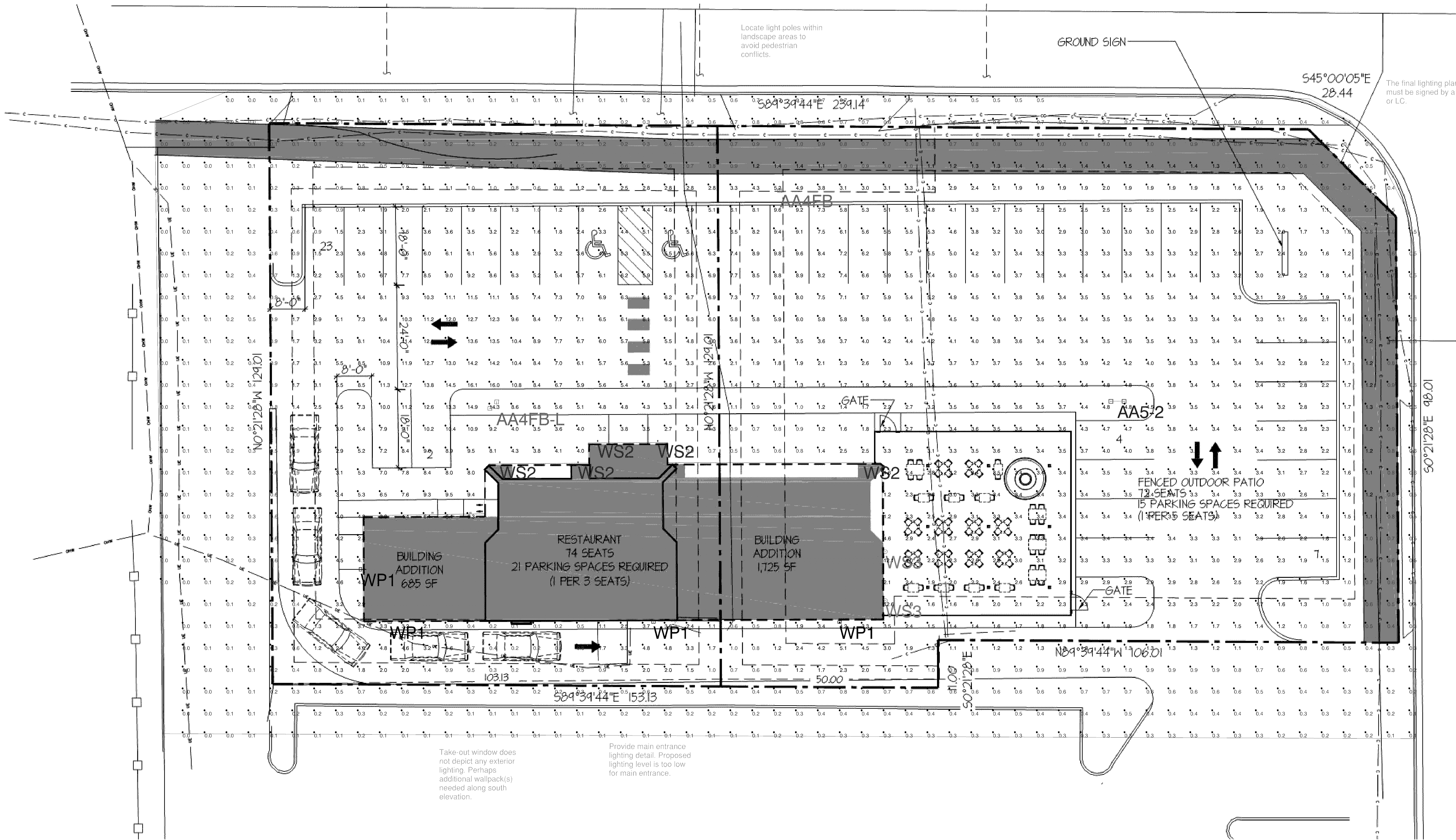




Not to Scale

List Mounting Height - a portion of the site is limited to 28 feet in height

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
LOT_Planar	Illuminance	Fc	2.49	16.1	0.0	N.A.	N.A.

- Lighting Reflectance of 80/50/20 used unless noted otherwise
- Interior calc points shown at 30" A.F.F. unless noted otherwise
- Exterior calc points shown at grade unless noted otherwise
- Emergency egress calc points shown at 0" A.F.F.
- Photometric drawings are for Design purposes only, not for Construction documents

Luminaire Schedule								
Symbol	Qty	Label	Manufacturer	Description	Arrangement	Lum. Lumens	Lum. Watts	LLF
⊙	2	WS3		700OWASHH93010DZUNV	Single	373	8.1	1.900
⊙	5	WS2		700OWASP93026DZUNVS	Single	1033	37.8	0.900
⊙	2	WS1		700OWPIT12Z-LED930	Single	604	17.5	0.900
⊙	4	WP1		BEGA 22383 BRZ K3	Single	2187	21	0.900
⊙	1	AA5-2		VP-2-320L-145-4K7-5QW	Back-Back	21867	150	0.900
⊙	1	AA4FB-L		VP-2-320L-255-4K7-4F-BC	2 @ 90 degrees	20171	261.5	0.900
⊙	1	AA4FB		VP-2-320L-255-4K7-4F-BC	Single	20171	261.5	0.900

For lighting plan, use 0.81 for LLF in "maintained plan." Also provide an initial plan with no LLF.

Calculated light levels shown are estimates based on information available at time of layout request. Due to unknown site conditions JTH Lighting assumes no responsibility for installed light levels.

Project #:
Date: 9/28/2022

Paper Size: ARCH D - 24X36"

Application

This LED wall luminaire with a wide spread light distribution can be used to illuminate ground surfaces along walls. Can be used for uplight or downlight applications.

