

VIPER Wall

VPW1/VPW2/VPW3 LED WALLPACK

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

FEATURES

- Low profile LED wall luminaire with a variety of IES distributions for lighting applications such as retail, commercial and industrial building mount
- Featuring Silicone Strike and Micro Strike Optics which maximizes target zone illumination with minimal losses at the house-side, reducing light trespass issues
- Visual Comfort - Option for Size 2 and Size 3
- Control options including photo control, occupancy sensing, and NX Distributed Intelligence™.
- Battery Backup options available for emergency code compliance
- Quick-mount adapter allows easy installation/maintenance
- 347V and 480V versions for industrial applications and Canada



CONTROL TECHNOLOGY



SPECIFICATIONS

CONSTRUCTION

- Die-cast housing with hidden vertical heat fins that are optimal for heat dissipation while keeping a clean smooth outer surface
- Corrosion resistant, die-cast aluminum housing with powder coat paint finish
- Powder paint finish provides durability in outdoor environments. Tested to meet 1000 hour salt spray rating

OPTICS

- Entire optical aperture illuminates to create a larger luminous surface area resulting in a low glare appearance without sacrificing optical performance
- 2700K, 3000K, 3500K, 4000K and 5000K CCTs
- Zero uplight distributions
- LED optics provide IES type II, III and IV distributions.
- Silicone Strike Optics (20, 40 LED counts) Maximize uniformity in applications, provides the highest LPW, and meeting IK10 impact rating an integral gasket allowing for IP66 rating. Catalog logic found on page 3.

INSTALLATION

- Quick-mount adapter provides easy installation to wall or to recessed junction boxes (4" square junction box)
- Designed for direct j-box mount.

ELECTRICAL

- 120V-277V universal voltage 50/60Hz 0-10V dimming drivers
- 347V input is available in most wattage, 480V is available for 55W and above.
- Ambient operating temperature -40°C to 40°C
- Driver RoHS and IP66
- 10kV Surge Protector optional
- Drivers have greater than .90 power factor and less than 20% Total Harmonic Distortion
- 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 can not be included in one same fixture.
- Dimming drivers are standard. Select CD (Customer Dimming) for the dimming wires to be extended outside the fixture.

CONTROLS

- Photo control, occupancy sensor and wireless available for complete on/off and dimming control
- Button photocontrol is suitable for 120-277V operation
- NX Distributed Intelligence™ available with in fixture wireless control module, features dimming and occupancy sensor

CONTROLS CONTINUED

- Integral Battery Backup provides emergency lighting for the required 90 minute path of egress
- Battery Backup suitable for operating temperatures -20°C to 40°C.
- Please consult brand or sales representative when combining control and electrical options as some combinations may not operate as anticipated depending on your application.
- LightGRID+ available with in fixture wireless control module, features dimming and occupancy sensor.

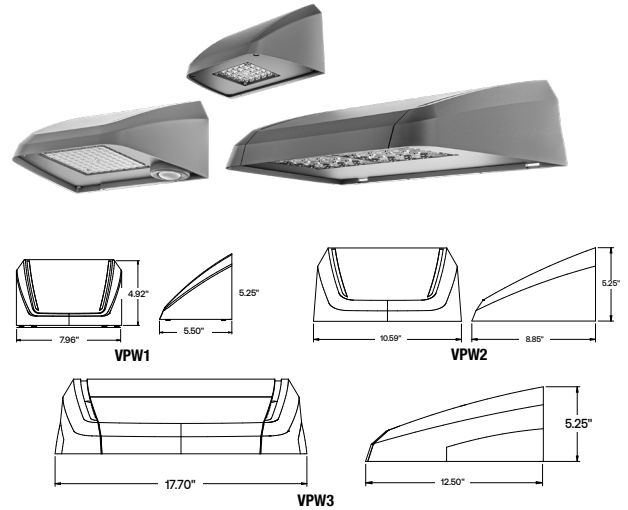
CERTIFICATIONS

- Certified to UL 1598 and CSA 22.2#250.0-24
- IP65 rating with Strike and Microstrike optics
- IP66 and IK10 rating with Silicone Strike optics
- Emergency battery backup options are California Energy Commission (CEC) Title 20 Compliant
- 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://http://www.currentlighting.com/resources/americasolutions>).
- DarkSky approved with 3000K CCT or warmer

