.82	0.90	1.01
347	0.36	0.42	0.51	0.63	0.74	0.84	0.98	1.09	1.20	1.35
480	0.15	0.18	0.22	0.27	0.32	0.37	0.42	0.47	0.52	0.59

# OF LEDS	120									
NOMINAL WATTAGE (W)	190	205	230	265	295	320	355	380	420	
SYSTEM POWER (W)	189.8	206.0	230.3	263.2	296.5	322.0	356.3	382.3	421.6	
INPUT VOLTAGE (V)	CURRENT (A)									
120	1.58	1.72	1.92	2.19	2.47	2.68	2.97	3.19	3.51	
208	0.91	0.99	1.11	1.27	1.43	1.55	1.71	1.84	2.03	
240	0.79	0.86	0.96	1.10	1.24	1.34	1.48	1.59	1.76	
277	0.69	0.74	0.83	0.95	1.07	1.16	1.29	1.38	1.52	
347	0.55	0.59	0.66	0.76	0.85	0.93	1.03	1.10	1.21	
480	0.40	0.43	0.48	0.55	0.62	0.67	0.74	0.80	0.88	

# OF LEDS	180									
NOMINAL WATTAGE (W)	275	295	335	360	395	435	470	510	550	
SYSTEM POWER (W)	272.7	296.8	333.2	357.8	394.7	432.4	470.2	508.7	547.4	
INPUT VOLTAGE (V)	CURRENT (A)									
120	2.27	2.47	2.78	2.98	3.29	3.60	3.92	4.24	4.56	
208	1.31	1.43	1.60	1.72	1.90	2.08	2.26	2.45	2.63	
240	1.14	1.24	1.39	1.49	1.64	1.80	1.96	2.12	2.28	
277	0.98	1.07	1.20	1.29	1.42	1.56	1.70	1.84	1.98	
347	0.79	0.86	0.96	1.03	1.14	1.25	1.36	1.47	1.58	
480	0.57	0.62	0.69	0.75	0.82	0.90	0.98	1.06	1.14	

VIPER Area/Site

VIPER LUMINAIRE

DATE: _____ LOCATION: _____

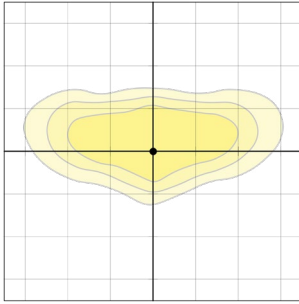
TYPE: _____ PROJECT: _____

CATALOG #: _____

SILICONE OPTIC STRIKE PHOTOMETRY

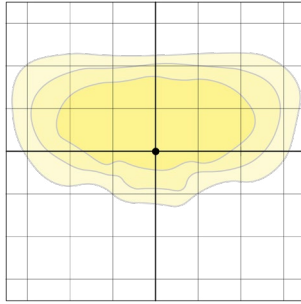
The following diagrams represent the general distribution options offered for this product. For detailed information on specific product configurations, see website photometric test reports.

Type 2



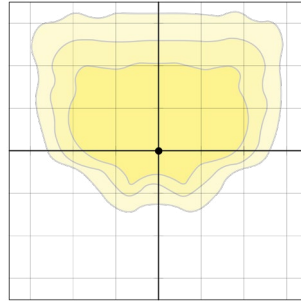
Mounting Height: 20 ft
Scale: 1 inch = 25 ft

Type 3



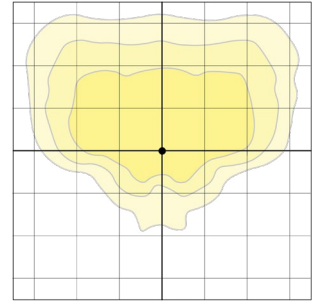
Mounting Height: 20 ft
Scale: 1 inch = 25 ft

Type 4 Forward



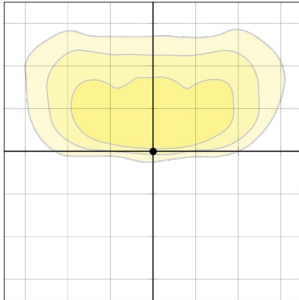
Mounting Height: 20 ft
Scale: 1 inch = 25 ft

Type 4 Wide



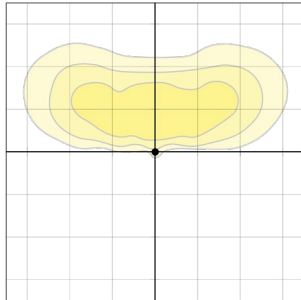
Mounting Height: 20 ft
Scale: 1 inch = 25 ft