Materials

Luminaire housing constructed of die-cast marine grade, copper free ($\leq 0.3\%$ copper content) A360.0 aluminum alloy
 Clear safety glass
 Reflector made of pure anodized aluminum
 Silicone applied robotically to casting, plasma treated for increased adhesion
 High temperature silicone gasket
 Mechanically captive stainless steel fasteners

NRTL listed to North American Standards, suitable for wet locations

Protection class IP 65

Weight: 6.8lbs

Electrical

Operating voltage	120-277VAC
Minimum start temperature	-30° C
LED module wattage	15.8 W
System wattage	21 W
Controllability	0-10V dimmable
Color rendering index	Ra > 80
Luminaire lumens	2187 lumens (3000K)
LED service life (L70)	60,000 hours

LED color temperature

- ☐ 4000K - Product number + **K4**
- ☐ 3500K - Product number + **K35**
- ☐ 3000K - Product number + **K3**
- ☐ 2700K - Product number + **K27**
- ☐ Amber - Product number + **AMB**

Wildlife friendly amber LED - Optional

Luminaire is optionally available with a narrow bandwidth, amber LED source (585-600nm) approved by the FWC. This light output is suggested for use within close proximity to sea turtle nesting and hatching habitats. Electrical and control information may vary from standard luminaire.

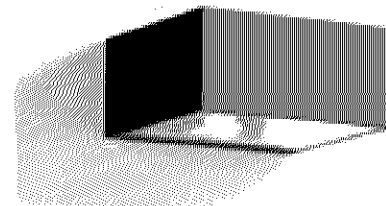
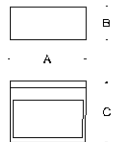
LED module wattage	29.4 W (Amber)
System wattage	34.6 W (Amber)
Luminaire lumens	851 lumens (Amber)

BEGA can supply you with suitable LED replacement modules for up to 20 years after the purchase of LED luminaires - see website for details

Finish

All BEGA standard finishes are matte, textured polyester powder coat with minimum 3 mil thickness.

Available colors ☐ Black (BLK) ☐ White (WHT) ☐ RAL:
☐ Bronze (BRZ) ☐ Silver (SLV) ☐ GUS:

**LED wall luminaire - wide spread light distribution**

	LED	A	B	C
22383	15.8 W	9 1/2"	4 1/8"	7 7/8"

The Ash outdoor wall sconce is a modern take on the classic industrial-style light fixture. The Ash features a sleek metal shade and clear diffuser that creates a column of diffused light from under the shade. Ash wall sconces feature energy-efficient, fully dimmable integrated LED lighting. Available in two finishes, Bronze and Charcoal, and four sizes.

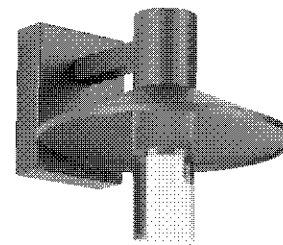
Outstanding protection against the elements:

- Powder coat finishes
- Stainless Steel mounting hardware
- Impact-resistant, UV stabilized acrylic lensing
- IP65 Rated

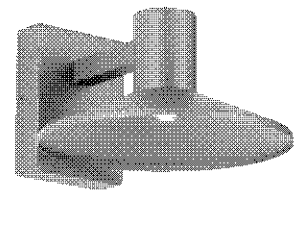
SPECIFICATIONS

DELIVERED LUMENS	529 or 1114 with clear cylinder 381 or 675 with clear lens
WATTS	8 or 18
VOLTAGE	Universal 120-277V, with integral transient 2.5kV surge protection (driver)
DIMMING	0-10, ELV
LIGHT DISTRIBUTION	Symmetric
MOUNTING OPTIONS	Wall
PERFORMANCE OPTIONS	Photocontrol / Surge Protector
CCT	2700K or 3000K
CRI	90+
COLOR BINNING	3 Step
BUG RATING	B1-U0-G0
DARK SKY	Compliant (Lensed version only)
WET LISTED	IP65
GENERAL LISTING	ETL
CALIFORNIA TITLE 24	Can be used to comply with CEC 2019 Title 24 Part 6 for outdoor use. Registration with CEC Appliance Database not required.
START TEMP	-30°C
FIELD SERVICEABLE LED	Yes
CONSTRUCTION	Aluminum
HARDWARE	Stainless Steel
FINISH	Powder Coat
LED LIFETIME	L70; >60,000 Hours
WARRANTY*	5 Years
WEIGHT	3.5 lbs.

* Visit techlighting.com for specific warranty limitations and details.



ASH 10
shown in bronze/clear cylinder

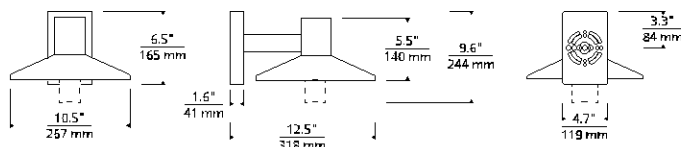


ASH 10
shown in charcoal/clear lens

ORDERING INFORMATION

PRODUCT	CRI/CCT	LENGTH	LENS	FINISH	VOLTAGE	OPTIONS
7000WASH	L927 H927 L930 H930	LED LO-OUTPUT 90 CRI, 2700K LED HI-OUTPUT 90 CRI, 2700K LED LO-OUTPUT 90 CRI, 3000K LED HI-OUTPUT 90 CRI, 3000K	10 10"	C CLEAR CYLINDER D CLEAR LENS	2 BRONZE H CHARCOAL	UNV 120V-277V UNIVERSAL PC NONE SP BUTTON PHOTOCONTROL PCSP BUTTON PHOTOCONTROL & SURGE PROTECTION

ASH 10 WALL SCONCE



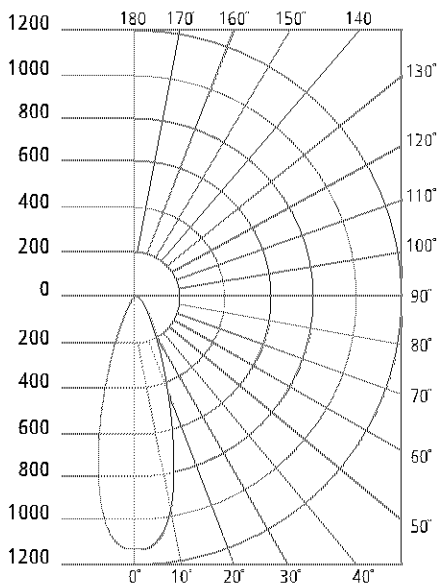
Ash 10

PHOTOMETRICS*

*For latest photometrics, please visit www.techlighting.com/OUTDOOR

ASH 10 WITH CLEAR LENS

Total Lumen Output: 381
 Total Power: 8
 Luminaire Efficacy: 48
 Color Temp: 3000K
 CRI: 90
 BUG Rating: B1-U0-G0



PROJECT INFO

FIXTURE TYPE & QUANTITY	JOB NAME & INFO	NOTES



VISUAL COMFORT & Co.