WARRANTY

- 5 year limited warranty

MICRO STRIKE | SILICONE STRIKE



	Weight
VPW1	4.1 lbs / 1.86 kg
VPW2	7.15 lbs / 3.24 kg
VPW3	17.1 lbs / 7.80 kg

VIPER Wall

VPW1/VPW2/VPW3 LED WALLPACK

ORDERING GUIDE

Example: VPW1-24L-10-3K7-2-UNV-BLS

 CATALOG #

Series	Optic Platform	Size	# LEDs - Wattage	CCT/CRI	Distribution	Voltage	Color			
VPW Viper Wall	(blank) Microstrike	1	24L-10	1,000 Lumens	27K8	2700K, 80 CRI ¹⁶	UNV 120-277V 120 120V 208 208V 240 240V 277 277V 347 347V 480 480V	BLT	Black Matte Textured	
			24L-15	2,000 Lumens	3K7	3000K, 70 CRI ¹⁶		BLS	Black Gloss Smooth	
			24L-25	3,000 Lumens	4K7	4000K, 70 CRI		DBT	Dark Bronze Matte Textured	
			2	48L-15	2,000 Lumens	5K7		5000K, 70 CRI	DBS	Dark Bronze Gloss Smooth
				48L-20	3,000 Lumens	3K8		3000K, 80 CRI	GTT	Graphite Matte Textured
				48L-30	4,000 Lumens	35K8		3500K, 80 CRI	LGS	Light Grey Gloss Smooth
				48L-35	5,000 Lumens	4K8		4000K, 80 CRI	LGT	Light Grey Matte Textured
				48L-45	6,000 Lumens	5K8		5000K, 80 CRI	PSS	Platinum Silver Smooth
				80L-20	3,000 Lumens	AP		Phosphor Converted Amber ¹	WHT	White Matte Textured
		3	80L-25	4,000 Lumens			WHS	White Gloss Smooth		
			80L-35	5,000 Lumens			VGT	Verde Green Textured		
			80L-45	6,000 Lumens			Color Option			
			80L-55	7,000 Lumens			CC	Custom Color		
			80L-65	8,000 Lumens						
			80L-70	8,500 Lumens						
			160L-45	7,000 Lumens						
			160L-70	10,000 Lumens						
			160L-95	12,500 Lumens						
			160L-105	15,000 Lumens						
		160L-135	17,500 Lumens							
		160L-155	20,000 Lumens							

Control Options Network ^{3,7,11,13}	
NXWS12F	NX Networked Wireless Enabled Integral NXSMP2-OMNI PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming ¹⁴
NXWS16F	NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming ⁹
NXWS40F	NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming ⁹
NXW	NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor
Stand Alone Sensors ^{7,11,13}	
BTS-14F	Bluetooth® Programmable, PIR Occupancy/Daylight Sensor ^{4,9}
BTS-40F	Bluetooth® Programmable, PIR Occupancy/Daylight Sensor ^{4,9}
BTSO-12F	Bluetooth® Programmable, PIR Occupancy/Daylight Sensor, up to 12' mounting height ¹⁴
Photocontrol ¹³	
PC	Button Photocontrol 120-277V

Options	
F	Fusing ^{5,7}
E	Battery ^{6,7,8}
EH	Battery with Heater ^{6,7,8}
CS	Comfort Shield ^{7,10}
SP	10kA Surge Protector
2PF	Dual Power Feed ^{2,7,8,17}
2DR	Dual Driver ^{2,7,8,17}
CD	Customer Dimming ¹²
DTS	Dimming Transfer Switch ⁷

Notes:

- Available with Micro Strike Optics only
- Not available with 480V in Size 1 and Size 2
- Networked controls cannot be combined with other control options
- Not available with VPW1 or with 2PF or 2DR options
- Must specify voltage (VPW1 & VPW2: 120V, 277V or 347V; VPW3: 120V, 208V, 240V, 277V, 347V or 480V)
- See page 13 for detail Battery configurations
- Not available in VPW1
- 2PF can't be combined with E or EH; 2DR can't be combined with E or EH in VPW2
- Not available in VPW1 and VPW2
- Not available with Micro Strike 24L and 48L. Not available with Strike 18L and 36L
- Not available with 2PF
- Not available with Network Control options or Stand Alone Sensors.
- Not available in 480V in VPW2; Only available in 480V in VPW3 in 80W, 100W, 120W, 135W and 155W
- NXWS12F and BTSO-12F are the only sensors available in VPW2
- Available with Strike Optics only (18L or 36L)
- DarkSky approved with 3000K CCT or warmer
- Not available in Size 2 80L

VIPER Wall

VPW2/VPW3 LED WALLPACK

ORDERING GUIDE

Example: VPWSS-20L-20-3K7-2-UNV-BLS

CATALOG #

Series	Optic Platform	Size	# LEDs - Wattage	CCT/CRI	Distribution	Voltage	Color
VPW Viper Wall	SS Silicone Strike	2	20L-20 3,000 Lumens 20L-25 4,000 Lumens 20L-30 5,000 Lumens 20L-39 6,000 Lumens 20L-45 7,000 Lumens 20L-55 8,000 Lumens 20L-60 9,000 Lumens 20L-70 10,000 Lumens	27K8 2700K, 80 CRI ¹² 22K7 2200K, 70 CRI ¹² 27K7 2700K, 70 CRI ¹² 3K7 3000K, 70 CRI ¹² 4K7 4000K, 70 CRI 5K7 5000K, 70 CRI 3K8 3000K, 80 CRI 35K8 3500K, 80 CRI 4K8 4000K, 80 CRI 5K8 5000K, 80 CRI	2 IES TYPE 2 3 IES TYPE 3 4F IES TYPE 4 Forward 4W IES TYPE 4W	UNV 120-277V 120 120V 208 208V 240 240V 277 277V 347 347V 480 480V ¹³	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 Matte Textured PSS Platinum Silver Smooth WHT White Matte Textured WHS White Gloss Smooth VGT Verde Green Textured
		3	40L-35 5,500 Lumens 40L-50 7,500 Lumens 40L-65 10,000 Lumens 40L-80 12,500 Lumens 40L-100 15,000 Lumens 40L-120 17,500 Lumens 40L-140 20,000 Lumens 40L-170 22,500 Lumens 40L-195 25,000 Lumens	Color Option CC Custom Color			

Control Options Network ^{2,8}	
NXWS12F	NX Networked Wireless Enabled Integral NXSMP2-OMNI PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming ¹¹
NXWS16F	NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming ⁷
NXWS40F	NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming ⁷
NXW	NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor
Stand Alone Sensors ⁸	
BTS-14F	Bluetooth® Programmable, PIR Occupancy/Daylight Sensor ^{2,7}
BTS-40F	Bluetooth® Programmable, PIR Occupancy/Daylight Sensor ^{2,7}
BTSO-12F	Bluetooth® Programmable, PIR Occupancy/Daylight Sensor, up to 12' mounting height ¹¹
Photocontrol ¹⁰	
PC	Button Photocontrol 120-277V ⁶

