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VIPER Floodlight

VIPER LUMINAIRE

DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

OPTICS STRIKE

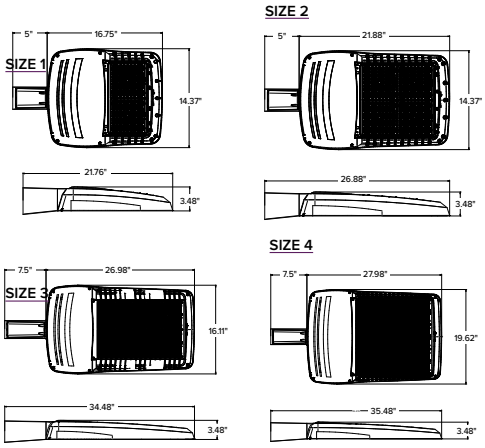
FEATURES

- Low profile LED floodlighting luminaire with a variety of NEMA distributions for lighting applications such as accent lighting, sign lighting, distribution center, and general area lighting.
- Vibration rated for high vibration applications including bridges and overpasses. All housing sizes are rated for 1.5G
- Control options including photo control, occupancy sensing, NX Lighting Controls, 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

c UL us IP65 BAA TAA

CONTROL TECHNOLOGY

NX CONNECT NX WIRED NX WIRELESS LIGHTGRID+



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 construction 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.
- One-piece silicone gasket ensures a weatherproof seal

INSTALLATION

- Mounting patterns for each arm can be found on page 10
- All mounting hardware included
- Knuckle arm fitter option available for 2-3/8" OD tenon
- Control options are only available on the knuckle mount option and must be installed on a vertical tenon

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
- 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

- Listed to UL1598 and CSA C22.2#250.0-24 for wet locations and 40˚C ambient temperatures
- 1.5 G rated for ANSI C136.31 high vibration applications
- Fixture is IP65 rated
- This product meets federal procurement law requirements under the Buy American Act (FAR 52.225-9) and Trade Agreements Act (FAR 52.225-11). See Buy America(n) Solutions (link to https://www.currentlighting.com/resources/america-solutions)

WARRANTY

- 5 year warranty

	EPA			
	Size 1	Size 2	Size 3	Size 4
30º	0.827	1.023	1.423	1.850
60º	1.419	1.837	2.419	3.080

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STRIKE OPTIC – ORDERING GUIDE

Example: VP-F-ST-1-36L-20-AM-UNV-K-BLT

CATALOG #

VP-F

Series	
VP-F	Viper Flood

Optic Platform	
ST	Strike

Size	
1	Size 1
2	Size 2
3	Size 3
4	Size 4

Light Engine	
36L-15	36 LED, 15W [1]
36L-20	36 LED, 20W [1]
36L-25	36 LED, 25W [1]
36L-30	36 LED, 30W [1]
36L-40	36 LED, 40W
36L-50	36 LED, 50W
36L-65	36 LED, 65W
72L-35	72 LED, 35W [1]
72L-45	72 LED, 45W [1]
72L-55	72 LED, 55W
72L-65	72 LED, 65W
72L-80	72 LED, 80W
72L-100	72 LED, 100W
72L-125	72 LED, 125W
108L-80	108 LED, 80W [1]
108L-105	108 LED, 105W
108L-130	108 LED, 130W
108L-185	108 LED, 185W
162L-120	162 LED, 120W
162L-155	162 LED, 155W
162L-200	162 LED, 200W
162L-280	162 LED, 280W

CCT/CRI	
AM	monochromatic amber, 595nm

Distribution	
3X3	Narrow Flood
5X5	Medium Flood
4X6	Vertical Flood
6X4	Horizontal Flood

Voltage	
UNV	120-277V
120	120V
208	208V
240	240V
277	277V
347	347V
480	480V

Mounting	
AAU	Adjustable Arm
AA_U	Adjustable arm mount for round pole [3]
K	Knuckle
T	Trunnion

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
LEG	Legacy Colors
Color Option	
CC	Custom Color