Type 4WBC



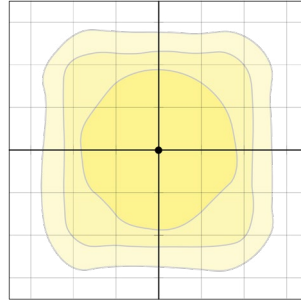
Mounting Height: 20 ft
Scale: 1 inch = 25 ft

Type 4WMB



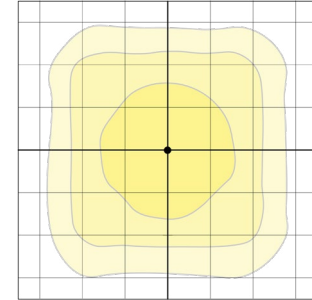
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Scale: 1 inch = 25 ft

Type 5QM



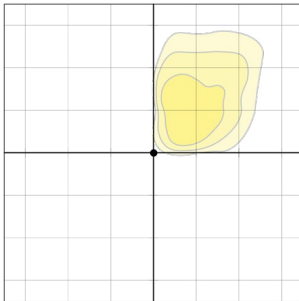
Mounting Height: 20 ft
Scale: 1 inch = 25 ft

Type 5QW



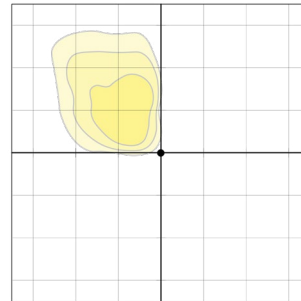
Mounting Height: 20 ft
Scale: 1 inch = 25 ft

Type LCC



Mounting Height: 20 ft
Scale: 1 inch = 25 ft

Type RCC



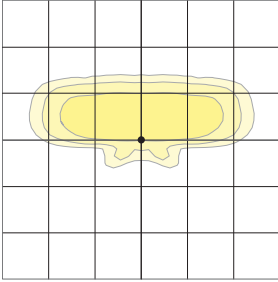
Mounting Height: 20 ft
Scale: 1 inch = 25 ft

VIPER Area/Site

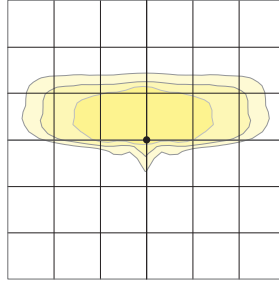
VIPER LUMINAIRE

MICRO STRIKE PHOTOMETRY

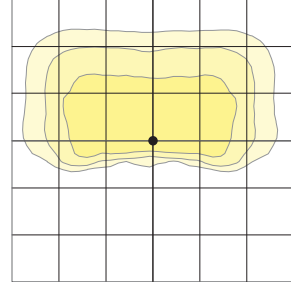
The following diagrams represent the general distribution options offered for this product. For detailed information on specific product configurations, see website photometric test reports.

Type 2


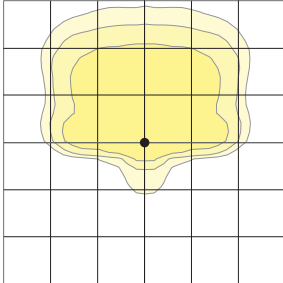
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Scale: 1 inch = 20 ft

Type 3


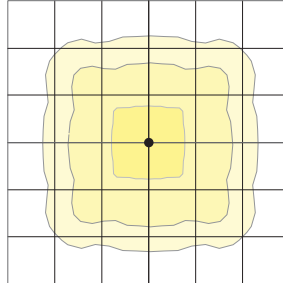
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 4 Wide


Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 4F


Mounting Height: 20 ft
Scale: 1 inch = 20 ft

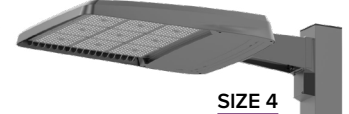
Type 5QW


Mounting Height: 20 ft
Scale: 1 inch = 20 ft

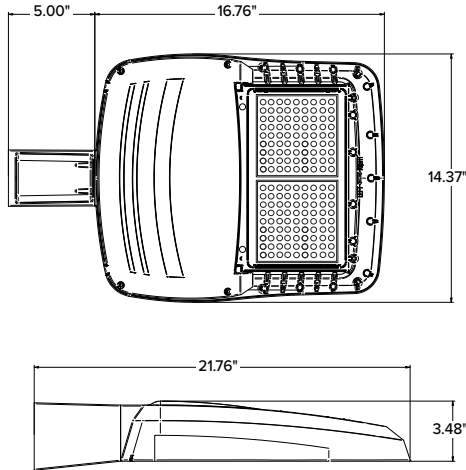
VIPER Area/Site

VIPER LUMINAIRE

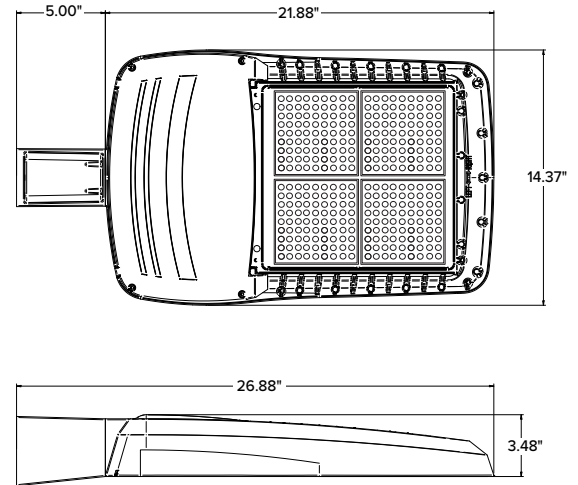
DIMENSIONS



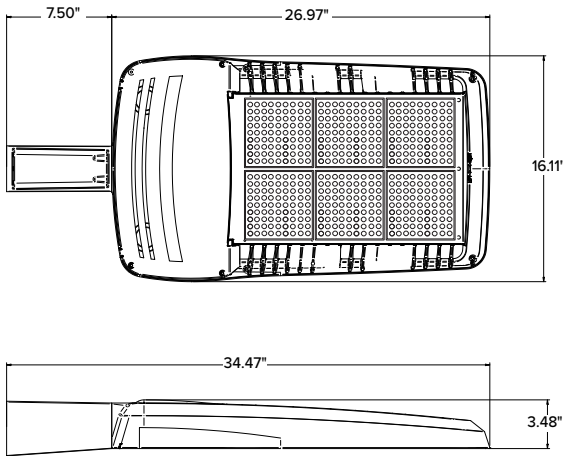
SIZE 1



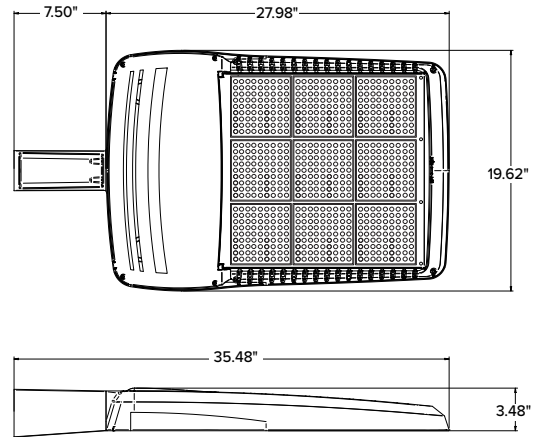
SIZE 2



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

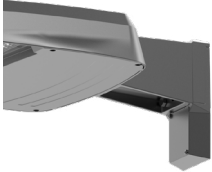
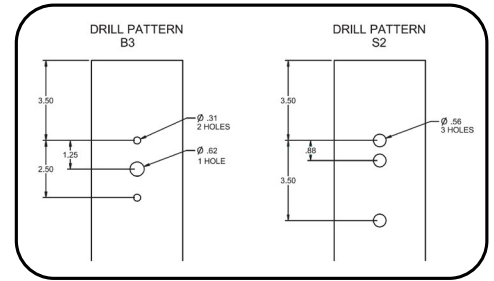
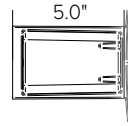
VIPER LUMINAIRE

MOUNTING



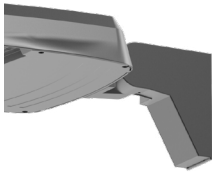
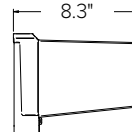
A-STRAIGHT ARM MOUNT

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)