Options	
F	Fusing ⁴
E	Battery ^{5,6}
EH	Battery with Heater ^{5,6}
SP	10kA Surge Protector
2PF	Dual Power Feed ⁶
2DR	Dual Driver ^{1,6}
CD	Customer Dimming ⁹
DTS	Dimming Transfer Switch

Notes:

- 1 Only available in Size 3
- 2 Networked controls cannot be combined with other control options
- 3 Not available with VPW1 or with 2PF or 2DR options
- 4 Must specify voltage (120V, 277V or 347V; VPW3: 120V, 208V, 240V, 277V, 347V or 480V)
- 5 See page 13 for detail Battery configurations
- 6 2PF and 2DR can't be combined with E or EH
- 7 Not available in VPW2
- 8 Not available with 2PF
- 9 Not available with Network Control options or Stand Alone Sensors.
- 10 Not available in 480V
- 11 NXWS12F and BTSSO-12F are the only sensors available in VPW2
- 12 DarkSky approved with 3000K CCT or warmer
- 13 480V input only available in VPW2-55W, 60W, and 70W; VPW3-65W, 80W, 100W, 120W, 140W, 170W, and 195W

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ACCESSORIES AND REPLACEMENT PARTS - MADE TO ORDER

Catalog Number	Description
<input type="checkbox"/> WP-BB-XXX	Back Box Accessory for conduit entry ¹
<input type="checkbox"/> CS	Comfort Shield ²

Notes:

- replace "xxx" with color option
- Not available with Micro Strike 24L and 48L or Strike 18L and 36L, Not available with Silicone Strike 80L and 160L

CONTROLS FUNCTIONALITY

OUTDOOR LIGHTING CONTROLS OPTIONS



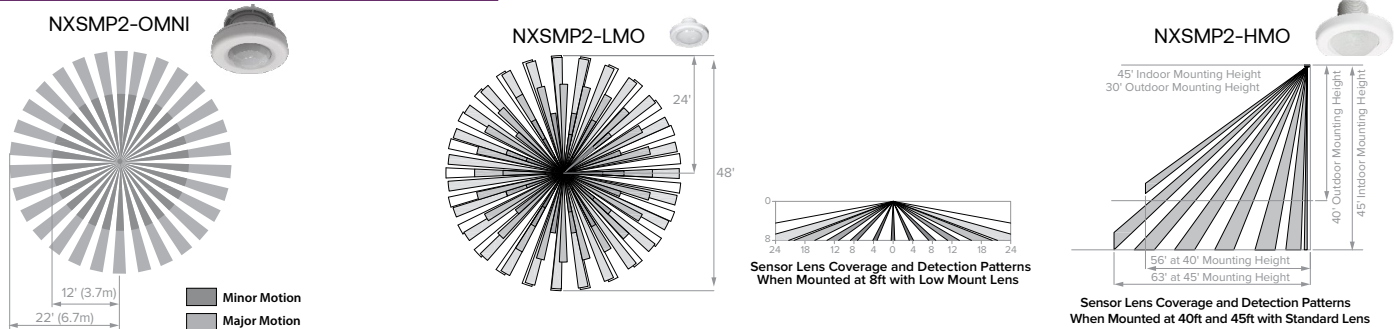
	Control Option Ordering Logic & Description	Control Option Functionality									Control Option Components
		Networkable	Grouping	Scheduling	Occupancy/Motion	Daylight Harvesting	0-10V Dimming	On/Off Control	Bluetooth App Programming	Sensor Height	
NX Wireless	NXW NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor	✓	✓	✓	-	-	✓	✓	✓	-	NXRM2-H
	NXWS16F NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming	✓	✓	✓	✓	✓	✓	✓	✓	16ft	NXSMP2-LMO
	NXWS40F NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming	✓	✓	✓	✓	✓	✓	✓	✓	40ft	NXSMP2-HMO
Independent	BTSO-12F Bluetooth® Programmable, BTSMP-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens	-	-	-	✓	✓	✓	✓	✓	12ft	BTSMP-OMNI-O
	BTS-14F Bluetooth® Programmable, BTSMP-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens	-	-	-	✓	✓	✓	✓	✓	14ft	BTSMP-LMO
	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	Off
	*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	0% (Off)
	Daylight Sensor	Disabled

NX WIRELESS COVERAGE PATTERNS



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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 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&gl=US



Apple App



Google Play

LUMINAIRE AMBIENT TEMPERATURE FACTOR (LATF) PROJECTED LUMEN MAINTENANCE

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
50°C	122°F	0.97

Ambient Temp.	OPERATING HOURS		
	0	25,000	TM-21-22 60,000
25°C / 77°F	1.00	0.91	0.83
40°C / 104°F	0.99	0.90	0.82

Lumen maintenance values calculated per TM-21 using six times the LM-80 test time for the LED and in-situ thermal testing of the luminaire.