Options	
F	Fusing
2PF	Dual Power Feed [7]
2DR	Dual Driver
TE	Tooless Entry
TB	Terminal Block

Network Control Options	
NXWS16F	NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming [4,5,7]
NXWS40F	NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming [4,5,7]
NXW	NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor [4,5,7]
WIR	LightGRID+ In-Fixture Module [4,5,7,8]
Stand Alone Sensors	
BTS-14F	Bluetooth® Programmable, BTSMP-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens [4,5,7]
BTS-40F	Bluetooth® Programmable, BTSMP-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens [4,5,7]
BTSO-12F	Bluetooth® Programmable, BTSMP-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens [4,5,7]
Stand Alone Sensors	
7PR	7-Pin Receptacle [5,7]
7PR-SC	7-Pin Receptacle with shorting cap [5,7]
3PR	3-Pin twist lock [5,7]
3PR-SC	3-Pin receptacle with shorting cap [5,7]
3PR-TL	3-Pin PCR with photocontrol [5,7]
Programmed Controls	
ADD	AutoDim Timer Based Dimming [5]
ADT	AutoDim Time of Day Dimming [5]

1 - Not available with Dual Driver option
2 - Consult factory for availability in 347 or 480V
3 - Replace "-" with "3" for 3.5"-4.13", "4" for 4.18"-5.25", "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 347 or 480V
7 - Not available with Trunnion Mount
8 - Not available in Size 1

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ORDERING GUIDE (CONTINUED)

CATALOG #

Accessory Type		Size		Option		Color	
SHD	Shield	**1**	Size 1	**VISOR**	Visor Accessory [1]	**BLS**	Black Gloss Smooth
		2	Size 2			**BLT**	Black Matte Textured
		3	Size 3			**DBS**	Dark Bronze Gloss Smooth
		4	Size 4			**DBT**	Dark Bronze Matte Textured
MTG	Mounting			**A**	Arm Mount for square pole/flat surface	**GTT**	Graphite Matte Textured
				ASQU	Universal Arm Mount for square pole	**LGS**	Light Gray Gloss Smooth
				AAU	Adjustable Arm for pole mounting	**PSS**	Platinum Silver Smooth
				ADU	Decorative upswept Arm	**WHS**	White Gloss Smooth
				RPA	Round Pole Adapter	**WHT**	White Matte Textured
				MAF	Mast Arm Fitter for 2-3/8" OD horizontal arm	**VGT**	Verde Green Textured
				K	Knuckle	**LEG**	Legacy Colors
				T	Trunnion	**Color Option**	
				WB	Wall Bracket (compatible with universal arm mounts)	**CC**	Custom Color

Accessory Type		Option	
MSC	Miscellaneous	**BIRD SPK**	Bird Spike

Current Control Solutions — Accessories (Sold Separately)

NX Lighting Controls

☐ **NXOFM-1R1D-UNV** — On-fixture Module (7-pin), On / Off / Dim, Daylight Sensor with NX Radio and Bluetooth® Radio, 120–480VAC