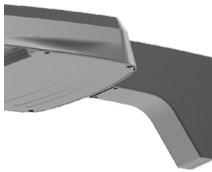
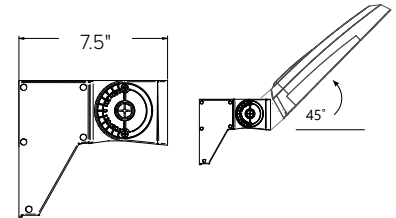
ASQU-UNIVERSAL ARM MOUNT

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



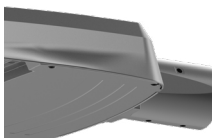
AAU-ADJUSTABLE ARM FOR POLE MOUNTING

Rotatable arm mounts directly to pole. Compatible with drill patterns from 1.5" to 5.25" and Current drill pattern S2 and B3. For round poles add applicable suffix (2/3/4/5). Rotatable in 5° aiming angle increments. Micro Strike configurations have a 45° aiming limitation. Strike configurations have a 30° aiming limitation.



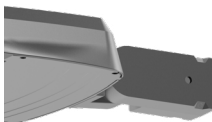
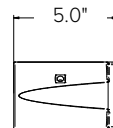
ADU-DECORATIVE UPSWEPT ARM

Upswept Arm compatible with drill patterns from 1.5" to 5.25" and Current drill pattern S2. For round poles add applicable suffix (2/3/4/5).



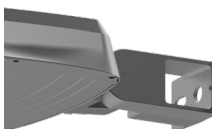
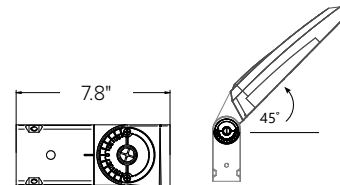
MAF-MAST ARM FITTER

Fits 2-3/8" OD horizontal tenons.



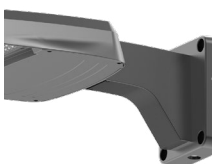
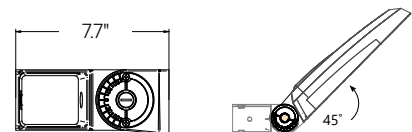
K-KNUCKLE

Rotatable in 5-degree aiming angle increments, fits 2-3/8" tenons or pipes. Micro Strike configurations have a 45° aiming limitation. Strike configurations have a 30° aiming limitation.



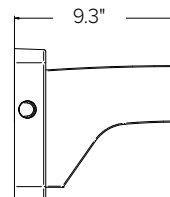
T-TRUNNION

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)

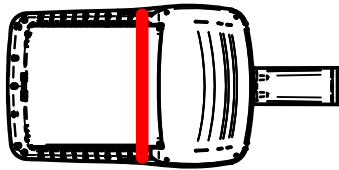
HOUSE SIDE SHIELD FIELD INSTALL ACCESSORIES

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.

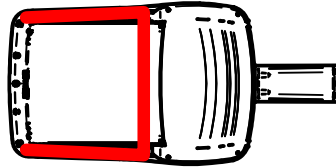


Viper size 3 shown with:
 VP-2-SHLD-HSS-360-XX

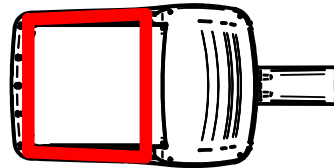
VP-2-SHLD-HSS-90-B-XX



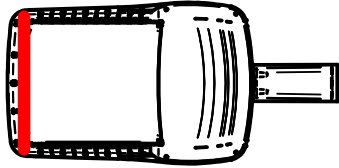
VP-2-SHLD-HSS-270-BSS-XX



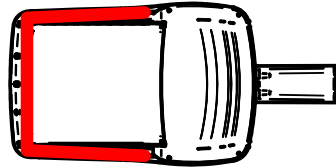
VP-2-SHLD-HSS-360-XX



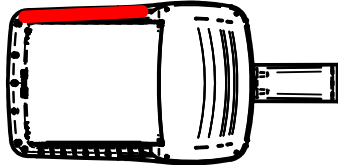
VP-2-SHLD-HSS-90-F-XX



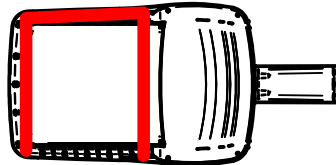
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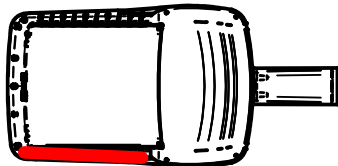
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VP-2-SHLD-HSS-270-FSB-XX



VP-2-SHLD-HSS-90-S-XX



VP-2-SHLD-HSS-270-FSB-XX