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

MULTIPLIER

Micro Strike Lumen Multiplier			
CCT	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
Monochromatic Amber Multiplier			
Amber	0.710		

Silicone Strike Lumen Multiplier			
CCT	70 CRI	80 CRI	90 CRI
2700K	0.91	0.77	-
3000K	0.94	0.87	-
3500K	-	0.87	-
4000K	1.00	0.91	-
5000K	1.00	0.91	-

PERFORMANCE DATA: MICROSTRIKE

Description	# of LEDs	Nominal Wattage	System Watts	Dist. Type	5K (5000K NOMINAL 70 CRI)					4K (4000K NOMINAL 70 CRI)					3K (3000K NOMINAL 70 CRI)				
					Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
VPW1	24L	10	6.6	2	1068	141	0	0	0	1068	141	0	0	0	989	131	0	0	0
				3	1076	142	0	0	1	1076	142	0	0	1	997	131	0	0	1
				4F	1052	139	0	0	1	1052	139	0	0	1	974	129	0	0	1
				4W	1041	137	0	0	1	1041	137	0	0	1	964	127	0	0	1
		2	1993	129	1	0	0	1993	129	1	0	0	1845	119	1	0	0		
		3	2008	130	1	0	1	2008	130	1	0	1	1859	120	0	0	1		
	4F	1964	127	0	0	1	1964	127	0	0	1	1818	117	0	0	1			
	4W	1943	125	1	0	1	1943	125	1	0	1	1799	116	0	0	1			
	2	3055	125	1	0	1	3055	125	1	0	1	2828	116	1	0	1			
	3	3078	126	1	0	1	3078	126	1	0	1	2850	117	1	0	1			
	4F	3010	123	1	0	1	3010	123	1	0	1	2787	114	1	0	1			
	4W	2978	122	1	0	1	2978	122	1	0	1	2757	113	1	0	1			



DATE: _____ LOCATION: _____

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VPW1/VPW2/VPW3 LED WALLPACK

PERFORMANCE DATA: MICROSTRIKE CONT'D

Description	# of LEDs	Nominal Wattage	System Watts	Dist. Type	5K (5000K NOMINAL 70 CRI)					4K (4000K NOMINAL 70 CRI)					3K (3000K NOMINAL 70 CRI)				
					Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
48L	15	13.1	2	2139	145	1	0	1	2139	145	1	0	1	1981	134	1	0	1	
			3	2163	146	1	0	1	2163	146	1	0	1	2003	135	1	0	1	
			4F	2097	143	0	0	1	2097	143	0	0	1	1942	132	0	0	1	
			4W	2101	143	1	0	1	2101	143	1	0	1	1946	132	0	0	1	
	20	20.5	2	2973	141	1	0	1	2973	141	1	0	1	2753	130	1	0	1	
			3	3007	142	1	0	1	3007	142	1	0	1	2784	132	1	0	1	
			4F	2915	138	1	0	1	2915	138	1	0	1	2699	128	1	0	1	
			4W	2921	138	1	0	1	2921	138	1	0	1	2705	128	1	0	1	
	30	28.8	2	4000	137	1	0	1	4000	137	1	0	1	3704	126	1	0	1	
			3	4045	138	1	0	1	4045	138	1	0	1	3745	128	1	0	1	
			4F	3922	134	1	0	1	3922	134	1	0	1	3631	124	1	0	1	
			4W	3930	134	1	0	2	3930	134	1	0	2	3638	124	1	0	1	
	35	37.3	2	4997	134	1	0	1	4997	134	1	0	1	4627	124	1	0	1	
			3	5053	135	1	0	2	5053	135	1	0	2	4679	125	1	0	1	
			4F	4899	131	1	0	1	4899	131	1	0	1	4536	122	1	0	1	
			4W	4909	132	1	0	2	4909	132	1	0	2	4545	122	1	0	2	
	45	45.9	2	5990	127	1	0	1	5990	127	1	0	1	5546	118	1	0	1	
			3	6057	128	1	0	2	6057	128	1	0	2	5608	119	1	0	2	
			4F	5872	124	1	0	2	5872	124	1	0	2	5437	115	1	0	1	
			4W	5884	125	1	0	2	5884	125	1	0	2	5448	115	1	0	2	
	VPW2	20	19.4	2	3485	161	1	0	1	3485	161	1	0	1	3200	147	1	0	1
				3	3516	162	1	0	1	3516	162	1	0	1	3229	149	1	0	1
				4F	3485	161	1	0	1	3485	161	1	0	1	3200	147	1	0	1
				4W	3535	163	1	0	1	3535	163	1	0	1	3246	150	1	0	1
25		26.7	2	4443	154	1	0	1	4443	154	1	0	1	4080	141	1	0	1	
			3	4483	155	1	0	1	4483	155	1	0	1	4117	142	1	0	1	
			4F	4443	154	1	0	1	4443	154	1	0	1	4080	141	1	0	1	
			4W	4507	156	1	0	1	4507	156	1	0	1	4139	143	1	0	1	
35		34.2	2	5438	147	1	0	1	5438	147	1	0	1	4994	135	1	0	1	
			3	5488	148	1	0	1	5488	148	1	0	1	5039	136	1	0	1	
			4F	5438	147	1	0	1	5438	147	1	0	1	4994	135	1	0	1	
			4W	5516	149	1	0	2	5516	149	1	0	2	5066	137	1	0	1	
45		41.7	2	6369	145	1	0	1	6369	145	1	0	1	5848	133	1	0	1	
			3	6427	146	2	0	2	6427	146	2	0	2	5901	134	1	0	1	
			4F	6369	145	1	0	1	6369	145	1	0	1	5848	133	1	0	1	
			4W	6460	147	1	0	2	6460	147	1	0	2	5933	135	1	0	2	
55		50.6	2	7209	137	2	0	2	7209	137	2	0	2	6620	126	1	0	1	
			3	7275	139	2	0	2	7275	139	2	0	2	6680	127	2	0	2	
			4F	7209	137	1	0	1	7209	137	1	0	1	6620	126	1	0	1	
			4W	7313	139	1	0	2	7313	139	1	0	2	6715	128	1	0	2	
65		58.3	2	7781	130	2	0	2	7781	130	2	0	2	7145	119	2	0	2	
			3	7852	131	2	0	2	7852	131	2	0	2	7210	120	2	0	2	
			4F	7781	130	2	0	1	7781	130	2	0	1	7145	119	1	0	1	
			4W	7893	132	1	0	2	7893	132	1	0	2	7248	121	1	0	2	
70	63.5	2	8367	128	2	0	2	8367	128	2	0	2	7683	117	2	0	2		
		3	8443	129	2	0	2	8443	129	2	0	2	7753	119	2	0	2		
		4F	8367	128	2	0	1	8367	128	2	0	1	7683	117	2	0	1		
		4W	8487	130	1	0	2	8487	130	1	0	2	7794	119	1	0	2		

