



DESIGN

The new Viper includes scalable Area and Flood designs capable of complementing contemporary or traditional architecture. Additional features such as multiple mounting options, replaceable power doors and an IP65 rating are standard offerings in this exceptionally versatile fixture.

PERFORMANCE

Each product is available with a variety of lumen outputs and distributions to satisfy a wide range of applications. Viper's scalability allows us to customize the output to meet specific design criteria. The precise beam control of the Viper helps reduce energy consumption and light trespass while providing high uniformity and visual acuity.

TECHNOLOGY

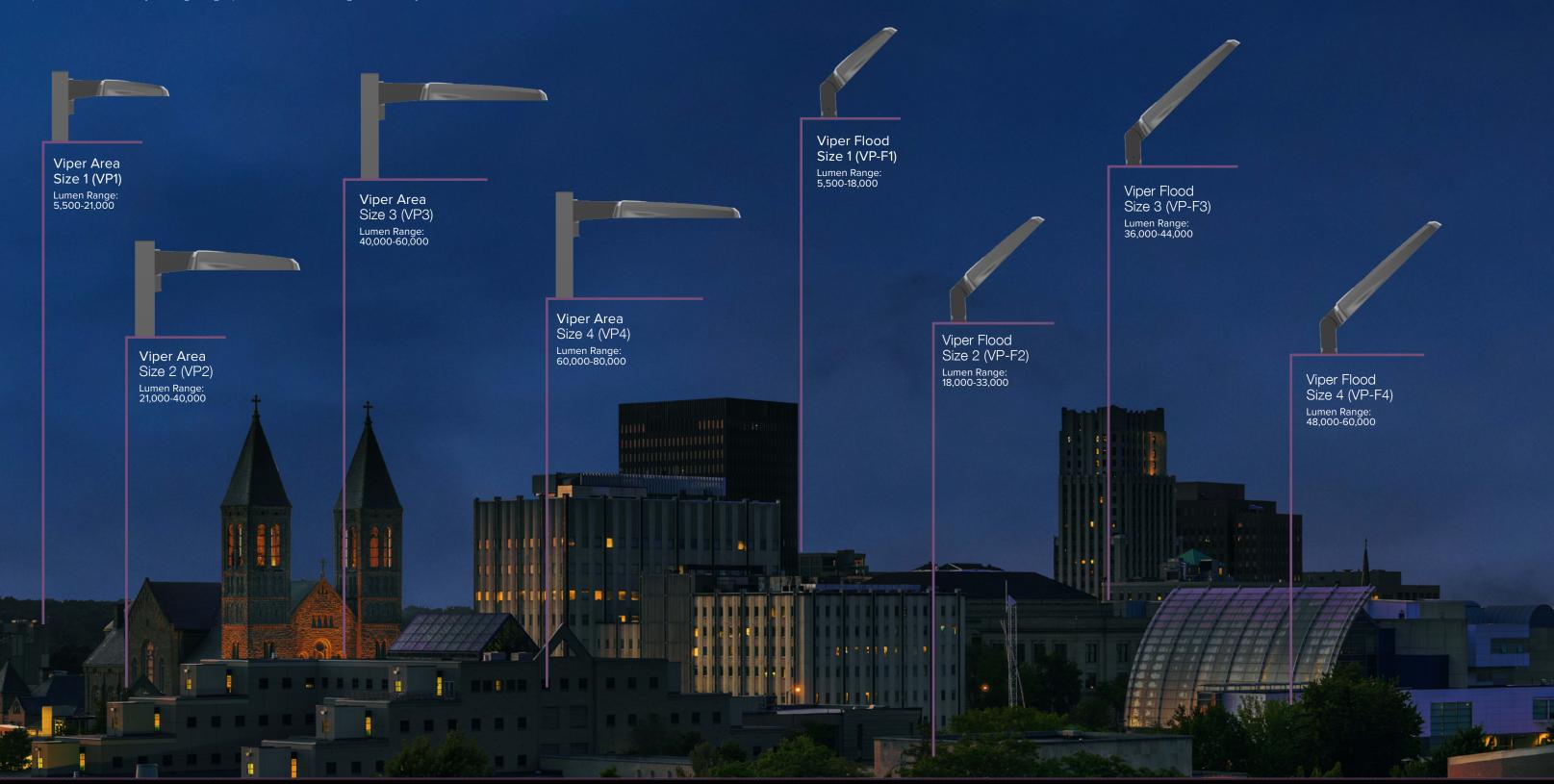
Simple or dynamic controls are available in every product configuration to give solutions for ever-changing code requirements and additional energy savings.

