

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

# 

### FEATURES

- Low profile LED area/site luminaire with a variety of IES distributions for lighting applications such as auto dealership, retail, commercial, and campus parking lots
- Featuring two different optical technologies, Strike and Micro Strike Optics, which provide the best distribution patterns for retrofit or new construction
- Rated for high vibration applications including bridges and overpasses. All sizes are rated for 1.5G  $\,$
- Control options including photo control, occupancy sensing, NX Lighting Controls<sup>™</sup>, 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



### CONTROL TECHNOLOGY

# 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 midpower LEDs which evenly illuminate the entire luminous surface area to provide a low glare appearance. Catalog logic found on page 2
- Strike Optics (36, 72, 108, or 162 LED counts) provide best in class distributions and maximum pole spacing in new applications with high powered LEDs. Strike optics are held in place with a polycarbonate bezel to mimic the appearance of the Micro Strike Optics so both solutions can be combined on the same application. Catalog logic found on page 3
- Both optics maximize target zone illumination with minimal losses at the house-side, reducing light trespass issues. Additional backlight control shields and house side shields can be added for further reduction of illumination behind the pole
- One-piece silicone gasket ensures a weatherproof seal
- · Zero up-light at 0 degrees of tilt
- Field rotatable optics

### INSTALLATION

- Mounting patterns for each arm can be found on page 11
- Optional universal mounting block for ease of installation during retrofit applications. Available as an option (ASQU) or accessory for square and round poles
- · All mounting hardware included

### Current @

### 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 that 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)

### CONTROLS (CONTINUED)

- O- 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<sup>™</sup> available with in fixture wireless control module, features dimming and occupancy sensor
- wiSCAPE® available with in fixture wireless control module, features dimming and occupancy sensor. Also available in 7-pin configuration

### CERTIFICATIONS

- CERTIFICATIONS DLC® (DesignLights Consortium Qualified), with both Premium and Standard Qualified configurations. Please refer to the DLC website for specific product qualifications at http://www.designlights.org
- Listed to UL1598 and CSA C22.2#250.0-24 for wet locations and 40°C ambient temperatures
- 1.5 G rated for ANSI C136.31 high vibration applications
- Fixture is IP65 rated
- Meets IDA recommendations using 3K CCT configuration at 0 degrees of tilt
- This product qualifies as a "designated country construction material" per FAR 52.225-11 Buy American-Construction Materials under Trade Agreements effective 04/23/2020.

### WARRANTY

5 year warranty

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

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**/IPER** Area/Site

VIPER LUMINAIRE

**MICROSTRIKE OPTICS - ORDERING GUIDE** 

PROJECT:

TYPE:

CATALOG #:

DATE:

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

									]						٦
VP		·	-					-		-			-		
Ser	ies	<b>Optic Platform</b>	Size	Lig	ht Engine			CCT	/CRI	Distrib	oution	<b>Optic Rotation</b>	Volta	ge	
VP	Viper	Micro Strike	1 Size 1	160	L-35 <sup>6</sup> 5500	) lumens		AP	AP-Amber	2	Type 2	BLANK	UNV	120-	1
				160	L-50 <sup>6</sup> 7500	) lumens			Phosphor	3	Type 3	No Rotation		277V	
				160	L-75 1000	0 lumens			Converted	4F	Type 4	L Optic	120	120V	
				160	L-100 1250	0 lumens		27K8	8 2700K, 80 CRI		Forward	rotation left	208	208V	
				160	L-115 1500	0 lumens		3K7	3000K,	4W	Type 4	R Optic rotation	240	240V	
				160	L-135 1800	0 lumens		507	70 CRI		Wide	right	277	277V	
				160	L-1602100	0 lumens		3K8	3000K,	5QW	Type 5 Square		347	347V	
			2 Size 2	320	<b>DL-145</b> 2100	0 lumens			80 CRI		Wide		480	480V	
				320	<b>DL-170</b> 2400	00 lumen:	6	35K8							
				320	<b>DL-185</b> 2700	00 lumens	5		80 CRI						
						00 lumen:	6	3K9	3000K, 90 CRI						
						0 lumens		4K7	4000K,						
						0 lumen:		<b>"</b> "	4000K, 70 CRI						
			2 0 0	1		00 lumen:		4K8	4000K,						
			3 Size 3			00 lumen:			80 CRI						
						0 lumens		4K9	4000K,						
						0 lumen:			90 CRI						
						00 lumen:		5K7	5000K, 70 CRI						
						00 lumen: 00 lumen:		5K8	5000K,						
			4 Size 4	1		00 lumen		5.0	80 CRI						
			- 5120 1			00 lumen:									
						00 lumen:									
						0 lumens									
						00 lumen:									
				CLC			n Output <sup>1</sup>								
			-	-		_		_							
unti	าต			Color		Opti	ons		Network Contr	rol Option	s				
		int for square pole/fla	it surface	BLT	Black Matte	F	Fusing		NXWS16F			ess Enabled Integral NXS	SMP2-I M	O PIR Occur	Dancy
		Pattern) (Does not inc			Textured	2PF	Dual Pow					c Dimming Photocell and			
	round po	ole adapter)		BLS	Black Gloss		Feed		NXWS40F	NX Netwo	orked Wirele	ess Enabled Integral NXS	SMP2-HM	IO PIR Occu	panc
	Arm mou	int for round pole <sup>2</sup>			Smooth	2DR	Dual Driv	er 📗				c Dimming Photocell and		-	-
QU		I arm mount for squa		DBT	Dark Bronze	TE	Tooless		NXW			ess Radio Module NXRM	2 and Blu	letooth Prog	Iramr
		ised with B3 or S2 Di			Matte Textured		Entry		WE	without Se					
J		l arm mount for round		DBS	Dark Bronze Gloss Smooth	BC	Backlight		WIR		In-Fixture I		24		
U		le arm for pole mount I drill pattern)	ing	GTT	Graphite Matte		Control <sup>8</sup>		WIRSC		Module a	nd Occupancy Sensor	- J,4		
		le arm mount for rou			Textured	тв	Terminal Block		Stand Alone S					6	
_0 U	-	ve upswept Arm (univ		LGS	Light Grey		DIOCK		BTS-14F			able, BTSMP-LMO PIR ( hotocell and 360° Lens	occupanc	y Sensor wi	n.
0	pattern)	ve upswept Ann (univ			Gloss Smooth				BTS-40F		•	able, BTSMP-HMO PIR (	Occupan	ry Sonsor w	ith
_U	Decorativ	ve upswept arm mou	nt for	LGT	Light Grey				515 401			hotocell and 360° Lens	occupun	cy Schisor w	ui
_	round po				Gloss Textured				BTSO-12F		•	able, BTSMP-OMNI-O P	IR Occup	ancy Senso	r with
F	Mast arm	n fitter for 2-3/8" OD h	iorizontal	PSS	Platinum Silver					Automatic	Dimming Pl	hotocell and 360° Lens			
	arm			WIT	Smooth White Matte				7PR	7-Pin Rece	eptacle <sup>4</sup>				
	Knuckle			WHI	White Matte Textured				7PR-SC	7-Pin Rece	eptacle with	shorting cap <sup>4</sup>			
	Trunnion			WHS	White Gloss				3PR	3-Pin twist	lock <sup>4</sup>				
	Wall Brac	cket, horizontal tenon	with MAF		Smooth				3PR-SC	3-Pin rece	ptacle with	shorting cap <sup>4</sup>			
-		int bracket with deco	rative	VGT	Verde Green				3PR-TL	3-Pin PCR	with photo	control <sup>4</sup>			
1	upswept	ann			Textured				Programmed C	Controls					
	Mall	10. 1. 10. Annual Annua Annual Annua <td></td>													
1	Wall mou	int bracket with adjus	table arm	Color	Option				ADD	AutoDim 1	Timer Based	d Dimming <sup>4</sup>			

1 - Items with a grey background can be done as a custom order. Contact brand representative for more 1 - Items will a give background can be done as a custom order. Contact brand representative for 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

5 - Not available with Dual Driver option

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PC

Button Photocontrol 4,7

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



DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	- -

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

### **STRIKE OPTIC - ORDERING GUIDE**

CATALOG #														
/P _	- Optic Platform	- Size	_	Light Engine	<u>.</u>	-	CRI	- Dist	ribution	]_[	Optic Rotation	]_	Voltage	9
/P Viper	<b>ST</b> Strike	1 Si 2 Si 3 Si 4 Si	ize 2 ize 3	36L-39 <sup>8</sup> 36L-55 <sup>8</sup> 36L-105 36L-105 72L-115 72L-145 72L-145 72L-210 72L-210 72L-240 108L-250 108L-250 108L-250 108L-325	5500 lumens 7500 lumens 10000 lumens 12500 lumens 15000 lumens 21000 lumens 24000 lumens 27000 lumens 30000 lumens 33000 lumens 36000 lumens 40000 lumens 40000 lumens 55000 lumens 55000 lumens 55000 lumens 0000 lumens	AM 27K8 3K7 3K8 35K8 4K7 4K8 4K9 5K7 5K8	3000K, 70 CRI 3000K, 80 CRI 3000K, 90 CRI	FR 2 3 4F 4W 5QN 5QN 5QN 5QN 5QN 5QN 7C	Narrow V Type 5 Square Wide M Type 5 Square Medium Type 5 Wide (Round)		BLANK No Rotation         L       Optic rotation left         R       Optic rotation right		208 240 277 347	120- 277V 120V 208V 240V 277V 347V 480V