VIPER Wall

VPW1/VPW2/VPW3 LED WALLPACK

PERFORMANCE DATA: MICROSTRIKE CONT'D

Description	# of LEDs	Nominal Wattage	System Watts	Dist. Type	5K (5000K NOMINAL 70 CRI)					4K (4000K NOMINAL 70 CRI)					3K (3000K NOMINAL 70 CRI)				
					Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
VPW3	160L	45	46.2	2	7623	148	1	0	2	7623	148	1	0	2	7000	136	1	0	1
				3	7626	148	2	0	2	7626	148	2	0	2	7003	136	2	0	2
				4F	7590	147	2	0	1	7590	147	2	0	1	6970	135	1	0	1
				4W	7715	150	1	0	2	7715	150	1	0	2	7084	138	1	0	2
		70	68.3	2	10322	139	2	0	2	10322	139	2	0	2	9478	128	2	0	2
				3	10326	140	2	0	2	10326	140	2	0	2	9482	128	2	0	2
				4F	10277	139	2	0	2	10277	139	2	0	2	9437	128	2	0	2
				4W	10446	141	2	0	2	10446	141	2	0	2	9592	130	1	0	2
		95	91	2	12929	132	2	0	2	12929	132	2	0	2	11872	121	2	0	2
				3	12934	132	3	0	3	12934	132	3	0	3	11877	121	3	0	3
				4F	12873	131	2	0	2	12873	131	2	0	2	11821	120	2	0	2
				4W	13084	133	2	0	3	13084	133	2	0	3	12015	122	2	0	3
		105	106.3	2	15055	138	2	0	2	15055	138	2	0	2	13825	127	2	0	2
				3	15062	138	3	0	3	15062	138	3	0	3	13831	127	3	0	3
				4F	14991	138	2	0	2	14991	138	2	0	2	13766	127	2	0	2
				4W	15236	140	2	0	3	15236	140	2	0	3	13991	129	2	0	3
		135	134.8	2	17533	127	3	0	3	17533	127	3	0	3	16100	116	3	0	3
				3	17541	127	3	0	3	17541	127	3	0	3	16107	116	3	0	3
				4F	17457	126	2	0	2	17457	126	2	0	2	16031	116	2	0	2
				4W	17744	128	2	0	4	17744	128	2	0	4	16294	118	2	0	3
155	158.3	2	20066	123	3	0	3	20066	123	3	0	3	18426	113	3	0	3		
		3	20075	123	3	0	3	20075	123	3	0	3	18434	113	3	0	3		
		4F	19980	123	3	0	3	19980	123	3	0	3	18347	113	2	0	2		
		4W	20307	125	2	0	4	20307	125	2	0	4	18648	115	2	0	4		

PERFORMANCE DATA: SILICONE STRIKE

Description	# of LEDs	Nominal Wattage	System Watts	Dist. Type	5K (5000K NOMINAL 70 CRI)					4K (4000K NOMINAL 70 CRI)					3K (3000K NOMINAL 70 CRI)				
					Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
VPW2	20	20	19.2	T2	3104	162	1	0	1	3104	162	1	0	1	2946	154	1	0	1
				T3	3139	163	1	0	1	3139	163	1	0	1	2970	155	1	0	1
				T4F	3011	157	1	0	1	3011	157	1	0	1	2864	149	1	0	1
				T4W	2986	155	1	0	1	2986	156	1	0	1	2833	148	1	0	1
		25	25.4	T2	4048	159	1	0	1	4048	159	1	0	1	3842	151	1	0	1
				T3	4129	163	1	0	1	4129	163	1	0	1	3907	154	1	0	1
				T4F	3949	155	1	0	1	3949	155	1	0	1	3756	148	1	0	1
				T4W	3934	155	1	0	2	3934	155	1	0	2	3732	147	1	0	2
		30	32.5	T2	5025	155	2	0	2	5025	155	2	0	2	4768	147	1	0	2
				T3	5067	156	1	0	1	5067	156	1	0	1	4807	148	1	0	1
				T4F	4852	149	1	0	2	4852	149	1	0	2	4604	142	1	0	2
				T4W	4804	148	1	0	2	4804	148	1	0	2	4558	140	1	0	2
		39	39.9	T2	5959	149	2	0	2	5959	149	2	0	2	5654	142	2	0	2
				T3	6008	150	2	0	2	6008	151	2	0	2	5700	143	1	0	2
				T4F	5754	144	1	0	2	5754	144	1	0	2	5459	137	1	0	2
				T4W	5697	142	1	0	2	5697	143	1	0	2	5405	135	1	0	2
		45	47.0	T2	6869	146	2	0	2	6869	146	2	0	2	6517	139	2	0	2
				T3	6926	147	2	0	2	6926	147	2	0	2	6571	140	2	0	2
				T4F	6633	141	1	0	2	6633	141	1	0	2	6293	134	1	0	2
				T4W	6567	140	1	0	2	6567	140	1	0	2	6231	133	1	0	2