VIPER FLOOD

DESIGN

VIPER

The versatility of the Viper design allows for this fixture to be used in contemporary and traditional applications. With four sizes in both area and flood, the luminaire scales from pedestrian walkways to lighting up the tallest buildings in the skyline.



DESIGN



MOUNTING

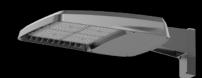
Versatile mounting configurations provide options for every application, simple or decorative, static or rotatable. All mounting options are field interchangeable. Every configuration shown below is available on the Viper Area and rotatable mounting options are available on the Viper Flood.

UNIVERSAL MOUNTING BLOCK

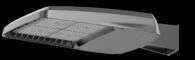
The universal arm mount comes standard with a separate mounting block that is bolted to the pole prior to the fixture for ease of installation. All universal mounting options are compatible with drill patterns from 2.5" to 4.5".

INTERNAL VENTING

The luminaire design incorporates internal fins to improve air flow and thus cool the electrical components and extend the life of the product. All of this is done without compromising the overall form and silhouette of the Viper.



UNIVERSAL ARM MOUNT



STRAIGHT ARM MOUNT



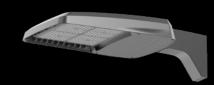
HINGED ACCESS

The easily accessible driver compartment houses all electrical components which are mounted to the door for simple replacement if needed. All wiring connections are made with quick disconnects to simplify installation.



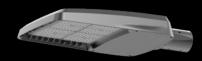
OPTICAL BEZEL

The one-piece square optical bezel allows for in-field rotation of any asymmetric distribution.



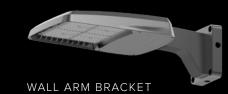
DECORATIVE UPSWEPT ARM





MAST ARM FITTER













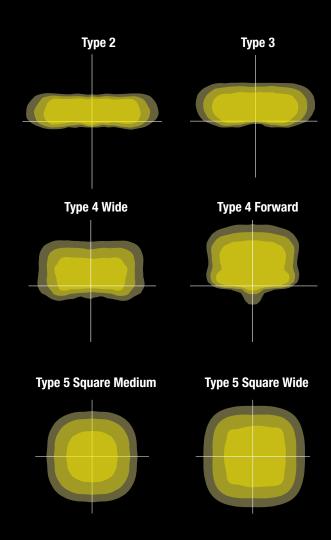


AREA MICRO STRIKE OPTICS

Micro Strike optics are one of the optical choices available in the Viper. These optics have been specifically designed to replace HID luminaires with improved uniformity on application. This, combined with the high lumens per watt, makes Micro Strike the perfect choice for the most common applications.



MICROSTRIKE



Key distributions for every day applications

• High efficacy and lumens per watt

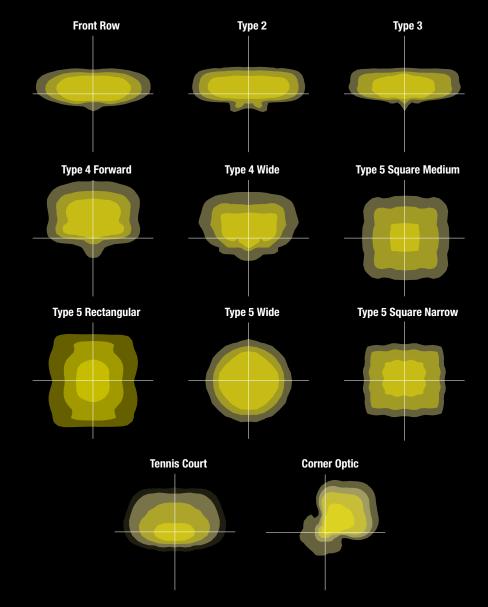
 \Box

- Single piece optic provides more visual comfort
- Phosphor converted amber LED option
- Field rotatable for flexibility in mounting orientations
- Backlight control available to reduce light behind the pole

VIPER

AREA STRIKE OPTICS

Strike optics are another optic choice that allow for maximized pole spacing, minimal backlight and provide specialty distributions for unique application requirements.