7400 Linder Avenue, Skokie, Illinois 60077

T 847.410.4400



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ASPEN 26 WALL SCONCE



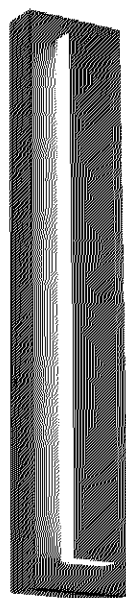
The Aspen outdoor wall sconce creates an elegant elongated column of beautifully diffused light. The Aspen is available in four sizes (8", 15", 26", 36") to meet architectural scale; ideal for wayfinding and general outdoor illumination. The Aspen features energy-efficient, fully dimmable integrated LED lighting. Available in three finishes, Bronze, Charcoal, and Natural Brass and four sizes.

Outstanding protection against the elements:

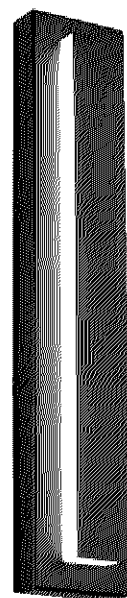
- Powder coat finishes
- Stainless Steel mounting hardware
- Impact-resistant, UV stabilized, frosted acrylic lensing
- IP65 Rated

SPECIFICATIONS

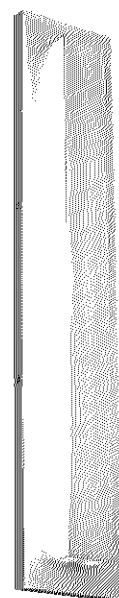
DELIVERED LUMENS	1060
WATTS	38
VOLTAGE	Universal 120-277V, with integral transient 2.5kV surge protection (driver)
DIMMING	0-10, ELV
LIGHT DISTRIBUTION	Symmetric
MOUNTING OPTIONS	Wall
PERFORMANCE OPTIONS	In-Line Fuse / Surge Protector
CCT	2700K or 3000K
CRI	90+
COLOR BINNING	3 Step
BUG RATING	B0-U3-G1
DARK SKY	Non-compliant
WET LISTED	IP65
GENERAL LISTING	ETL
CALIFORNIA TITLE 24	Can be used to comply with CEC 2019 Title 24 Part 6 for outdoor use. Registration with CEC Appliance Database not required.
START TEMP	-30°C
FIELD SERVICEABLE LED	Yes
CONSTRUCTION	Aluminum
HARDWARE	Stainless Steel
FINISH	Powder Coat
LED LIFETIME	L70; >60,000 Hours
WARRANTY*	5 Years
WEIGHT	7 lbs.



ASPEN 26
shown in charcoal



ASPEN 26
shown in bronze



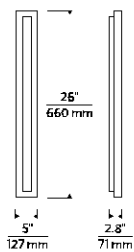
ASPEN 26
shown in natural brass

* Visit techlighting.com for specific warranty limitations and details.

ORDERING INFORMATION

PRODUCT	CRI / CCT	LENGTH	LENS	FINISH	VOLTAGE	DISTRIBUTION	OPTIONS
7080WASP	927 90 CRI, 2700K 930 90 CRI, 3000K	26 26"	D DIFFUSE	Z BRONZE H CHARCOAL NB NATURAL BRASS	UNV 120V-277V UNIVERSAL	5 SYMMETRIC	NONE LF IN-LINE FUSE SP SURGE PROTECTION LFSP IN-LINE FUSE & SURGE PROTECTION

ASPEN 26 WALL SCONCE

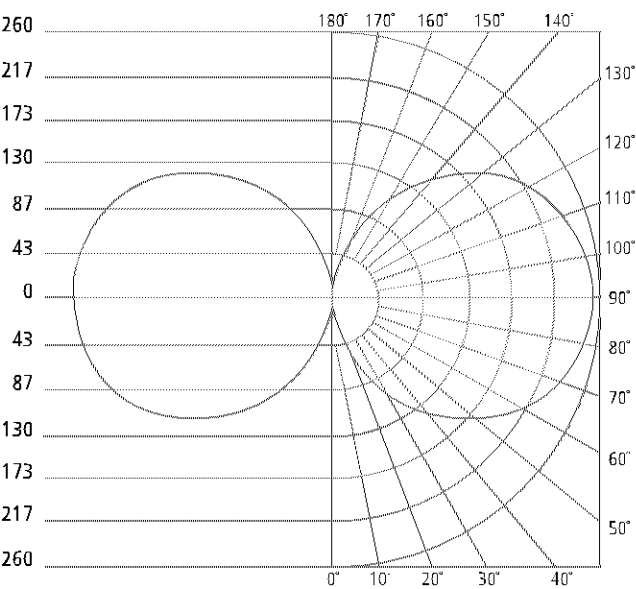


Aspen 26

PHOTOMETRICS*

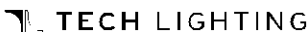
*For latest photometrics, please visit www.techlighting.com/OUTDOOR

ASPEN 26
Total Lumen Output: 1060
Total Power: 38
Luminaire Efficacy: 28
Color Temp: 3000K
CRI: 90
BUG Rating: B0-U3-G1



PROJECT INFO

FIXTURE TYPE & QUANTITY	JOB NAME & INFO	NOTES



VISUAL COMFORT & CO.

7400 Linder Avenue, Skokie, Illinois 60077

T 847.410.4400



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VIPER Area/Site

VIPER LUMINAIRE

MICROSTRIKE | STRIKE

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™, 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 mid-power 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.