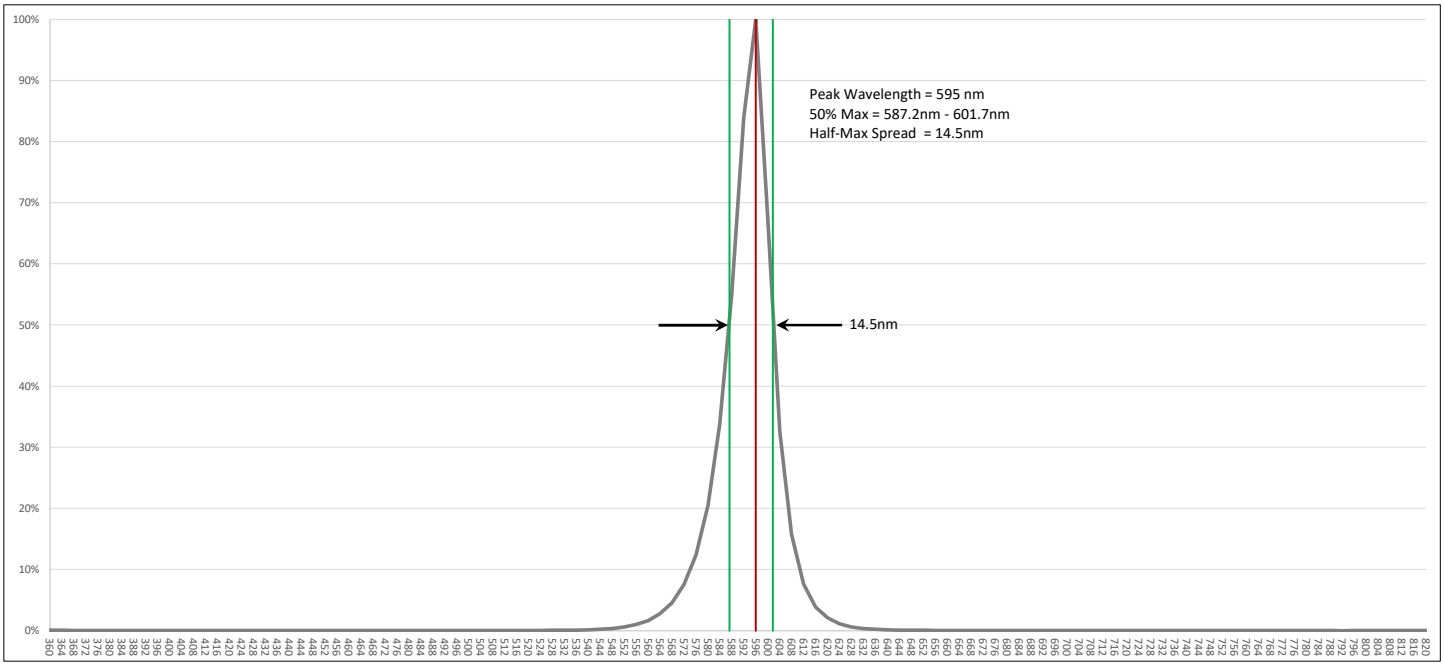
LightGRID+ Lighting Control

☐ **WIR-RME-L** — On-fixture Module (7-pin or 5-pin), On / Off / Dim, Daylight Sensor with wiSCAPE Radio, 110–480VAC

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.

1 – Visor will block occupancy sensors

SPECTRAL CHART



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OUTDOOR LIGHTING CONTROLS OPTIONS

CONTROLS FUNCTIONALITY

LIGHTGRID+ NX LIGHTING CONTROLS MOBILE APP

	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	NXOFM1R1D-UNV	NX 7-Pin Twist-Lock® with NX Networked Wireless Radio, Integral Automatic Dimming Photocell, Integral Single Pole Relay with Dimming, and Bluetooth Programming	✓	✓	✓	Paired with external control	✓	✓	✓	✓	–		NXOFM-1R1D-UV
NX Wireless	NXW	NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor	✓	✓	✓	–	–	✓	✓	✓	–		NXRM2-H
NX Wireless	NXWS12F	NX Networked Wireless Enabled Integral NXSMP2-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming	✓	✓	✓	✓	✓	✓	✓	✓	12ft		NXSMP2-OMNI-O
NX Wireless	NXWS16F	NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming	✓	✓	✓	✓	✓	✓	✓	✓	16ft		NXSMP2-LMO
NX Wireless	NXWS40F	NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming	✓	✓	✓	✓	✓	✓	✓	✓	40ft		NXSMP2-HMO
LightGRID+	WIR	LightGRID+ In-Fixture Module	✓	–	✓	–	–	✓	✓	Gateway	–		WIR
LightGRID+	WIR-RME-L	LightGRID+ On Fixture Module	✓	–	✓	–	–	✓	✓	Gateway	–		WIR-RME-L
LightGRID+	WIRSC	LightGRID+ Module and Occupancy Sensor	✓	✓	✓	✓	✓	✓	✓	Gateway	14ft - 40ft		BTMSP
Independent	BTSO-12F	Bluetooth® Programmable, BTSMP-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens	–	–	–	✓	✓	✓	✓	✓	12ft		BTSMP-OMNI-O
Independent	BTS-14F	Bluetooth® Programmable, BTSMP-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens	–	–	–	✓	✓	✓	✓	✓	14ft		BTSMP-LMO
Independent	BTS-40F	Bluetooth® Programmable, BTSMP-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens	–	–	–	✓	✓	✓	✓	✓	40ft		BTSMP-HMO