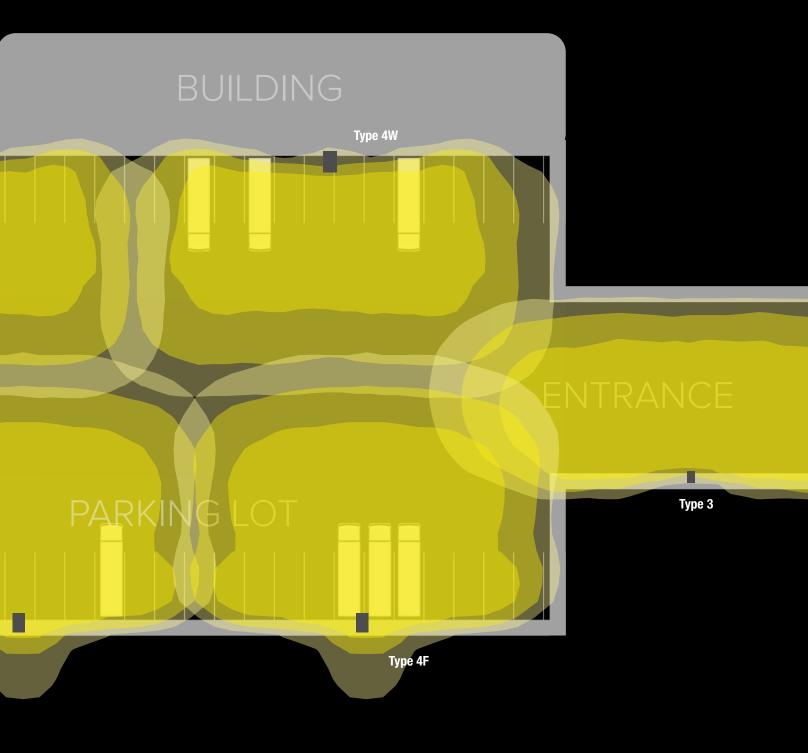
 \Box

- Specialty Distributions for unique applications or specification requirements
- Maximum Fixture Spacing
- Individual optics provide greater optical control
- True amber LED option
- Field rotatable for flexibility in mounting orientations
- Backlight control available to reduce light behind the pole