INSTALLATION (CONTINUED)

- All mounting hardware included
- Knuckle arm fitter option available for 2-3/8" OD tenon
- For products with EPA less than 1 mounted to a pole greater than 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

CONTROLS

- Photo control, occupancy sensor programmable controls, and Zigbee wireless controls available for complete on/off and dimming control
- Please consult brand or sales representative when combining control and electrical options as some combinations may not operate as anticipated depending on your application
- 7-pin ANSI C136.41-2013 photocontrol receptacle option available for twist lock photocontrols or wireless control modules (control accessories sold separately)
- 0-10V Dimming Drivers are standard and dimming leads are extended out of the luminaire unless control options require connection to the dimming leads. Must specify if wiring leads are to be greater than the 6" standard

CONTROLS (CONTINUED)

- NX Lighting Controls™ 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

- 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 lbs. (kg)	13.7-30.9 (6.2-13.9)



DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

VIPER Area/Site

VIPER LUMINAIRE

MICROSTRIKE OPTICS – ORDERING GUIDE

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

CATALOG #

VP								
Series	Optic Platform	Size	Light Engine		CCT/CRI	Distribution	Optic Rotation	Voltage
VP Viper	Micro Strike	1 Size 1	160L-35 ⁶	5500 lumens	AP AP-Amber Phosphor Converted	2 Type 2	BLANK No Rotation	UNV 120-277V
			160L-50 ⁶	7500 lumens		3 Type 3	L Optic rotation left	120 120V
			160L-75	10000 lumens	27K8 2700K, 80 CRI	4F Type 4 Forward	R Optic rotation right	208 208V
			160L-100	12500 lumens	3K7 3000K, 70 CRI	4W Type 4 Wide		240 240V
			160L-115	15000 lumens	3K8 3000K, 80 CRI	5QW Type 5 Square Wide		277 277V
			160L-135	18000 lumens				347 347V
			160L-160	21000 lumens				480 480V
		2 Size 2	320L-145	21000 lumens				
			320L-170	24000 lumens				
			320L-185	27000 lumens				
			320L-210	30000 lumens				
			320L-235	33000 lumens				
			320L-255	36000 lumens				
			320L-315 ⁶	40000 lumens				
		3 Size 3	480L-285	40000 lumens				
			480L-320	44000 lumens				
			480L-340	48000 lumens				
			480L-390	52000 lumens				
			480L-425	55000 lumens				
			480L-470	60000 lumens				
		4 Size 4	720L-435	60000 lumens				
			720L-475	65000 lumens				
			720L-515	70000 lumens				
			720L-565 ⁶	75000 lumens				
			720L-600 ⁶	80000 lumens				
			CLO	Custom Lumens Output ¹				

Mounting	Color	Options	Network Control Options
A Arm mount for square pole/flat surface	BLT Black Matte Textured	F Fusing	NXWS16F NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth [®] Programming ^{1,3,4}
A_ Arm mount for round pole ²	BLS Black Gloss Smooth	2PF Dual Power Feed	NXWS40F NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth [®] Programming ^{1,3,4}
ASQU Universal arm mount for square pole	DBT Dark Bronze Matte Textured	2DR Dual Driver	NXW NX Networked Wireless Radio Module NXRM2 and Bluetooth [®] Programming, without Sensor ^{3,4}
A_U Universal arm mount for round pole ²	DBS Dark Bronze Gloss Smooth	TE Toolless Entry	WIR WiSCAPE [®] In-Fixture Module ^{3,4}
AAU Adjustable arm for pole mounting (universal drill pattern)	GTT Graphite Matte Textured	BC Backlight Control	WIRSC WiSCAPE [®] Module and Occupancy Sensor ^{3,4}
AA_U Adjustable arm mount for round pole ²	LGS Light Grey Gloss Smooth	TB Terminal Block	Stand Alone Sensors
ADU Decorative upswept Arm (universal drill pattern)	LGT Light Grey Gloss Textured		BTS-14F Bluetooth [®] Programmable, BTSMP-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
AD_U Decorative upswept arm mount for round pole ²	PSS Platinum Silver Smooth		BTS-40F Bluetooth [®] Programmable, BTSMP-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
MAF Mast arm fitter for 2-3/8" OD horizontal arm	WHT White Matte Textured		BTSO-12F Bluetooth [®] Programmable, BTSMP OMNI-0 PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
K Knuckle	WHS White Gloss Smooth		7PR 7-Pin Receptacle ⁴
T Trunnion	VGT Verde Green Textured		7PR-SC 7-Pin Receptacle with shorting cap ⁴
WB Wall Bracket, horizontal tenon with MAF	Color Option		3PR 3-Pin Twist Lock ⁴
WM Wall mount bracket with decorative upswept arm	CC Custom Color		3PR-SC 3-Pin Receptacle with shorting cap ⁴
WA Wall mount bracket with adjustable arm			3PR-TL 3 Pin PCR with photocontrol ⁴
			Programmed Controls
			ADD AutoDim Timer Based Dimming ⁴
			ADT AutoDim Time of Day Dimming ⁴
			Photocontrols
			PC Button Photocontrol ^{4,7}

1— Items with a grey background can be done as a custom order. Contact brand representative for more information

2— Replace "1" 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 2PI option

5— Not available with Dual Driver option

6— Some voltage restrictions may apply when combined with controls

7— Not available with 480V



currentlighting.com/beacon

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Page 2 of 13
Rev 08/05/22
BEA_VIPERSPEC_R01



VIPER Area/Site

VIPER LUMINAIRE

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

STRIKE OPTIC – ORDERING GUIDE

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

CATALOG #

VP							
Series	Optic Platform	Size	Light Engine	CCT/CRI	Distribution	Optic Rotation	Voltage
VP Vper	ST Strike	1 Size 1	36L-39 * 5500 lumens 36L-55 * 7500 lumens 36L-85 10000 lumens 36L-105 12500 lumens 36L-120 14000 lumens 72L-115 15000 lumens 72L-145 18000 lumens 72L-180 21000 lumens 72L-210 24000 lumens 72L-240 27000 lumens 108L-215 * 27000 lumens 108L-250 30000 lumens 108L-280 33000 lumens 108L-325 36000 lumens 108L-365 40000 lumens 162L-320 40000 lumens 162L-365 10 44000 lumens 162L-405 48000 lumens 162L-445 52000 lumens 162L-485 55000 lumens 162L-545 * 60000 lumens CLO Custom Luminaire Output ¹	AM monochromatic amber, 595nm 27K8 2700K, 80 CRI 3K7 3000K, 70 CRI 3K8 3000K, 80 CRI 3K9 3000K, 90 CRI 35K8 3500K, 80 CRI 4K7 4000K, 70 CRI 4K8 4000K, 80 CRI 4K9 4000K, 90 CRI 5K7 5000K, 70 CRI 5K8 5000K, 80 CRI	FR Auto Front Row 2 Type 2 3 Type 3 4F Type 4 Forward 4W Type 4 Wide 5QN Type 5 Square Narrow 5QW Type 5 Square Wide 5W Type 5 Wide (Round) 5RW Type 5 Rectangular C Corner Optic TC Tennis Court Optic	BLANK No Rotation L Optic rotation left R Optic rotation right	UNV 120-277V 120 120V 208 208V 240 240V 277 277V 347 347V 480 480V
		2 Size 2					
		3 Size 3					
		4 Size 4					