VIPER Wall

VPW1/VPW2/VPW3 LED WALLPACK

PERFORMANCE DATA: SILICONE STRIKE CONT'D

Description	# of LEDs	Nominal Wattage	System Watts	Dist. Type	5K (5000K NOMINAL 70 CRI)					4K (4000K NOMINAL 70 CRI)					3K (3000K NOMINAL 70 CRI)				
					Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
VPW2	20	55	55.6	T2	7920	142	2	0	2	7920	142	2	0	2	7514	135	2	0	2
				T3	7985	144	2	0	2	7985	144	2	0	2	7576	136	2	0	2
				T4F	7647	138	1	0	2	7647	138	1	0	2	7256	130	1	0	2
				T4W	7571	136	1	0	2	7571	136	1	0	2	7184	129	1	0	2
		T2	8891	138	2	0	2	8891	138	2	0	2	8435	131	1	0	2		
		T3	9042	140	2	0	2	9042	140	2	0	2	8579	133	1	0	2		
	60	64.5	T4F	8692	135	1	0	2	8692	135	1	0	2	8247	128	1	0	2	
			T4W	8637	134	2	0	3	8637	134	2	0	3	8195	127	2	0	3	
			T2	9588	133	2	0	3	9588	133	2	0	3	9097	126	2	0	3	
			T3	9751	135	2	0	2	9751	135	2	0	2	9252	128	2	0	2	
	70	72.1	T4F	9374	130	2	0	2	9374	130	2	0	2	8894	123	1	0	2	
			T4W	9315	129	2	0	3	9315	129	2	0	3	8838	123	2	0	3	

Description	# of LEDs	Nominal Wattage	System Watts	Dist. Type	5K (5000K NOMINAL 70 CRI)					4K (4000K NOMINAL 70 CRI)					3K (3000K NOMINAL 70 CRI)				
					Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
VPW3	40	35	35.7	T2	5805	162	2	0	2	5805	162	2	0	2	5579	156	2	0	2
				T3	5910	165	1	0	2	5910	165	1	0	2	5680	159	1	0	2
				T4F	5712	160	1	0	2	5712	160	1	0	2	5490	154	1	0	2
				T4W	5646	158	1	0	2	5646	158	1	0	2	5427	152	1	0	2
		50	49.2	T2	7764	158	2	0	2	7764	158	2	0	2	7463	152	2	0	2
				T3	7905	161	2	0	2	7905	161	2	0	2	7598	154	2	0	2
				T4F	7640	155	2	0	2	7640	155	2	0	2	7343	149	1	0	2
				T4W	7553	154	2	0	3	7553	154	2	0	3	7259	148	1	0	3
		65	64.5	T2	10078	156	2	0	3	10078	156	2	0	3	9646	150	2	0	3
				T3	10218	158	2	0	2	10218	158	2	0	2	9821	152	2	0	2
				T4F	9868	153	2	0	2	9868	153	2	0	2	9492	147	2	0	2
				T4W	9784	152	2	0	3	9784	152	2	0	3	9383	145	2	0	3
		80	83.7	T2	12701	152	3	0	3	12701	152	3	0	3	12156	145	3	0	3
				T3	12877	154	3	0	3	12877	154	3	0	3	12377	148	3	0	3
				T4F	12436	149	2	0	3	12436	149	2	0	3	11963	143	2	0	2
				T4W	12331	147	2	0	3	12331	147	2	0	3	11825	141	2	0	3
		100	104.3	T2	15185	146	3	0	3	15185	146	3	0	3	14595	140	3	0	3
				T3	15395	148	3	0	3	15395	148	3	0	3	14797	142	3	0	3
				T4F	14868	143	2	0	3	14868	143	2	0	3	14290	137	2	0	3
				T4W	14742	141	2	0	3	14742	141	2	0	3	14169	136	2	0	3
		120	123.3	T2	17609	143	3	0	3	17609	143	3	0	3	16925	137	3	0	3
				T3	17853	145	3	0	3	17853	145	3	0	3	17159	139	3	0	3
				T4F	17242	140	2	0	3	17242	140	2	0	3	16572	134	2	0	3
				T4W	17096	139	3	0	4	17096	139	3	0	4	16431	133	3	0	4
	140	140.5	T2	19584	139	3	0	4	19584	139	3	0	4	18775	134	3	0	3	
			T3	19876	141	3	0	3	19876	141	3	0	3	19119	136	3	0	3	
			T4F	19231	137	2	0	4	19231	137	2	0	4	18570	132	2	0	4	
			T4W	19199	137	3	0	4	19199	137	3	0	4	18399	131	3	0	4	
	170	168.8	T2	22433	133	3	0	4	22433	133	3	0	4	21507	127	3	0	4	
			T3	22768	135	3	0	3	22768	135	3	0	3	21901	130	3	0	3	
			T4F	22029	131	3	0	4	22029	131	3	0	4	21272	126	3	0	4	
			T4W	21993	130	3	0	4	21993	130	3	0	4	21077	125	3	0	4	

VIPER Wall

VPW1/VPW2/VPW3 LED WALLPACK

PERFORMANCE DATA: SILICONE STRIKE CONT'D

Description	# of LEDs	Nominal Wattage	System Watts	Dist. Type	5K (5000K NOMINAL 70 CRI)					4K (4000K NOMINAL 70 CRI)					3K (3000K NOMINAL 70 CRI)				
					Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
VPW3	40	195	190.0	T2	24139	126	3	0	4	24139	126	3	0	4	23142	123	3	0	4
				T3	24499	128	3	0	4	24499	128	3	0	4	23566	125	3	0	3
				T4F	23704	124	3	0	4	23704	124	3	0	4	22889	121	3	0	4
				T4W	23665	124	3	0	4	23665	124	3	0	4	22679	120	3	0	4