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AREA MICRO STRIKE OPTICS

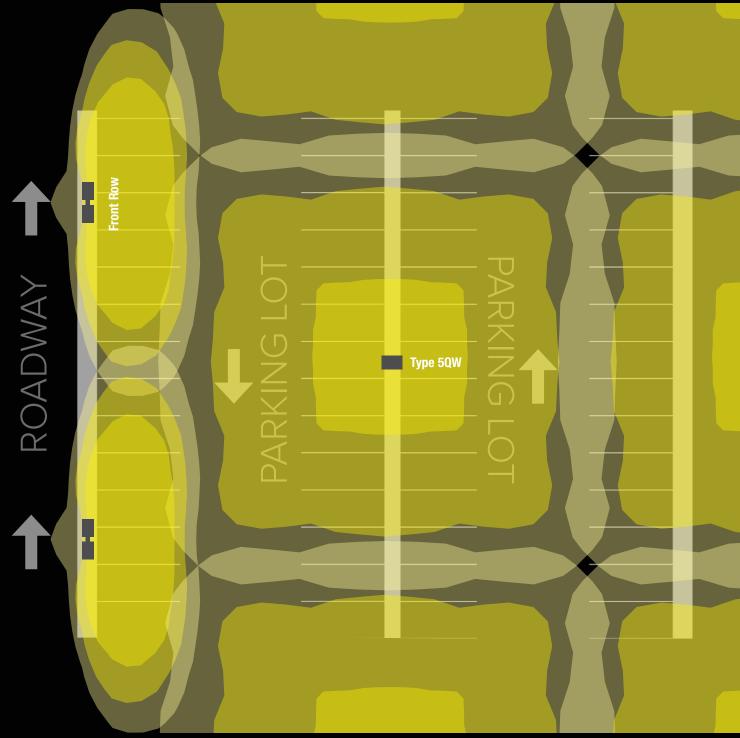




MICROSTRIKE

The Viper's Micro Strike optics provide the most utilized distributions in area lighting applications. The layout shows a distribution center with a Type 3 distribution for the entrance, a Type 4 wide distribution around the building perimeter and a Type 4 Forward Throw to provide sufficient coverage across the lot. Micro Strike optics also provide minimal backlight to enhance street side efficiency and meet target light levels while using less energy.

AREA STRIKE OPTICS





STRIKE

The Viper's Strike optics provide a large breadth of standard and specialty distributions. The layout shows an auto dealership utilizing the Front Row optic to achieve higher footcandle levels on the first row of vehicles without spilling back light into the roadway. With the rotatable optics, these luminaires can be mounted on either side of the pole and the optics turned towards the lot. Uniformity is also achieved using Type 5 medium distributions through the remainder of the lot. The layout to the left shows two Viper size 2 configurations used per pole but a single Viper size 4 could also be used to achieve the same light levels.

VISUAL COMFORT

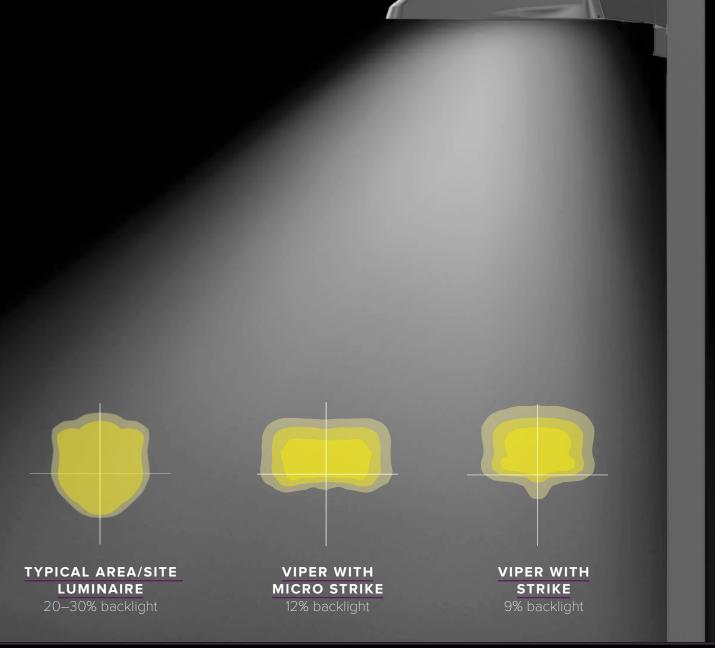
The Viper's unique optical design combines visual uniformity with the precise distribution of a Total Internal Reflection (TIR) optic. Five times the luminous surface area provides optimal light distribution plus visual comfort.



BACKLIGHT CONTROL

Less than 12% of the light emitted out of Micro Strike and Strike is thrown behind the pole, meaning 88% is utilized on application. That inherently means less energy is wasted on light that is not being used. For even greater backlight control, additional backlight control shields can be used to limit spill down to 5%.





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MICRO STRIKE & STRIKE OPTICS



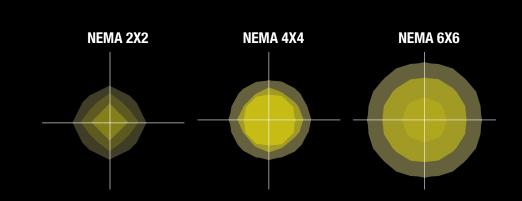
VIPER

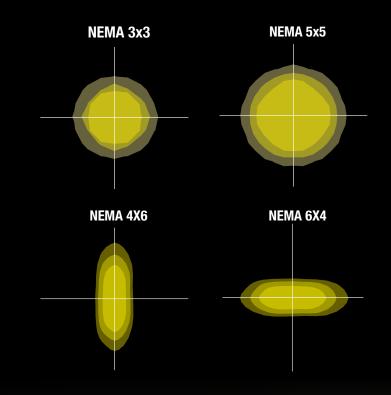
FLOOD MICRO STRIKE & STRIKE OPTICS

The Viper Flood also offers Micro Strike and Strike optics to cover a wider variety of application needs using both symmetric and asymmetric distributions. The Viper Flood is also IP65 sealed so it can be aimed in an upward orientation unlike traditional area lights.