Mounting	Color	Options	Network Control Options
A Arm mount for square pole/flat surface A_ Arm mount for round pole ³ ASQU Universal arm mount for square pole A_U Universal arm mount for round pole ³ AAU Adjustable arm for pole mounting (universal drill pattern) AA_U Adjustable arm mount for round pole ³ ADU Decorative upswept Arm (universal drill pattern) AD_U Decorative upswept arm mount for round pole ³ MAF Mast arm fitter for 2-3/8" OD horizontal arm K Knuckle T Trunnion WB Wall Bracket, horizontal tenon with MAF WM Wall mount bracket with decorative upswept arm WA Wall mount bracket with adjustable arm	BLT Black Matte Textured BLS Black Gloss Smooth DBT Dark Bronze Matte Textured DBS Dark Bronze Gloss Smooth GTT Graphite Matte Textured LGS Light Grey Gloss Smooth LGT Light Grey Gloss Textured PSS Platinum Silver Smooth WHT White Matte Textured WHS White Gloss Smooth VGT Verde Green Textured Color Option CC Custom Color	F Fusing E Battery Backup ^{1,2,3,5} 2PF Dual Power Feed 2DR Dual Driver TE Toolless Entry BC Backlight Control TB Terminal Block	NXWS16F NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming ^{1,3,4} NXWS40F NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming ^{1,3,4} NXW NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor ^{3,4} WIR wISCAPE® In-Fixture Module ^{3,4} WIRSC wISCAPE® Module and Occupancy Sensor ^{3,4} Stand Alone Sensors BTS-14F Bluetooth® Programmable, BTSMP-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens BTS-40F Bluetooth® Programmable, BTSMP-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens BTSO-12F Bluetooth® Programmable, BTSMP-OMNHO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens 7PR 7-Pin Receptacle ⁴ 7PR-SC 7-Pin Receptacle with shorting cap ⁴ 3PR 3-Pin twist lock ⁴ 3PR-SC 3-Pin receptacle with shorting cap ⁴ 3PR-TL 3 Pin PCR with photocell ⁴ Programmed Controls ADD AutoDim Timer Based Dimming ⁴ ADT AutoDim Time of Day Dimming ⁴ Photocontrols PC Button Photocontrol ^{4,7}

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 5/8-3 1/4" OD pole; “3” for 3 5/8-4 1/8" OD pole; “4” for 4 1/8-5 1/8" OD pole.

* 5” for 5 3/8-6 5/8" 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.

3 – Only available in Size 1 housing.

10 – Some voltage restrictions may apply when combined with controls.



VIPER Area/Site

VIPER LUMINAIRE

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

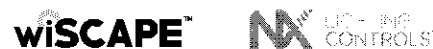
ORDERING GUIDE (CONTINUED)

CATALOG #

Accessory Type	Size	Option	Color
SHD Shield	1 Size 1	HSS-90-B House Side Shield 90 Back	BLS Black Gloss Smooth
	2 Size 2	HSS-90-F House Side Shield 90 Front	BLT Black Matte Textured
	3 Size 3	HSS-90-S House Side Shield 90 Side	DBS Dark Bronze Gloss Smooth
	4 Size 4	HSS-270-BSS House Side Shield 270 Back/Side/Side	DBT Dark Bronze Matte Textured
MTG Mounting		HSS-270-FSS House Side Shield 270 Front/Side/Side	GTT Graphite Matte Textured
		HSS-270-FSB House Side Shield 270 Front/Side/Back	LGS Light Gray Gloss Smooth
		HSS-360 House Side Shield 360	PSS Platinum Silver Smooth
		BC Back Light Control	WHS White Gloss Smooth
		A Arm Mount for square pole/flat surface	WHT White Matte Textured
		ASQU Universal Arm Mount for square pole	VGT Green Landscape Decorative
		AAU Adjustable Arm for pole-mounting	LEG Legacy Colors
		ADU Decorative upswept Arm	CC Custom Color
		RPA Round Pole Adapter	
		MAF Mast Arm Fitter for 2-3/8" OD horizontal arm	
		K Knuckle	
		T Trunnion	
		WB Wall Bracket (compatible with universal arm mounts)	
Accessory Type	Option		
MSC Miscellaneous	BIRD SPK Bird Spike		

Current Control Solutions — Accessories (Sold Separately)
NX Lighting Controls
☐ **NXOFM-1R1D-UNV** On-fixture Module (7-pin), On / Off / Dim, Daylight Sensor with NX Radio and Bluetooth® Radio, 120–480VAC
wiSCAPE® Lighting Control
☐ **WIR-RME-L** On-fixture Module (7-pin or 5-pin), On / Off / Dim, Daylight Sensor with wiSCAPE Radio, 110–480VAC
☐ **SCP-REMOTE** Remote Control for SCP/_F option. Order at least one per project to program and control the occupancy sensor.
For additional information related to these accessories please visit currentlighting.com/beacon. Options provided for use with integrated sensor, please view specific catalog sheet or design information table for details.

CONTROLS



Control Option	Sensor	Networkable	Scheduling	Occupancy	Daylight Harvesting	On/Off Control	Programming	Pair with Sensor	Sensor Mounting Height
NXW	—	✓	✓	—	—	✓	✓	—	—
NXWS_F	NXSMF2	✓	✓	✓	✓	✓	✓	—	5' / 6'
BT5012F	BT5012F-ONVLC			✓	✓	✓	Bluetooth		2'
BTS_F	— SKI—	—	—	✓	✓	✓	Bluetooth	—	1 ft. / 4 ft.
ADD			✓			✓		✓	
ADT			✓			✓		✓	
7PR		Pair with external ctrl	Pair with external ctrl		Pair with external ctrl	Pair with external ctrl		✓	
7PR-SC								✓	
3PR	—	—	—	—	—	Pair with external ctrl	—	✓	—
3PR-SC	—	—	—	—	—	—	—	✓	—
3PR-TL					✓	✓		✓	
WIR		✓	✓		✓	✓	Wi-Fi		
WIRSC	— SKI—	✓	✓	✓	✓	✓	Bluetooth	—	1 ft. / 4 ft.