Mounting     Color     Network Control Options       A     Arm mount for square pole/flat surface     BLT     Black Matte Textured     F     Fusing       ASOU     Universal arm mount for round pole <sup>3</sup> BLS     Black Gloss     Black Gloss     Smooth       Au     Adjustable arm mount for round pole <sup>3</sup> BLS     Black Gloss     Smooth     PEP     Dual Power       AAU     Adjustable arm mount for round pole <sup>3</sup> DBT     Dark Bronze Matte Textured     PEP     Dual Driver       AAU     Adjustable arm mount for round pole <sup>3</sup> DBT     Dark Bronze Gloss Smooth     PEP     Dual Driver       ADU     Decorative upswept Arm (universal drill pattern)     DES     Dark Bronze Gloss Smooth     TE     To trunnion       MAF     Mast arm fitter for 2-3/8' OD horizontal arm     Gioss Textured     PS     Plaitured     TE     Terminal Block       VM     Wall mount bracket with decorative upswept arm     WHT     White Matte Textured     Fertured     F     Full       VM     Wall mount bracket with adjustable arm     VGT     VGT     VGT     Fertured     F       VGT     VGT     VGT     Gloss Textured     F     Full     F       VMA     Wall mount bracket with adjustable arm     VGT     VGT     F     F <t< th=""><th></th><th></th><th>_</th><th></th><th></th><th>_</th><th></th><th></th><th>]_</th><th></th><th></th></t<>			_			_			]_		
A.       Arm mount for round pole <sup>3</sup> Textured       Battery       Battery         ASOU       Universal arm mount for square pole       BLS       Black Gloss       Smooth       2PF       Dual Prover       Feed       NXW S40F       NX Networked Wireless Raibel Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming <sup>13,4</sup> ALU       Adjustable arm mount for round pole <sup>3</sup> Dark Bronze       Dark Bronze       Dark Bronze       Dark Bronze       NXW       NXWextorked Wireless Raibel Metgrain Module NXRM2 and Bluetooth Programming <sup>13,4</sup> ADU       Decorative upswept Arm (universal drill pattern)       Grt       Graphite Matte Textured       Textured       Textured       Textured       BS       Backlight Control         AD_U       Decorative upswept arm mount for round pole <sup>3</sup> Grt       Graphite Matte Textured       Textured       Textured       Textured       Textured       Textured       Textured       BS       Dark Bronze Gloss Smooth       Dark Bronze Gloss Smooth       NXW       NX Networked Wireless Raibel Module NXRM2 and Bluetooth Programming.         AD_U       Decorative upswept arm mount for round pole <sup>3</sup> Grt       Graphite Matte Textured       Textured       Textured       Textured       Textured       Textured       Textured       Textured       Textured       Terminal Block	Mounti	ing	0	Color			Optio	ons		Network Co	ntrol Options
ASOU       Universal arm mount for square pole       BLS       Black Gloss Smooth       Backup 12389       NXWS40F       NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming. with Automatic Dimming Photocell and Bluetooth Programming. with Automatic Dimming Photocell and Bluetooth Programming.         AA_U       Adjustable arm for pole mounting (universal drill pattern)       DBS       Dark Bronze Gloss Smooth       TE       Tooless Entry BC       NXW       NXW       NXW Networked Wireless Radio Module NXRM2 and Bluetooth Programming. with Automatic Dimming Photocell and Bluetooth Programming.         AA_U       Adjustable arm mount for round pole <sup>3</sup> DBS       Dark Bronze Gloss Smooth       TE       Tooless Entry BC       NXW       NXW       NXW Networked Wireless Radio Module NXRM2 and Bluetooth Programming. with Automatic Dimming Photocell and Bluetooth Programmale.         AD_U       Decorative upswept Arm (universal drill pattern)       GTS       Graphite Matte Textured       TB       TE       Tooless Entry Gloss Smooth       BTS-14F       Bluetooth* Programmable. BTSMP-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens       BTS-14F       Bluetooth* Programmable. BTSMP-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens       BTS-12F       Bluetooth* Programmable. BTSMP-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens       BTS-12F       Bluetooth* Programmable. BTSMP-MNHO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Le			E					5		NXWS16F	