MICROSTRIKE









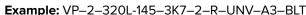


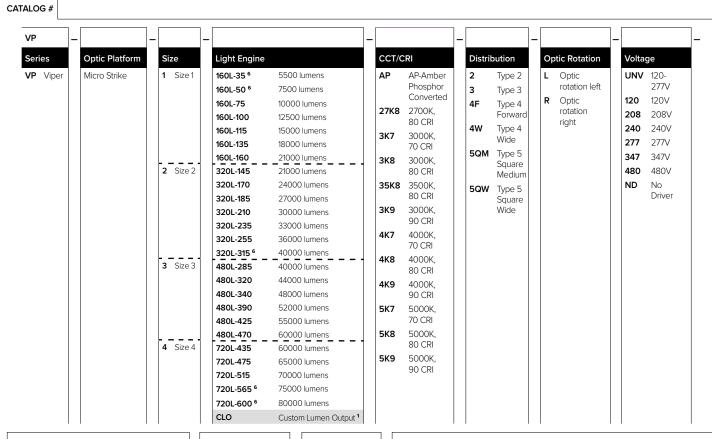
NEMA 2x2 NEMA 4x4 NEMA 6x6 NEMA 3x3 NEMA 5x5 NEMA 4x6 NEMA 6x4



ORDERING GUIDE

AREA MICRO STRIKE OPTICS





		-			-			-		
Mounti	ing		Color			Optio	ns		Network Cor	ntrol Options
A A_	Arm mount for square pole/flat surface Arm mount for round pole ²		BLT	Black Matte Textured		F 2PF	Fusing Dual Power		NXWS16F	NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming ^{1,3,4}
ASQU	Universal arm mount for square pole		BLS	Black Gloss Smooth		2DR	Feed Dual Driver		NXWS40F	NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming 1.3.4
A_U AAU	Universal arm mount for round pole ² Adjustable arm for pole mounting (universal drill pattern)		DBT	Dark Bronze Matte Textured		TE	Tooless Entry		NXW	NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming without Sensor ^{3,4}
AA_U	Adjustable arm mount for round pole ²		DBS	Dark Bronze Gloss Smooth		вс	Backlight Control		WIR WIRSC	wiSCAPE® In-Fixture Module 3.4 wiSCAPE® Module and Occupancy Sensor 3.4
ADU	Decorative upswept Arm (universal drill pattern)		GTT	Graphite Matte Textured		тв	Terminal Block		Stand Alone	Sensors
AD_U	Decorative upswept arm mount for round pole ²		LGS	Light Grey Gloss Smooth			Biocit		SCP-8F SCP-20F	Remote control programmable line voltage sensor ⁴ Remote control programmable line voltage sensor ⁴
MAF	Mast arm fitter for 2-3/8" OD horizontal arm		LGT	Light Grey Gloss Textured					BTS-14F BTS-40F	Bluetooth® Programmable, PIR Occupancy/Daylight Sensor ⁴ Bluetooth® Programmable, PIR Occupancy/Daylight Sensor ⁴
K T	Knuckle Trunnion		PSS	Platinum Silver Smooth					BTSO-12F	Bluetooth® Programmable, PIR Occupancy/Daylight Sensor, up to 12' mounting height ⁴
WB	Wall Bracket		WHT	White Matte Textured					7PR 7PR-SC	7-Pin Receptacle ⁴ 7-Pin Receptacle with shorting cap ⁴
			WHS	White Gloss Smooth Verde Green Textured					3PR	3-Pin twist lock ⁴
			VGT						3PR-SC 3PR-TL	3-Pin receptacle with shorting cap ⁴ 3-Pin PCR with photocontrol ⁴
			Color	Option					Programmed	d Controls
			СС	Custom Color					ADD ADT	AutoDim Timer Based Dimming ⁴ AutoDim Time of Day Dimming ⁴
									Photocontro	ols
									PC	Button Photocontrol 4,5