ELECTRICAL DATA: SILICONE STRIKE

# OF LEDs	20L Size 2								
NOMINAL WATTAGE	20	25	30	39	45	55	60	70	
SYSTEM POWER (W)	19.2	25.4	32.5	40.0	47.0	55.6	64.5	72.1	
INPUT VOLTAGE (V)	CURRENT (Amps)								
120	0.16	0.21	0.27	0.33	0.39	0.46	0.54	0.60	
208	0.09	0.12	0.16	0.19	0.23	0.27	0.31	0.35	
240	0.08	0.11	0.14	0.17	0.20	0.23	0.27	0.30	
277	0.07	0.09	0.12	0.14	0.17	0.20	0.23	0.26	
347	0.06	0.07	0.09	0.12	0.14	0.16	0.19	0.21	
480	-	-	-	-	-	0.12	0.13	0.15	

# OF LEDs	40L Size 3								
NOMINAL WATTAGE	35	50	65	80	100	120	140	170	195
SYSTEM POWER (W)	35.7	49.2	64.5	83.7	104.3	123.3	140.5	168.8	190.0
INPUT VOLTAGE (V)	CURRENT (Amps)								
120	0.30	0.41	0.54	0.70	0.87	1.03	1.17	1.41	1.58
208	0.17	0.24	0.31	0.40	0.50	0.59	0.68	0.81	0.91
240	0.15	0.21	0.27	0.35	0.43	0.51	0.59	0.70	0.79
277	0.13	0.18	0.23	0.30	0.38	0.45	0.51	0.61	0.69
347	0.10	0.14	0.19	0.24	0.30	0.36	0.40	0.49	0.55
480	-	-	0.13	0.17	0.22	0.26	0.29	0.35	0.40



DATE: _____ LOCATION: _____

TYPE: _____ PROJECT: _____

CATALOG #: _____

VIPER Wall

VPW1/VPW2/VPW3 LED WALLPACK

ELECTRICAL DATA: MICROSTRIKE

# OF LEDS	24L		
NOMINAL WATTAGE	10	15	25
SYSTEM POWER (W)	6.6	14.0	23.0
INPUT VOLTAGE (V)	CURRENT (Amps)		
120	0.06	0.12	0.19
208	0.03	0.07	0.11
240	0.03	0.06	0.10
277	0.02	0.05	0.08
347	0.02	0.04	0.07
480	0.01	0.03	0.05

# OF LEDS	48L				
NOMINAL WATTAGE	15	20	30	35	45
SYSTEM POWER (W)	13.1	20.5	28.8	37.3	45.9
INPUT VOLTAGE (V)	CURRENT (Amps)				
120	0.11	0.17	0.24	0.31	0.38
208	0.06	0.10	0.14	0.18	0.22
240	0.05	0.09	0.12	0.16	0.19
277	0.05	0.07	0.10	0.13	0.17
347	0.04	0.06	0.08	0.11	0.13
480	0.03	0.04	0.06	0.08	0.10

# OF LEDS	80L						
NOMINAL WATTAGE	20	25	35	45	55	65	70
SYSTEM POWER (W)	19.4	26.7	34.2	41.7	50.6	58.3	63.5
INPUT VOLTAGE (V)	CURRENT (Amps)						
120	0.16	0.22	0.29	0.35	0.42	0.49	0.53
208	0.10	0.13	0.18	0.22	0.27	0.28	0.31
240	0.08	0.12	0.15	0.19	0.24	0.24	0.26
277	0.07	0.10	0.13	0.17	0.21	0.21	0.23
347	0.06	0.08	0.11	0.13	0.16	0.17	0.18
480	0.04	0.06	0.08	0.10	0.12	0.12	0.13

# OF LEDS	160L					
NOMINAL WATTAGE	45	70	95	105	135	155
SYSTEM POWER (W)	46.2	68.3	91	106.3	134.8	158.3
INPUT VOLTAGE (V)	CURRENT (Amps)					
120	0.39	0.57	0.76	0.89	1.12	1.32
208	0.22	0.33	0.44	0.51	0.65	0.76
240	0.19	0.28	0.38	0.44	0.56	0.66
277	0.17	0.25	0.33	0.38	0.49	0.57
347	0.13	0.20	0.26	0.31	0.39	0.46
480	0.10	0.14	0.19	0.22	0.28	0.33

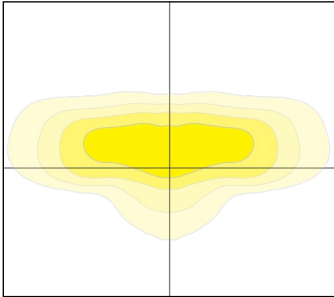
VIPER Wall

VPW1/VPW2/VPW3 LED WALLPACK

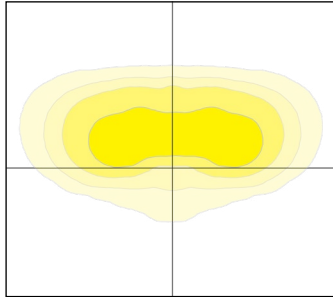
PHOTOMETRY

Mounting Height: 10ft

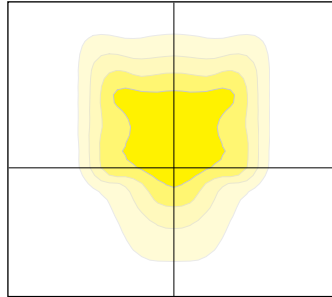
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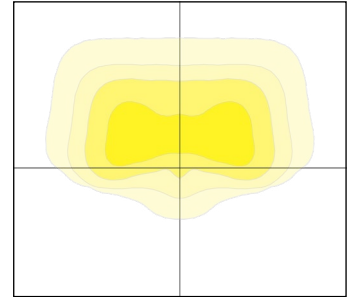
Type 3