A_U       Universal arm mount for round pole 3       DBT       Dark Bronze Matte Textured       Peed Matte Textured       DBT       Dark Bronze Matter TE       TE       Tooless Entry BC       NXW       NXX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor 3-4         ADU       Decorative upswept Arm (universal dirit) pattern       GTT       Grap Textured       TE       Terminal Block       TE       TE       Tooless Entry BC       BTS-14F       Bluetooth® Programmable, BTSMP-IMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens       Stand Alone Sensor       BTS-14F       <	ASQU	Universal arm mount for square pole	E				-	Backup <sup>1,2,7,8,9</sup>		NXWS40F	NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming <sup>13,4</sup>
Initial call in patterni       DBS       Dark Bronze       TE       Tooless Entry         AA_U       Adjustable arm mount for round pole <sup>3</sup> DS       Dark Bronze       Gloss Smooth       TE       Tooless Entry         AD_U       Decorative upswept Arm (universal drill pattern)       GTT       Graphite Matte       Textured       BC       Backlight         Control       Textured       IfB       Terminal Block       Backlight       Stand Alone Sensors         MAF       Mast arm fitter for 2-3/8" OD horizontal arm       LGS       Light Grey Gloss Textured       TB       Terminal Block       BTS-40F       Bluetooth® Programmable, BTSMP-IMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens         MAF       Mast arm fitter for 2-3/8" OD horizontal arm       LGT       Light Grey Gloss Textured       FS       Platinum Silver Smooth       FS         T       Trunnion       PSS       Platinum Silver Smooth       FS       Platinum Silver Smooth       FF       Textured       FR       7-Pin Receptacle 4         WM       Wall mount bracket with decorative upswept arm       WHT       White Gloss Smooth       FF       FF       3PR       3-Pin twist lock 4         WM       Wall mount bracket with adjustable arm       VGT       Verde Green Textured       FF       Senoth       SP		Adjustable arm for pole mounting		DBT	Dark Bronze			Feed		NXW	NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming,
ADU       Decorative upswept Arm (universal drill pattern)       GTT       Graphite Matte Textured       Control         AD_U       Decorative upswept arm mount for round pole <sup>3</sup> GST       LGS       Light Grey Gloss Smooth       TB       Terminal Block       BTS-14F       Bluetooth® Programmable, BTSMP-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens         MAF       Mast arm fitter for 2-3/8° OD horizontal arm       LGT       Light Grey Gloss Smooth       TB       Terminal Block       BTS-14F       Bluetooth® Programmable, BTSMP-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens       Dimming Photocell and 360° Lens         K       Knuckle       PSS       Plainum Silver Smooth       PSS       Plainum Silver Textured       BTS-14F       Bluetooth® Programmable, BTSMP-MO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens         WB       Wall Bracket, horizontal tenon with MAF       WHT       White Matte Textured       PSS       Plainum Silver Smooth       PPR-SC       7-Pin Receptacle <sup>4</sup> WM       Wall mount bracket with decorative upswept arm       WHS       White Gloss Smooth       Smooth       PSF       Plaine Sensors         WA       Wall mount bracket with adjustable arm       VGT       Verde Green Textured       Programmed Controls       Programmed Controls         WA       Wall mount bracket with adjustable arm </td <td>AA_U</td> <td></td> <th></th> <td></td> <td></td> <th></th> <td>TE</td> <td>Tooless Entry</td> <td></td> <td></td> <td></td>	AA_U						TE	Tooless Entry			