5 – Not available with Dual Driver option

6 - Some voltage restrictions may apply when combined with controls

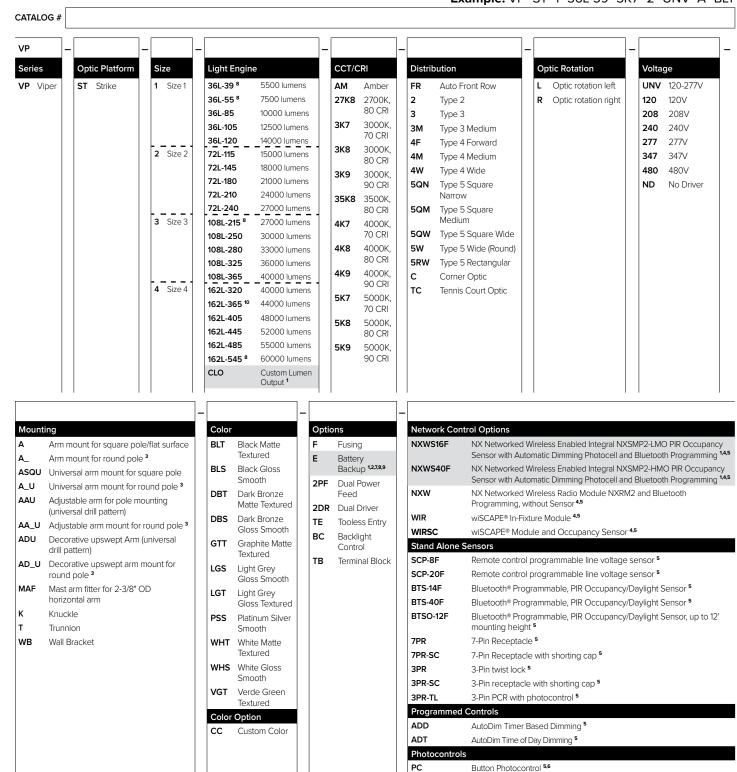
- 1 Items with a grey background can be done as a custom order. Contact brand representative for more information
- 2 Replace "_" with "2" for 2.5"-3.4" OD pole, "3" for 3.5"-4.13" OD pole, "4" for 4.18"-5.25" OD
- pole. "5" for 5.5"-6.5" OD pole
- 3 Networked Controls cannot be combined with other control options
- 4 Not available with 2PF option

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AREA STRIKE OPTICS

Example: VP-ST-1-36L-39-3K7-2-UNV-A-BLT

VIPER



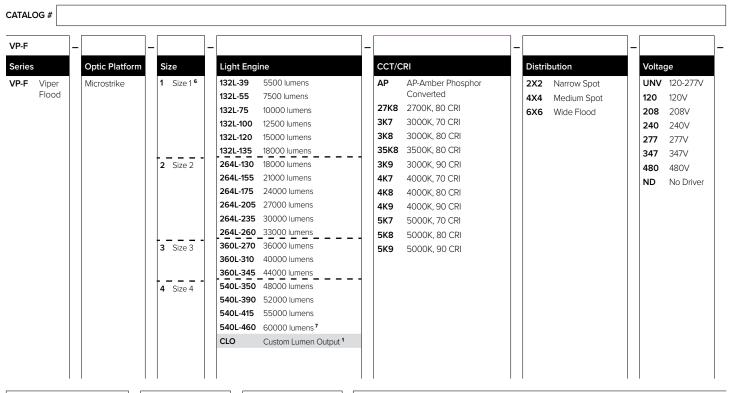
- 1 Items with a grey background can be done as a custom order. Contact brand representative for more information
- 2 Battery temperature rating -20C to 55C
- 3 Replace "_" with "2" for 2.5"-3.4" OD pole, "3" for 3.5"-4.13" OD pole, "4" for 4.18"-5.25" OD pole, "5" for 5.5"-6.5" OD pole
- 4 Networked 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