VIPER Area/Site

VIPER LUMINAIRE

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

LUMINAIRE AMBIENT TEMPERATURE FACTOR (LATF)

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

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	0.250		

Strike Lumen Multiplier			
CCT	70 CRI	80 CRI	90 CRI
2700K	—	0.859	—
3000K	0.941	0.912	0.703
3500K	—	0.906	—
4000K	1	0.894	0.734
5000K	1	0.879	0.711
Monochromatic Amber Multiplier			
Amber	0.255		



VIPER Area/Site

VIPER LUMINAIRE

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)	CURRENT (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



VIPER Area/Site

VIPER LUMINAIRE

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	0.20	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	108				
NOMINAL WATTAGE	215	250	280	325	365
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	0.90	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 #: _____

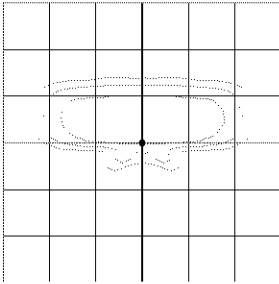
VIPER Area/Site

VIPER LUMINAIRE

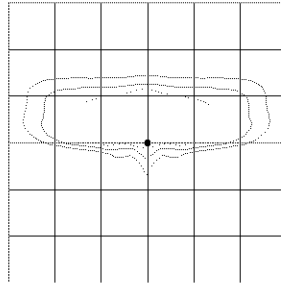
MICRO STRIKE PHOTOMETRY

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

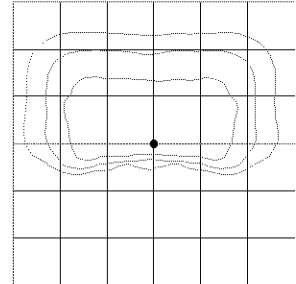
Type 2



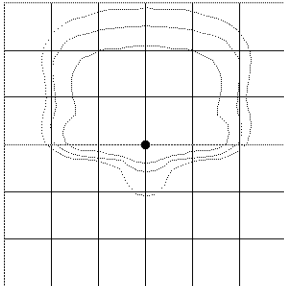
Type 3



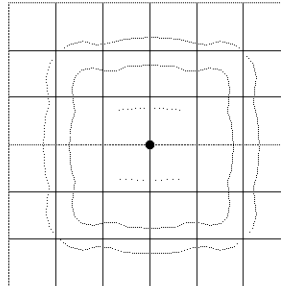
Type 4 Wide



Type 4F



Type 5QW



VIPER Area/Site

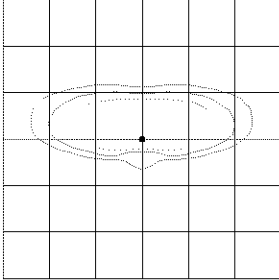
VIPER LUMINAIRE

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

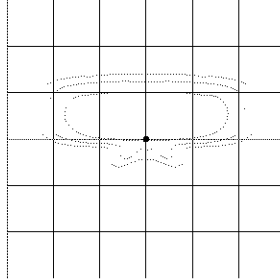
OPTIC STRIKE PHOTOMETRY

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

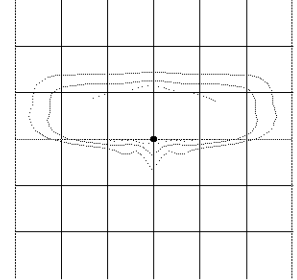
Type FR – Front Row/Auto Optic



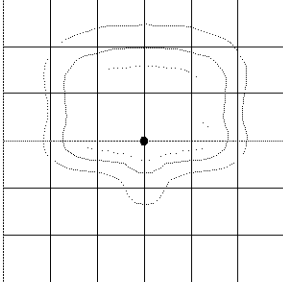
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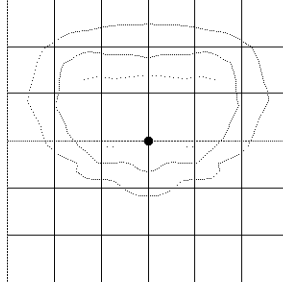
Type 3



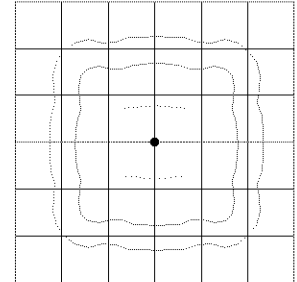
Type 4 Forward



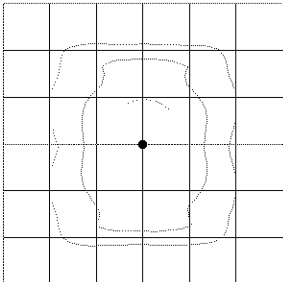
Type 4 Wide



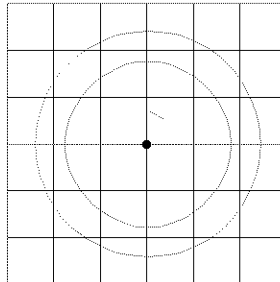
Type 5QM



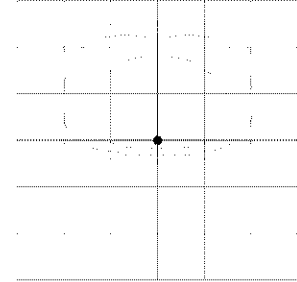
Type 5R (rectangular)



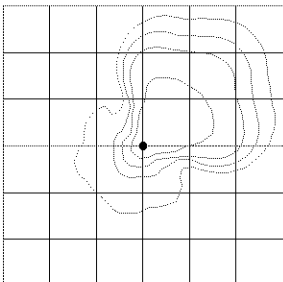
Type 5W (round wide)