Type 4F

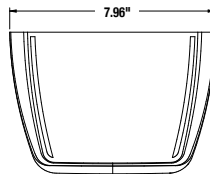
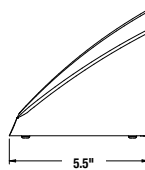
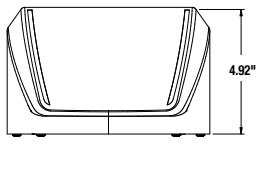


Type 4W

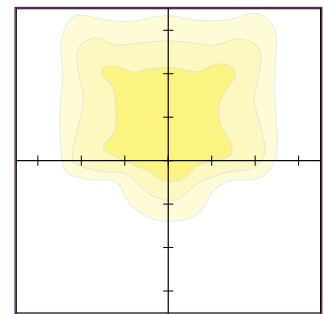


DIMENSIONS

VPW1

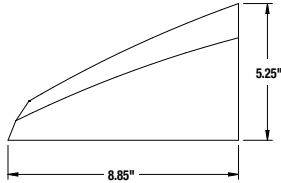
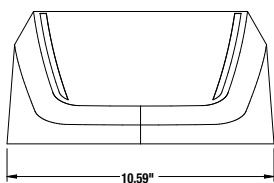


BATTERY PHOTOMETRY

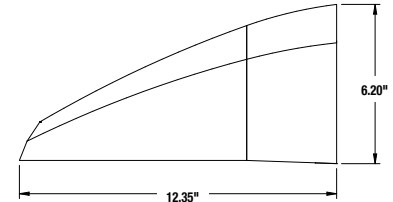
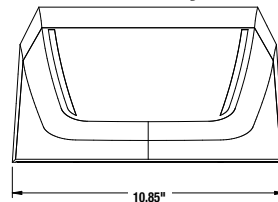


Scale: 10ft
Mounting Height: 12ft

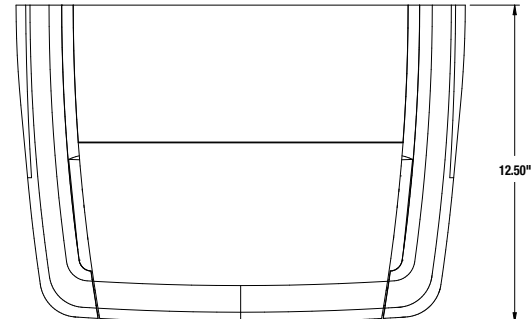
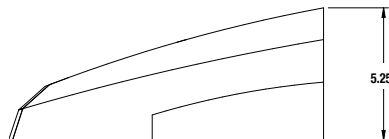
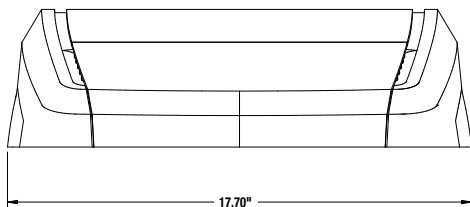
VPW2



VPW2 with Battery Back Box



VPW3



VIPER Wall

VPW1/VPW2/VPW3 LED WALLPACK

BATTERY OPTIONS & HOUSING SIZES

Size	Optics	# LEDs	Fixture Wattage	Battery (E)		Battery with Heater (EH)	
				E (10W)	Housing	EH (13W)	Housing
VPW1	Micro Strike	24L	10W	N/A	Not Available	N/A	Not Available
			15W				
			25W				
VPW2	Micro Strike	48L	15W	Y	Standard Housing	Y	Includes Integrated Back Box
			20W	Y	Standard Housing	Y	Includes Integrated Back Box
			30W	N/A	Not Available	Y	Includes Integrated Back Box
			35W	N/A	Not Available	Y	Includes Integrated Back Box
			45W	N/A	Not Available	Y	Includes Integrated Back Box
		80L	20W	N/A	Not Available	Y	Includes Integrated Back Box
			25W			Y	Includes Integrated Back Box
			35W			Y	Includes Integrated Back Box
			45W			Y	Includes Integrated Back Box
			55W			Y	Includes Integrated Back Box
			65W			Y	Includes Integrated Back Box
			70W			Y	Includes Integrated Back Box
			70W			Y	Includes Integrated Back Box
VPW3	Micro Strike	160L	45W	N/A	Not Available	Yes	Standard Housing
			70W			Yes	Standard Housing
			95W			Yes	Standard Housing
			105W			N/A	Not Available
			135W			N/A	Not Available
			155W			N/A	Not Available

Size	Optics	# LEDs	Fixture Wattage	Battery (E)		Battery with Heater (EH)	
				E (10W)	Housing	EH (13W)	Housing
VPW2	Silicone Strike	20L	20W	Y	Standard Housing	Y	Includes Integrated Back Box
			25W	Y	Standard Housing	Y	Includes Integrated Back Box
			30W	Y	Standard Housing	Y	Includes Integrated Back Box
			39W	Y	Standard Housing	Y	Includes Integrated Back Box
			45W	N/A	Not Available	Y	Includes Integrated Back Box
			55W			Y	Includes Integrated Back Box
			60W			Y	Includes Integrated Back Box
			70W			Y	Includes Integrated Back Box
VPW3	Silicone Strike	40L	35W	N/A	Not Available	Yes	Standard Housing
			50W				
			65W				
			80W				
			100W				
			120W				
			140W				
			170W				
195W							