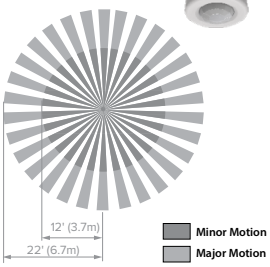
DEFAULT SETTINGS

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

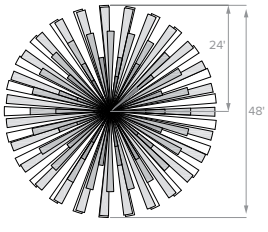
Stand Alone	
Occupancy Sensor	Enabled
Occupancy Sensor Sensitivity	7
Occupancy Sensor Timeout	8 Minutes
Occupied Dim Level	100%
Unoccupied Dim Level	50%
Daylight Sensor	Disabled

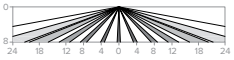
NX WIRELESS COVERAGE PATTERNS

NXSMP2-OMNI



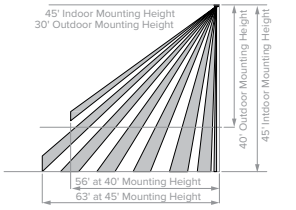
NXSMP2-LMO





Sensor Lens Coverage and Detection Patterns
When Mounted at 8ft with Low Mount Lens

NXSMP2-HMO



Sensor Lens Coverage and Detection Patterns
When Mounted at 40ft and 45ft with Standard Lens

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NX LIGHTING CONTROLS FREE APP

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

The NX Lighting Controls App is free to use mobile application for programming both NX Lighting Controls System or Standalone Bluetooth Sensors. The mobile app allows you to configure devices, discover and setup wireless enable luminiares 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&gl=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	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
	7PR-TL	7-Pin with photocontrol	–	–	–	–	✓	–	✓	–	–		7PR-TL

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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
D1	Delay 1 hour		T0	Delay Midnight
D2	Delay 2 hours		T1	Delay 1 AM
D3	Delay 3 hours		T2	Delay 2 AM
D4	Delay 4 hours		T3	Delay 3 AM
D5	Delay 5 hours	OR	T4	Delay 10 PM
D6	Delay 6 hours		T5	Delay 11 PM
D7	Delay 7 hours		T6	Delay 6 PM
D8	Delay 8 hours		T7	Delay 7 PM
D9	Delay 9 hours		T8	Delay 8 PM
D0	Delay 0 hours		T9	Delay 9 PM

Code	Auto-Dim Brightness
0	100% Brightness
1	10% Brightness
2	20% Brightness
3	30% Brightness
4	40% Brightness
5	50% Brightness
6	60% Brightness
7	70% Brightness
8	80% Brightness
9	90% Brightness

Code	Auto-Dim Return Options
R1	Delay 1 hour or 1 AM
R2	Delay 2 hours or 2 AM
R3	Delay 3 hours or 3 AM
R4	Delay 4 hours or 4 AM
R5	Delay 5 hours or 5 AM
R6	Delay 6 hours or 6 AM
R7	Delay 7 hours or 7 AM
R8	Delay 8 hours or 8 AM
R9	Delay 9 hours or 9 AM
R0	Delay 0 hours or 12 AM

Code	Auto-Dim Brightness
0	100% Brightness
1	10% Brightness
2	20% Brightness
3	30% Brightness
4	40% Brightness
5	50% Brightness
6	60% Brightness
7	70% Brightness
8	80% Brightness
9	90% Brightness

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
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