AD_U       Decorative Upswept arm mount for round pole 3       LGS       Light Grey Gloss Smooth       Dimming Photocell and 360° Lens         MAF       Mast arm fitter for 2-3/8° OD horizontal arm       LGT       Light Grey Gloss Textured       BTS-40F       Bluetooth® Programmable, BTSMP-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens         K       Knuckle       PSS       Platinum Silver Smooth       BTS-40F       Bluetooth® Programmable, BTSMP-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens         WB       Wall Bracket, horizontal tenon with MAF       PSS       Platinum Silver Textured       PSS       Platinum Silver Smooth       PPR - 7.Pin Receptacle 4         WM       Wall mount bracket with decorative upswept arm       WHT       White Matte Textured       PR-SC       3-Pin receptacle with shorting cap 4         WA       Wall mount bracket with adjustable arm       VGT       Verde Green Textured       Programmet/Controls         WA       Wall mount bracket with adjustable arm       VGT       Verde Green Textured       ADD       AutoDim Timer Based Dimming 4	ADU		0					Control		Stand Alone	e Sensors
MAF       Mast arm fitter for 2-3/8" OD horizontal arm       LGT       Light Green Gloss Textured       BTS-40F       Bluetooth® Programmable, BTSMP-HMO PIR Occupancy Sensor with Automatic Dimming® Photocell and 360° Lens         K       Knuckle       PSS       Platinum Silver Smooth       BTS-12F       Bluetooth® Programmable, BTSMP-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens         WB       Wall Bracket, horizontal tenon with MAF       WHT       White Matte Textured       7PR       7-Pin Receptacle 4         WM       Wall mount bracket with decorative upswept arm       WHS       White Gloss Smooth       3PR       3-Pin twist lock 4         WA       Wall mount bracket with adjustable arm       VGT       Verde Green Textured       3PR-SC       3-Pin receptacle with shorting cap 4         BPR-TL       3-Pin PCR with photocontrol 4       Programmedle, BTSMP-IMO PIR Occupancy Sensor with Automatic Dimming® Photocell and 360° Lens	AD_U		L		· · ·		ТВ	Terminal Block		-	Dimming Photocell and 360° Lens
K     Knuckle     PSS     Platinum Silver Smooth     BISO-12F     Bluetooth® Programmable, BTSMP-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens       WB     Wall Bracket, horizontal tenon with MAF     WHT     White Matte Textured     7PR     7-Pin Receptacle 4       WM     Wall mount bracket with decorative upswept arm     WHS     White Gloss Smooth     3PR     3-Pin twist lock 4       WA     Wall mount bracket with adjustable arm     VGT     Verde Green Textured     3PR     3-Pin PCR with photocontrol 4       Programmed     OF UPtion     Auto     AutoDim Timer Based Dimming 4	MAF		L	GT	Light Grey					BTS-40F	
WB     Wall Bracket, horizontal tenon with MAF     WHT     White Matte Textured     7PR     7-Pin Receptacle 4       WM     Wall mount bracket with decorative upswept arm     WHS     White Gloss Smooth     3PR     3-Pin twist lock 4       WA     Wall mount bracket with adjustable arm     VGT     Verde Green Textured     3PR     3-Pin PCR with photocontrol 4       Programmed/Controls     Color/Option     ADD     AutoDim Timer Based Dimming 4	ĸ		F	PSS	Platinum Silver					BTSO-12F	
WAF     WAF     lextured       WM     Wall mount bracket with decorative upswept arm     WHS     White Gloss Smooth     3PR       WA     Wall mount bracket with adjustable arm     VGT     Verde Green Textured     3PR-SC     3-Pin receptacle with shorting cap 4       WA     Wall mount bracket with adjustable arm     VGT     Verde Green Textured     3PR-TL     3-Pin PCR with photocontrol 4       Programmed Controls     ADD     AutoDim Timer Based Dimming 4	WB	Wall Bracket, horizontal tenon with	V								•
WA     Wall mount bracket with adjustable arm     VGT     Verde Green Textured     3PR-TL     3-Pin PCR with photocontrol 4       Color Option     ADD     AutoDim Timer Based Dimming 4	WM									3PR	3-Pin twist lock <sup>4</sup>
Color Option     ADD     AutoDim Timer Based Dimming <sup>4</sup>	WA			VGT	Verde Green						
CC Custom Color ADT AutoDim Time of Day Dimming <sup>4</sup>			C								
Photocontrols			C	cc	Custom Color						AutoDim Time of Day Dimming 4