Type TC



Type Corner





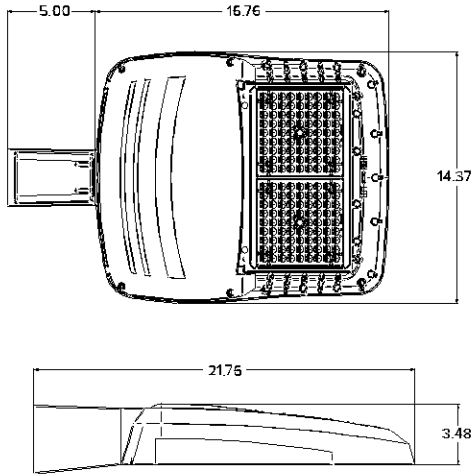
VIPER Area/Site

VIPER LUMINAIRE

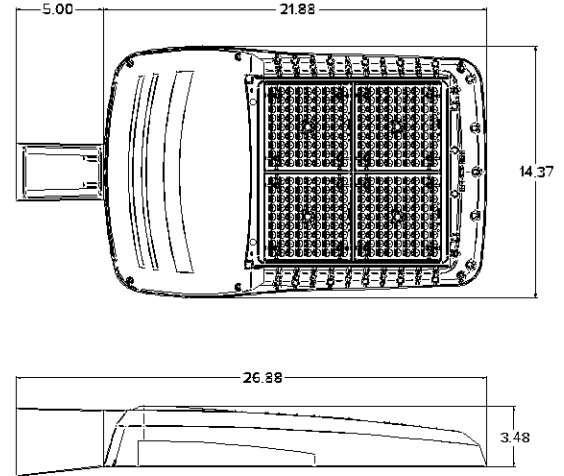
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TYPE:	PROJECT:
CATALOG #:	

DIMENSIONS

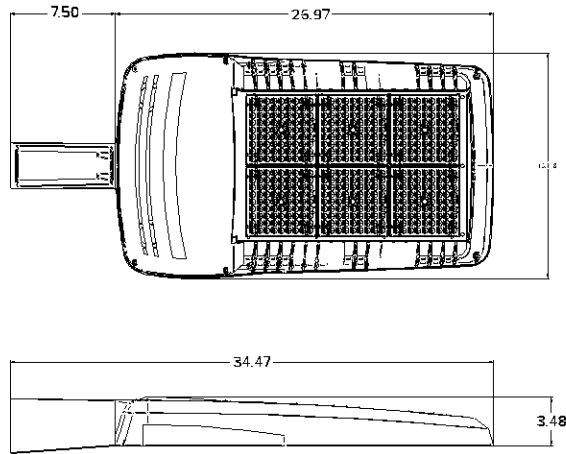
SIZE 1



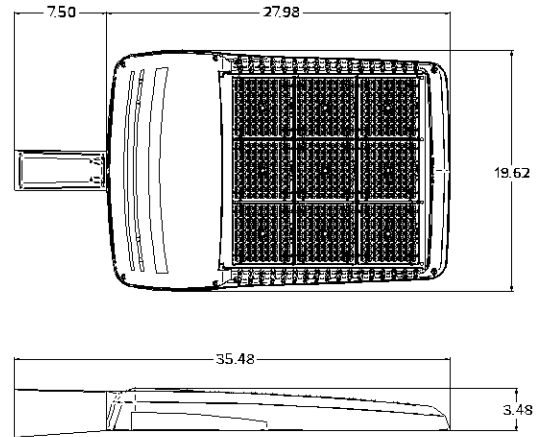
SIZE 2



SIZE 3



SIZE 4



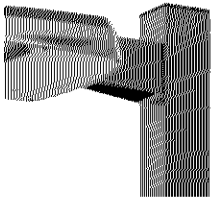
	EPA				Config.
	VP1 (Size 1)	VP2 (Size 2)	VP3 (Size 3)	VP4 (Size 4)	
Single Fixture	0.454	0.555	0.655	0.698	
Two at 180	0.908	1.110	1.310	1.396	
Two at 90	0.583	0.711	0.857	0.948	
Three at 90	1.037	1.266	1.512	1.646	
Three at 120	0.943	1.155	1.392	1.680	
Four at 90	1.166	1.422	1.714	1.896	

	Weight	
	lbs	kgs
VP1 (Size 1)	13.7	6.2
VP2 (Size 2)	16.0	7.26
VP3 (Size 3)	25.9	11.7
VP4 (Size 4)	30.8	13.9

VIPER Area/Site

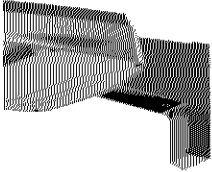
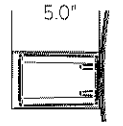
VIPER LUMINAIRE

MOUNTING



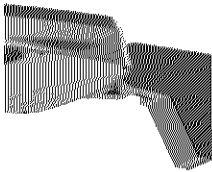
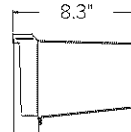
A-STRAIGHT ARM MOUNT

Fixture ships with integral arm for ease of installation. Compatible with Current Outdoor B3 drill pattern. For round poles add applicable suffix (2/3/4/5)



ASQU-UNIVERSAL ARM MOUNT

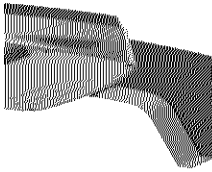
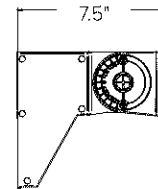
Universal mounting block for ease of installation. Compatible with drill patterns from 2.5" to 4.5" and Current drill pattern S2. For round poles add applicable suffix (2/3/4/5)



AAU-ADJUSTABLE ARM FOR POLE MOUNTING

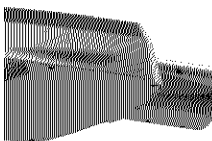
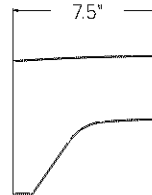
Rotatable arm mounts directly to pole. Compatible with drill patterns from 2.5" to 4.5" and Current drill pattern S2. For round poles add applicable suffix (2/3/4/5). Rotatable in 15° aiming angle increments. Micro Strike configurations have a 45° aiming limitation.

Strike configurations have a 30° aiming limitation.