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PERFORMANCE DATA

Series	# of LEDs	Nominal Wattage	System Wattage	Dist. Type	AMBER Lumens	AMBER LPW
VP-F-ST-1	36L	15	17.3	3X3	1444	83
				4X6	1339	77
				5X5	1340	77
				6X4	1337	77
		20	22	3X3	1754	80
				4X6	1626	74
				5X5	1628	74
				6X4	1623	74
		25	29.6	3X3	2019	68
				4X6	1872	63
				5X5	1874	63
				6X4	1869	63
		30	31.5	3X3	2279	72
				4X6	2112	67
				5X5	2115	67
				6X4	2109	67
		40	38.9	3X3	2560	66
				4X6	2374	61
				5X5	2376	61
				6X4	2370	61
		50	49.3	3X3	2843	58
				4X6	2636	53
				5X5	2638	54
				6X4	2632	53
		65	62.3	3X3	3025	49
				4X6	2804	45
				5X5	2807	45
				6X4	2800	45
VP-F-ST-2	72L	35	34.6	3X3	2909	84
				4X6	2697	78
				5X5	2700	78
				6X4	2693	78
		45	43.9	3X3	3507	80
				4X6	3251	74
				5X5	3254	74
				6X4	3246	74
		55	53.3	3X3	4040	76
				4X6	3745	70
				5X5	3749	70
				6X4	3739	70
		65	63.1	3X3	4557	72
				4X6	4224	67
				5X5	4229	67
				6X4	4218	67
		80	77.8	3X3	5141	66
				4X6	4766	61
				5X5	4771	61
				6X4	4759	61
		100	98.6	3X3	5709	58
				4X6	5293	54
				5X5	5298	54
				6X4	5285	54
		125	124.6	3X3	6059	49
				4X6	5617	45
				5X5	5623	45
				6X4	5609	45

Series	# of LEDs	Nominal Wattage	System Wattage	Dist. Type	AMBER Lumens	AMBER LPW
VP-F-ST-3	108L	80	79.9	3X3	6059	76
				4X6	5617	70
				5X5	5623	70
				6X4	5609	70
		105	102.1	3X3	7153	70
				4X6	6631	65
				5X5	6638	65
				6X4	6621	65
		130	131.8	3X3	8180	62
				4X6	7583	58
				5X5	7591	58
				6X4	7572	57
		185	186.8	3X3	9089	49
				4X6	8426	45
				5X5	8434	45
				6X4	8413	45
VP-F-ST-4	162L	120	119.9	3X3	9087	76
				4X6	8424	70
				5X5	8433	70
				6X4	8411	70
		155	153.1	3X3	10729	70
				4X6	9946	65
				5X5	9957	65
				6X4	9932	65
		200	197.6	3X3	12271	62
				4X6	11375	58
				5X5	11387	58
				6X4	11359	57
		280	280.3	3X3	13633	49
				4X6	12638	45
				5X5	12651	45
				6X4	12619	45

VIPER Floodlight

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ELECTRICAL DATA: STRIKE

# of LEDs	36L						
Nominal Wattage	15	20	25	30	40	50	65
System Power (W)	17.3	22.0	29.6	31.5	38.9	49.3	62.3
Input Voltage (V)	Current (Amps)						
120	0.14	0.18	0.25	0.26	0.32	0.41	0.52
208	0.08	0.11	0.14	0.15	0.19	0.24	0.30
240	0.07	0.09	0.12	0.13	0.16	0.21	0.26
277	0.06	0.08	0.11	0.11	0.14	0.18	0.22
347	0.05	0.06	0.09	0.09	0.11	0.14	0.18
480	0.04	0.05	0.06	0.07	0.08	0.10	0.13

# of LEDs	72L						
Nominal Wattage	35	45	55	65	80	100	125
System Power (W)	34.6	43.9	53.3	63.1	77.8	98.6	124.6
Input Voltage (V)	Current (Amps)						
120	0.29	0.37	0.44	0.53	0.65	0.82	1.04
208	0.17	0.21	0.26	0.30	0.37	0.47	0.60
240	0.14	0.18	0.22	0.26	0.32	0.41	0.52
277	0.12	0.16	0.19	0.23	0.28	0.36	0.45
347	0.10	0.13	0.15	0.18	0.22	0.28	0.36
480	0.07	0.09	0.11	0.13	0.16	0.21	0.26