I – Items with a grey background can be done as a custom order. Contact brand representative for more information
 Battery temperature rating -20C to 55C
 Replace "\_" with "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

Current

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PC Button Photocontrol 4,7

9 – Only available in Size 1 housing, up to 105 Watts 10 – Some voltage restrictions may apply when combined with controls



DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #	

### **ORDERING GUIDE (CONTINUED)**

CATALO	DG #								
		_		_		]_		Current Control Sol	utions — Accessories (Sold Separately)
Access	sory Type	Siz	e	Option		Color	ſ	NX Lighting Contro	ls
SHD	Shield	2 3	Size 1 Size 2 Size 3 Size 4	HSS-90-B HSS-90-F HSS-90-S HSS-270-E		BLS BLT DBS	Black Gloss Smooth Black Matte Textured Dark Bronze	NXOFM- 1R1D-UNV	On-fixture Module (7-pin), On / Off / Dim, Daylight Sensor with NX Radio and Bluetooth® Radio, 120–480VAC <u>Control</u>
				HSS-270-F HSS-270-F HSS-360		DBT	Gloss Smooth Dark Bronze Matte Textured	WIR-RME-L	On-fixture Module (7-pin or 5-pin), On / Off / Dim, Daylight Sensor with wiSCAPE Radio, 110–480VAC
MTG	Mounting			A ASQU	Back Light Control Arm Mount for square pole/flat surface Universal Arm Mount for square pole	- GTT LGS	Graphite Matte Textured Light Gray Gloss Smooth	SCP-REMOTE	Remote Control for SCP/_F option. Order at least one per project to program and control the occupancy sensor
				AAU ADU RPA	Adjustable Arm for pole mounting Decorative upswept Arm Round Pole Adapter	PSS	Platinum Silver Smooth	currentlighting.com/be	on related to these accessories please visit acon. Options provided for use with integrated ecification sheet ordering information table
				MAF	Mast Arm Fitter for 2-3/8" OD horizontal arm Knuckle		White Gloss Smooth White Matte Textured		
				T WB	Trunnion Wall Bracket (compatible with universal	VGT			
				_	arm mounts)		Legacy Colors r Option		
Access	sory Type	_		Option		сс	Custom Color	]	
MSC	Miscellane	eous		BIRD SPK	Bird Spike	1			

### CONTROLS

Control Option	Sensor	Networkable	Scheduling	Occupancy	Daylight Harvesting	On/Off Control	Programming	Pair with Sensor	Sensor Mounting Height
NXW	-	~	~	-	-	~	~	-	-
NXWS_F	NXSMP2	~	<b>v</b>	~	~	~	~	-	16ft, 40ft
BTSO12F	BTSMP-OMNI-O	-	_	~	~	~	Bluetooth	-	12ft
BTS_F	BTSMP	_	-	~	~	~	Bluetooth	-	14ft, 40ft
ADD	-	_	~	-	-	~	-	<ul> <li></li> </ul>	-
ADT	_	_	~	-	-	~	-	<ul> <li></li> </ul>	_
7PR	_	Paired with external control	Paired with external control	_	Paired with external control	Paired with external control	-	<ul> <li></li> </ul>	_
7PR-SC	_	-	_	-	-	-	-	<ul> <li></li> </ul>	_
3PR	-	-	_	-	_	Paired with external control	-	<ul> <li></li> </ul>	_
3PR-SC	_	_	_	-	-	-	-	<ul> <li></li> </ul>	_
3PR-TL	-	_	-	-	<ul> <li></li> </ul>	~	-	<ul> <li></li> </ul>	_
WIR	-	~	~	_	~	~	Gateway	-	-
WIRSC	BTSMP	~	~	~	~	~	Gateway	_	14ft, 40ft

WISCAPE N LIGHTING CONTROLS



DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

### 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 <sub>70</sub> (Hours)
25°C / 77°F	1.00	0.97	0.96	0.95	0.91	408,000
40°C / 104°F	0.99	0.96	0.95	0.94	0.89	356,000

### LUMINAIRE AMBIENT TEMPERATURE FACTOR (LATF)

Ambient <sup>-</sup>	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

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

Strike Lumen Multiplier						
ССТ	70 CRI	80 CRI	90 CRI			
2700K	0.9	0.81	0.62			
3000K	0.933	0.853	0.659			
3500K	0.959	0.894	0.711			
4000K	1	0.9	0.732			
5000K	1	0.9	0.732			
Monochromatic Amber Multiplier						
Amber		0.255				



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)			CURREN	T (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	



DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

### ELECTRICAL DATA: STRIKE

# OF LEDS	36					
NOMINAL WATTAGE	39	55	85	105	120	
SYSTEM POWER (W)	39.6	56.8	83.6	108.2	120.9	
INPUT VOLTAGE (V)			CURRENT (Amps)			
120	0.33	0.46	0.71	0.88	0.96	
208	0.19	0.26	0.41	0.50	0.55	
240	0.16	0.23	0.35	0.44	0.48	
277	0.14	0.14 0.20 0.31 0.38 0.42				
347	0.11	0.16	0.24	0.30	0.33	
480	0.08	0.11	0.18	0.22	0.24	