ORDERING GUIDE

FLOOD MICRO STRIKE OPTICS

Example: VP-F-2-132L-39 -3K8-4x4-UNV-AAU-BLT



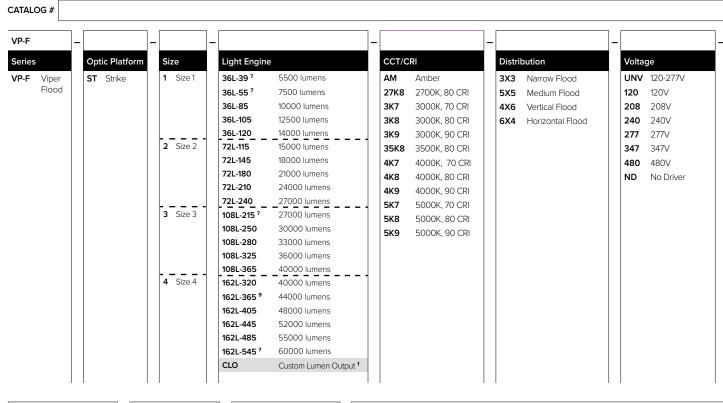
]-[-			-		
Mount	Mounting		Color			Optio	Options		Network Con	ntrol Options
AAU AA U	Adjustable Arm Adjustable arm mount		BLT	Black Matte Textured		F 2PF	Fusing Dual Power		NXWS16F	NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming 1.3.4.8
K	for round pole 9		BLS	Black Gloss Smooth		2DR	Feed ² Dual Driver		NXWS40F	NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming 134.8
T	Knuckle Trunnion		DBT	Dark Bronze Matte Textured	d	TE	Tooless Entry Backlight Control Terminal Block		NXW	NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor 34.8
			DBS	Dark Bronze Gloss Smooth		BC TB			WIR	wiSCAPE® In-Fixture Module 3.4.8
									Stand Alone	Sensors
			GTT	Graphite Matte					SCP-8F	Remote control programable line voltage sensor 4
				Textured					SCP-20F	Remote control programable line voltage sensor 4
			LGS	Light Grey Gloss Smooth					BTS-14F	Bluetooth® Programmable, PIR Occupancy/Daylight Sensor 4,8
			LGT	Light Grey					BTS-40F	Bluetooth® Programmable, PIR Occupancy/Daylight Sensor 4,8
			LGI	Gloss Textured					BTSO-12F	Bluetooth® Programmable, PIR Occupancy/Daylight Sensor, up to 12' mounting height 4.8
			PSS	Platinum Silver					Stand Alone	Sensors
				Smooth					7PR	7-Pin Receptacle ⁴
			WHT	White Matte					7PR-SC	7-Pin Receptacle with shorting cap ⁴
		11.		Textured					3PR	3-Pin twist lock 4
			WHS	White Gloss Smooth					3PR-SC	3-Pin receptacle with shorting cap 4
		,	VGT	Verde Green					3PR-TL	3-Pin PCR with photocontrol ⁴
				Textured				Prog	Programmed	Controls
			LEG	Legacy Colors					ADD	AutoDim Timer Based Dimming 4
			Color	Option					ADT	AutoDim Time of Day Dimming 4
			СС	Custom Color					Photocontrol	s
									PC	Button Photocontrol 4,5

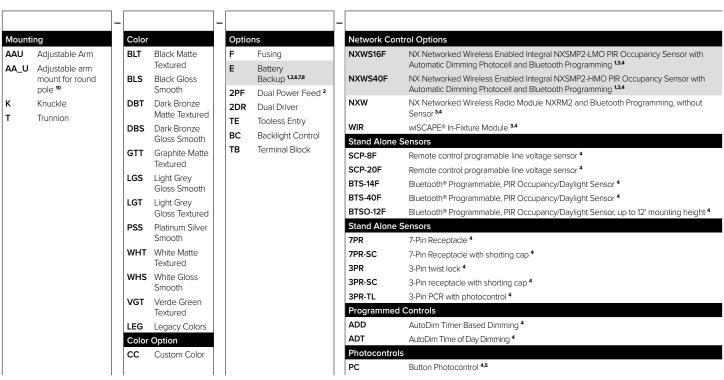
- 1 Items with a grey background can be done as a custom order. Contact brand representative for more information
- 3 Networked Controls cannot be combined with other control options and are limited based on mounting orientation 4 - Not available with 2PF option
- 5 Not available with 480V
- 6 Not available with Dual Driver option