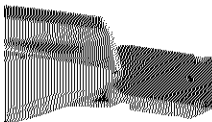
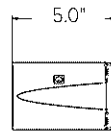
ADU-DECORATIVE UPSWEPT ARM

Upswept Arm compatible with drill patterns from 2.5" to 4.5". For round poles add applicable suffix (2/3/4/5).



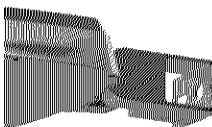
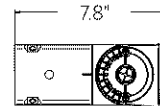
MAF-MAST ARM FITTER

Fits 2-3/8" OD horizontal tenons.



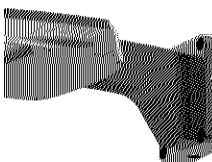
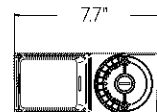
K-KNUCKLE

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.



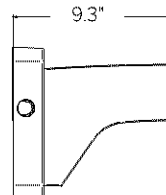
T-TRUNNION

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.



WM-WALL MOUNT

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



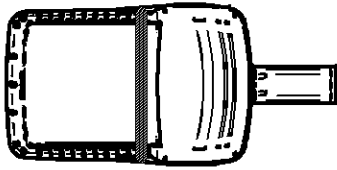
VIPER Area/Site

VIPER LUMINAIRE

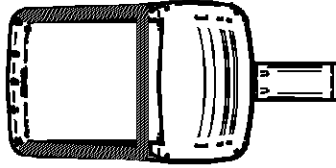
ADDITIONAL INFORMATION (CONTINUED)

HOUSE SIDE SHIELD FIELD INSTALL ACCESSORIES

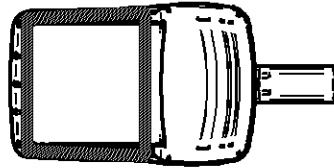
VPR2x HSS-90-B-xx



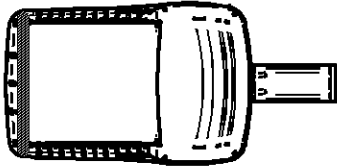
VPR2x HSS-270-BSS-xx



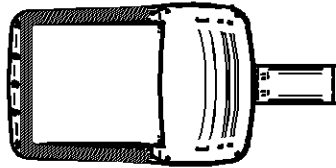
VPR2x HSS-360-xx



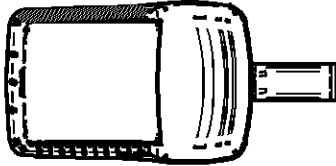
VPR2x HSS-90-F-xx



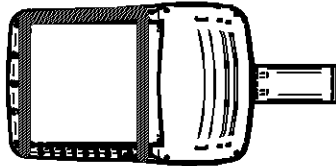
VPR2x HSS-270-FSS-xx



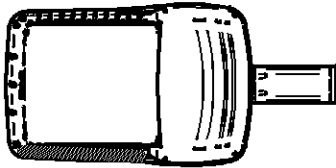
VPR2x HSS-90-S-xx



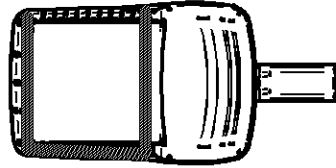
VPR2x HSS-270-FSB-xx



VPR2x HSS-90-S-xx



VPR2x HSS-270-FSB-xx





VIPER Area/Site

VIPER LUMINAIRE

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

PITCH 12 WALL SCONCE



An architectural profile reminiscent of beautifully classic roof lines delivers significant light output in this modern LED wall sconce suitable for both indoor and outdoor applications. The Pitch 12 Wall Sconce features a die-cast metal body housing powerful LED light sources that create visual appeal as light cascades down along a wall.

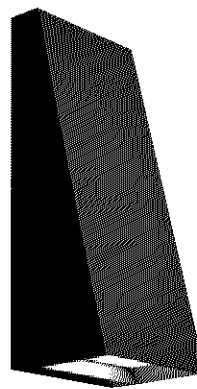
Outstanding protection against the elements:

- Powder coat finishes
- Stainless Steel mounting hardware
- Impact-resistant, UV stabilized frosted acrylic lensing

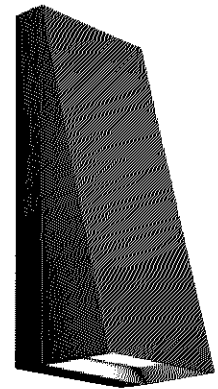
SPECIFICATIONS

DELIVERED LUMENS	611
WATTS	17.4
VOLTAGE	120V or 277V
DIMMING	ELV
LIGHT DISTRIBUTION	Symmetric
MOUNTING OPTIONS	Downlight
CCT	3000K
CRI	90
COLOR BINNING	3 Step
BUG RATING	BI-U0-G0
DARK SKY	Compliant
WET LISTED	IP65
GENERAL LISTING	ETL
CALIFORNIA TITLE 24	Can be used to comply with CEC 2019 Title 24 Part 6 for outdoor use. Registration with CEC Appliance Database not required.
START TEMP	-30°C
FIELD SERVICEABLE LED	No
CONSTRUCTION	Aluminum
HARDWARE	Stainless Steel
FINISH	Powder Coat
LED LIFETIME	L70: >50,000 Hours
WARRANTY*	5 Years

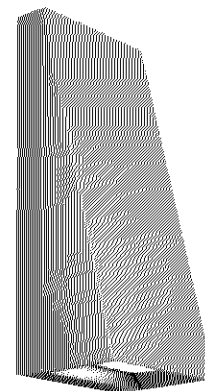
*Visit techlighting.com for specific warranty limitations and details.



PITCH 12
shown in black



PITCH 12
shown in bronze

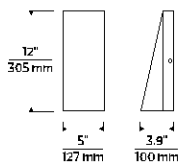


PITCH 12
shown in silver

ORDERING INFORMATION

PRODUCT	LENGTH	FINISH	LAMP
7000WPIT	12 1/2"	B BLACK	-LED930 LED 90 CRI, 3000K, 120V
		Z BRONZE	-LED930-277 LED 90 CRI, 3000K, 277V
		I SILVER	

PITCH 12 WALL SCONCE



Pitch 12

PROJECT INFO

FIXTURE TYPE & QUANTITY	JOB NAME & INFO	NOTES



VISUAL COMFORT & CO.

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