# OF LEDS	72					
NOMINAL WATTAGE	115	145	180	210	240	
SYSTEM POWER (W)	113.7	143.2	179.4	210.2	241.7	
INPUT VOLTAGE (V)			CURRENT (Amps)			
120	1.00	1.21	1.50	1.75	1.79	
208	0.58	0.70	0.87	1.01	1.03	
240	0.50	0.60	0.75	0.88	0.90	
277	0.43	0.52	0.65	0.76	0.78	
347	0.35	0.42	0.52	0.61	0.62	
480	0.25	0.30	0.38	0.44	0.45	

# OF LEDS		10	)8				
NOMINAL WATTAGE	215	215 250 280 325					
SYSTEM POWER (W)	214.8	250.8	278.3	324.7	362.6		
INPUT VOLTAGE (V)			CURRENT (Amps)				
120	2.00	2.08	2.33	3.04	2.67		
208	1.15	1.20	1.35	1.75	1.54		
240	1.00	1.04	1.17	1.52	1.33		
277	0.87	0.87 0.90 1.01 1.32 1.16					
347	0.69	0.72	0.81	1.05	0.92		
480	0.50	0.52	0.58	0.76	0.67		

# OF LEDS				162		
NOMINAL WATTAGE	320	365	405	445	485	545
SYSTEM POWER (W)	322.1	362.6	403.6	445.1	487.1	543.9
INPUT VOLTAGE (V)				CURRENT (Amps)		
120	2.71	2.67	3.38	3.71	4.04	4.54
208	1.56	1.54	1.95	2.14	2.33	2.62
240	1.35	1.33	1.69	1.85	2.02	2.27
277	1.17	1.16	1.46	1.61	1.75	1.97
347	0.94	0.92	1.17	1.28	1.40	1.57
480	0.68	0.67	0.84	0.93	1.01	1.14

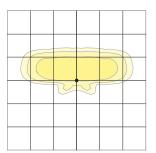


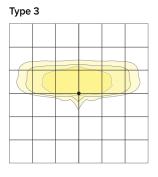
DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

### MICRO STRIKE PHOTOMETRY

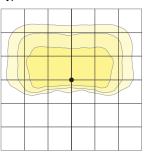
The following diagrams represent the general distribution options offered for this product. For detailed information on specific product configurations, see website photometric test reports.

### Type 2

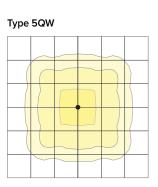




Type 4 Wide



Type 4F				
	1			
			5	
		17		



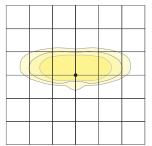


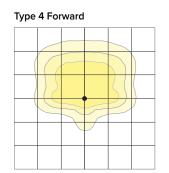
DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

### **OPTIC STRIKE PHOTOMETRY**

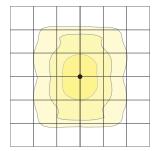
The following diagrams represent the general distribution options offered for this product. For detailed information on specific product configurations, see website photometric test reports.

### Type FR – Front Row/Auto Optic

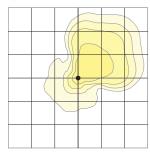


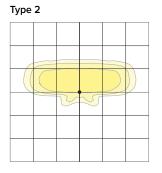


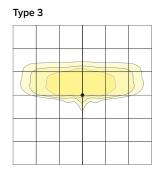
### Type 5R (rectangular)

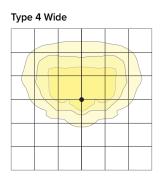


Type Corner

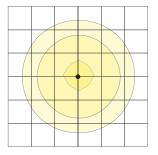


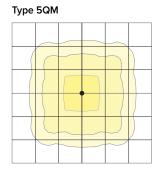






Type 5W (round wide)





Type TC

		)
0		

### Current 🗐

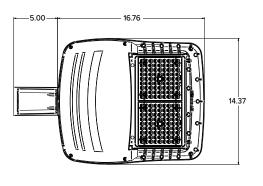
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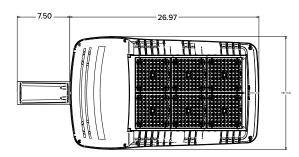
### DIMENSIONS

### SIZE 1





### SIZE 3

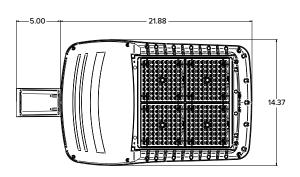


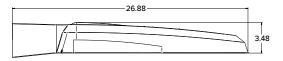


			EPA		
	VP1 (Size 1)	VP2 (Size 2)	VP3 (Size 3)	VP4 (Size 4)	Config.
Single Fixture	0.454	0.555	0.655	0.698	P
Two at 180	0.908	1.110	1.310	1.396	
Two at 90	0.583	0.711	0.857	0.948	
Three at 90	1.037	1.266	1.512	1.646	
Three at 120	0.943	1.155	1.392	1.680	AND NO
Four at 90	1.166	1.422	1.714	1.896	