- 7 Some voltage restrictions may apply when combined with controls
- 8 Control option not available in 130W or 155W congifuration
- 9 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

FLOOD STRIKE OPTICS

Example: VP-F-ST-1-36L-39-3K7-3x3-UNV-AAU-BLT





- 1 Items with a grey background can be done as a custom order. Contact brand representative for more information
- 2 Not available with trunnion mount
- 3 Networked Controls cannot be combined with other control options and are limited based on mounting orientation 4 - Not available with 2PF option
- 5 Not available with 480V
- 6 Not available with 347 or 480V

- 7 Not available with Dual Driver option
- 8 Only available in Size 1 housing
- 9 Some voltage restrictions may apply when combined with controls 10 – 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

ORDERING - ACCESSORIES

VIPER

Lighting Controls — Accessories (Sold Separately)

NX Lighting Controls

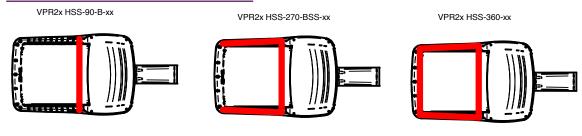
NXOFM-1R1D-UNV On-fixture Module (7-pin), On / Off / Dim, Daylight Sensor with NX Networked Radio and Bluetooth® Radio, 120—480VAC

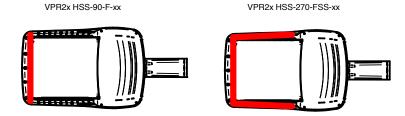
wiSCAPE® Lighting Control

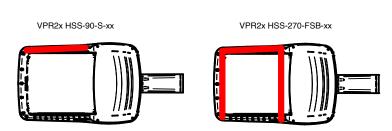
 $\begin{tabular}{ll} \hline \textbf{WIR-RME-L} & On-fixture Module (7-pin or 5-pin), On / Off / Dim, Daylight Sensor with wiSCAPE® Radio, 110-480VAC \\ \hline \end{tabular}$

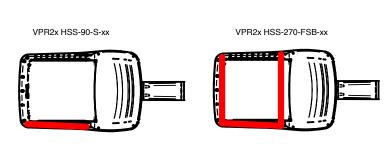
For additional information related to these accessories please our website. Options provided for use with integrated sensor, please view specification sheet ordering information table for details.

HOUSE SIDE SHIELD FIELD INSTALL ACCESSORIES





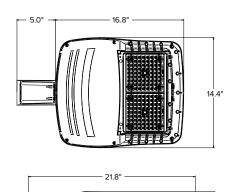


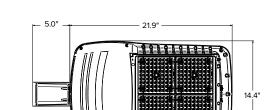


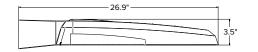
^{*} X in VPR part number can be replaced with Viper Size.

DIMENSIONS

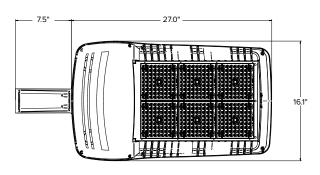
SIZE 1





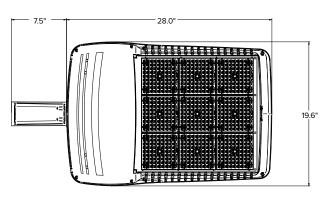


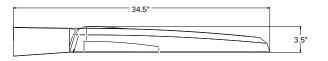
SIZE 3



SIZE 4

SIZE 2





35.5"

FINISH OPTIONS







PSS – Platinum Silver Smooth

DBT – Dark Bronze Textured **DBS** – Dark Bronze Smooth







LGT – Light Gray Textured LGS – Light Gray Smooth

GTT – Graphite Textured

WHI – White Texture
WHS – White Smooth



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currentlighting.com/beacon

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