# of LEDs	108L			
Nominal Wattage	80	105	130	185
System Power (W)	79.9	102.1	131.8	186.8
Input Voltage (V)	Current (Amps)			
120	0.67	0.85	1.10	1.56
208	0.38	0.49	0.63	0.90
240	0.33	0.43	0.55	0.78
277	0.29	0.37	0.48	0.67
347	0.23	0.29	0.38	0.54
480	0.17	0.21	0.27	0.39

# of LEDs	162L			
Nominal Wattage	120	155	200	280
System Power (W)	119.9	153.1	197.6	280.3
Input Voltage (V)	Current (Amps)			
120	1.00	1.28	1.65	2.34
208	0.58	0.74	0.95	1.35
240	0.50	0.64	0.82	1.17
277	0.43	0.55	0.71	1.01
347	0.35	0.44	0.57	0.81
480	0.25	0.32	0.41	0.58

VIPER Floodlight

VIPER LUMINAIRE

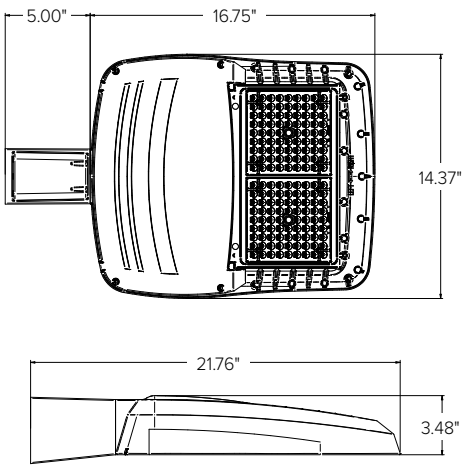
DATE: LOCATION:

TYPE: PROJECT:

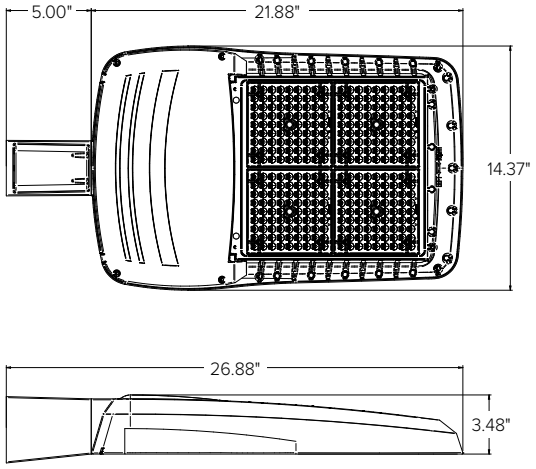
CATALOG #:

DIMENSIONS

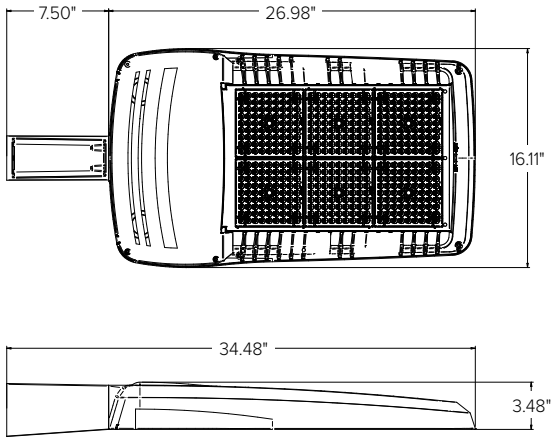
SIZE 1



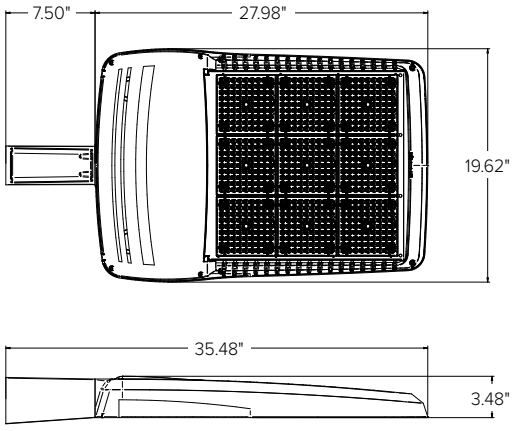
SIZE 2



SIZE 3



SIZE 4



BEACON
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VIPER Floodlight

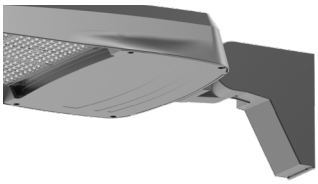
VIPER LUMINAIRE

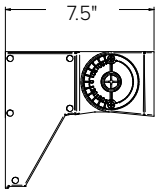
EPA

	EPA			
	Size 1	Size 2	Size 3	Size 4
30°	0.827	1.023	1.423	1.850
60°	1.419	1.837	2.419	3.080

	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

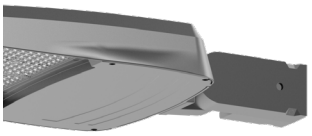
MOUNTING

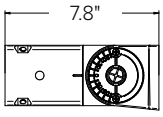




AAU- ADJUSTABLE ARM FOR POLE MOUNTING

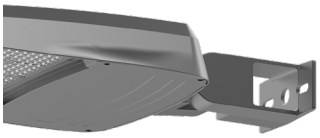
Rotatable arm mounts directly to pole. Compatible with drill patterns from 2.5" to 4.5" (S2 or B3). For round poles add applicable suffix (2/3/4/5). Rotatable in 15˚ aiming angle increments. Micro Strike configurations may be aimed up but must have a 30° tilt to shed water. Strike configurations have a 30° aiming limitation.

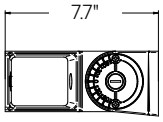




K-KNUCKLE

Knuckle mount 15˚ aiming angle increments for precise aiming and control, fits 2-3/8" tenons or pipes. Micro Strike configurations may be aimed up but must have a 30° tilt to shed water. 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 may be aimed up but must have a 30° tilt to shed water. Strike configurations have a 30° aiming limitation.

VIPER Floodlight

VIPER LUMINAIRE

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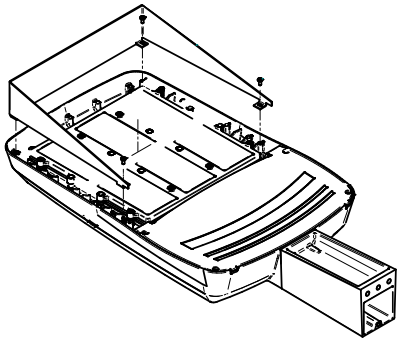
VISOR FIELD INSTALL ACCESSORIES [1]

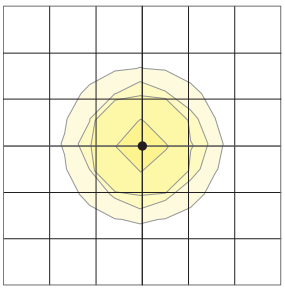


1 – Visor will block occupancy sensors

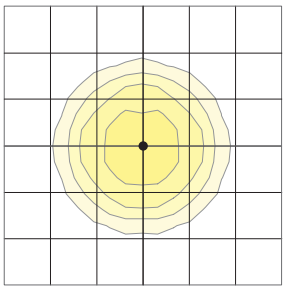
OPTICS STRIKE PHOTOMETRY

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

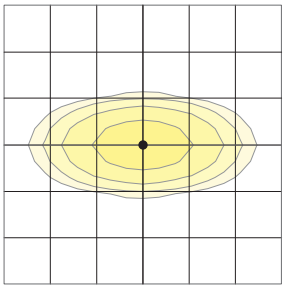
Type 3x3



Type 5x5



Type 4x6 / 6x4



OCCUPANCY SENSOR

Control options ordered with the knuckle mount configuration will be mounted on the lower portion of the knuckle as shown in the image and should only be mounted on a vertical tenon for best operation.