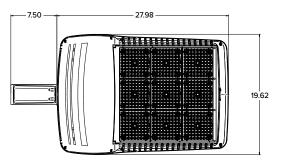
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TYPE:	PROJECT:
CATALOG #:	

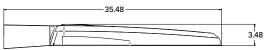
### SIZE 2





SIZE 4





	Wei	ight
	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

## Current 🗐

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TYPE:	PROJECT:
CATALOG #:	

### 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 2.5" to 4.5" and Current drill pattern S2. For round poles add applicable suffix (2/3/4/5)

	8.3"	
14		



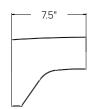
### AAU-ADJUSTABLE ARM FOR POLE MOUNTING

Rotatable arm mounts directly to pole. Compatible with drill patterns from 2.5" to 4.5" and Current drill pattern S2 and B3. For round poles add applicable suffix (2/3/4/5). Rotatable in 15° aiming angle increments. Micro Strike configurations have a 45° aiming limitation.

Strike configurations have a  $30^\circ$  aiming limitation.

### ADU-DECORATIVE UPSWEPT ARM

Upswept Arm compatible with drill patterns from 2.5" to 4.5" 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

Knuckle mount 15° aiming angle increments for precise aiming and control, fits 2-3/8" tenons or pipes. Micro Strike configurations have a 45° aiming limitation. Strike configurations have a 30° aiming limitation.





### T-TRUNNION

WM-WALL MOUNT

arm with an adjustable arm.

Compatible with universal arm mount,

adjustable arm mount, and decorative arm mount. The WA option uses the same wall bracket but replaces the decorative

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.





Current 🗐

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0

9.3"





DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

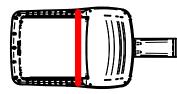
### ADDITIONAL INFORMATION (CONTINUED)

### HOUSE SIDE SHIELD FIELD INSTALL ACCESSORIES

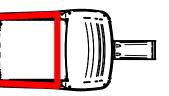
HSS has a depth of 5" for all Viper sizes

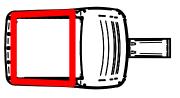
Not to be used with Occupancy Sensors as the shield may block the light to the sensor.

VPR2x HSS-90-B-xx



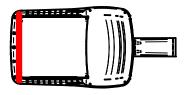




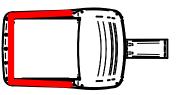


VPR2x HSS-360-xx

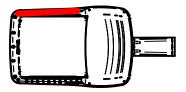
VPR2x HSS-90-F-xx



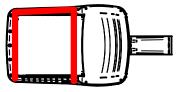
VPR2x HSS-270-FSS-xx



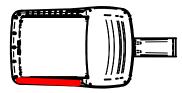
VPR2x HSS-90-S-xx



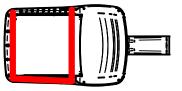
VPR2x HSS-270-FSB-xx



VPR2x HSS-90-S-xx



VPR2x HSS-270-FSB-xx





DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

### ADDITIONAL INFORMATION (CONTINUED)

### PROGRAMMED CONTROLS

ADD-AutoDim Timer Based Options

• Light delay options from 1-9 hours after the light is turned on to dim the light by 10-100%. To return the luminaire to its original light level there are dim return options from 1-9 hours after the light has been dimmed previously.

#### EX: ADD-6-5-R6

ADD Control Options	Configurations Choices	Example Choice Picked
Auto-Dim Options	1-9 Hours	6 - Delay 6 hours
Auto-Dim Brightness	10-100% Brightness	5 - Dim to 50% brightness
Auto-Dim Return	Delay 0-9 Hours	R6 - Return to full output after 6 hours

ADT-AutoDim Time of Day Based Option

• Light delay options from 1AM-9PM after the light is turned on to dim the light by 10-100%. To return the luminaire to its original light level there are dim return options from 1AM-9PM after the light has been dimmed previously.

### EX: ADT-6-5-R6

ADD Control Options	Configurations Choices	Example Choice Picked
Auto-Dim Options	12-3 AM and 6-11 PM	6 - Dim at 6PM
Auto-Dim Brightness	10-100% Brightness	5 - Dim to 50%
Auto-Dim Return	12-6 AM and 9-11P	R6 - Return to full output at 6AM