

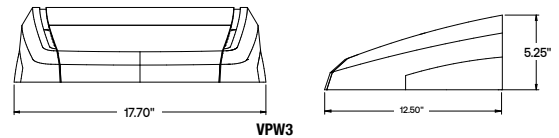
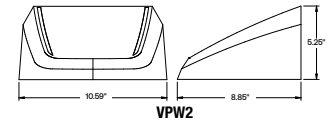
VIPER Wall

VPW2/VPW3 LED WALLPACK

FEATURES

- Low profile LED wall luminaire with a variety of IES distributions for lighting applications such as retail, commercial and industrial building mount
- Featuring Micro Strike Optics which maximizes target zone illumination with minimal losses at the house-side, reducing light trespass issues
- Quick-mount adapter allows easy installation/maintenance

MICROSTRIKE



	Weight
VPW2	715 lbs / 3.24 kg
VPW3	171 lbs / 7.80 kg

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.

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
- 480V is available for 55W and above.
- Ambient operating temperature -40°C to 40°C
- Driver RoHS and IP66
- Drivers have greater than .90 power factor and less than 20% Total Harmonic Distortion
- Dimming drivers are standard.

CONTROLS

- Button photocontrol is suitable for 120-277V operation and must be ordered to qualify for
- Please consult brand or sales representative when combining control and electrical options as some combinations may not operate as anticipated depending on your application.

CERTIFICATIONS

- Certified to UL 1598 and CSA 22.2#2500-24
- IP65 rating with Strike and Microstrike optics
- 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



DATE: _____ LOCATION: _____

TYPE: _____ PROJECT: _____

CATALOG #: _____

VIPER Wall

VPW2/VPW3 LED WALLPACK

ORDERING GUIDE

Example: VPW2-80L-45-3K7-2-UNV-BLS-PC-BABA

CATALOG #

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

Options
PC Photocontrol ¹

Options
BABA Meets BABA requirements ²

- Notes:
- 1 Customer must order PC to qualify
 - 2 Customer must select BABA

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LUMINAIRE AMBIENT TEMPERATURE FACTOR (LATF)

Ambient Temperature		Lumen Multiplier
0°C	32°F	1.03
10°C	50°F	1.01
20°C	68°F	1.00
25°C	77°F	1.00
30°C	86°F	0.99
40°C	104°F	0.98
50°C	122°F	0.97

PROJECTED LUMEN MAINTENANCE

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.

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		

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

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
	80L	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

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PERFORMANCE DATA: MICROSTRIKE CONT'D

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		

ELECTRICAL DATA: MICROSTRIKE

# 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

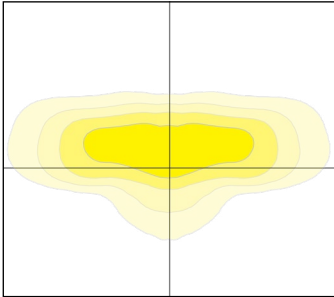
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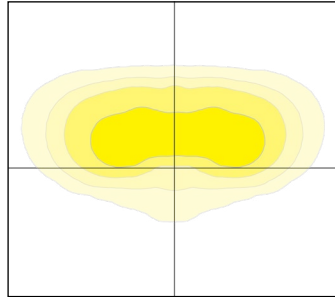
PHOTOMETRY

Mounting Height: 10ft

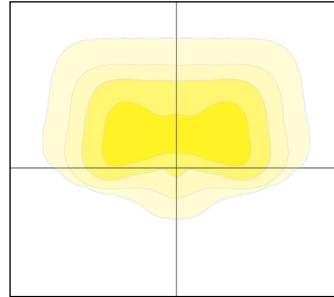
Type 2



Type 3

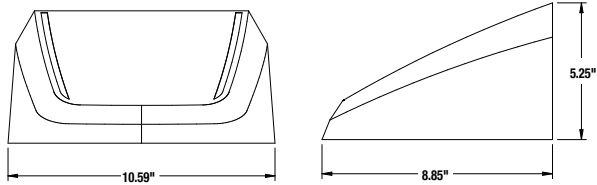


Type 4W



DIMENSIONS

VPW2



VPW3

