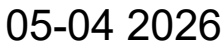




PHOTOMETRIC STUDY
Scale: 1" = 20' - 0"





Date: May 5, 2026

Lighting Dynamics, Inc.
211 Springside Drive
Akron OH 44333
Phone: (330) 665-9090

Job Name
NEW DENTAL OFFICE- HUDSON, OH
LDI26-575216
HUDSON OH

Bid Date
May 5, 2026

Submittal Date
May 5, 2026

Architect:
DISCRETIONARY/STOCK/DESIGN BUILD

Engineer:
DISCRETIONARY/STOCK/DESIGN BUILD



Transmittal

Lighting Dynamics, Inc.
211 Springside Drive
Akron OH 44333
Phone: (330) 665-9090
From: Steve White

Project NEW DENTAL OFFICE- HUDSON, OH
Quote# LDI26-575216
Location HUDSON OH
Contact:

ATTACHED WE ARE SENDING YOU 1 COPY OF THE FOLLOWING ITEM:

- | | | |
|-----------------------------------|---|--------|
| ☐ Drawings | ☐ Specifications | Other: |
| ☐ Prints | ☐ Information | |
| ☐ Plans | ☐ Submittals | |

THESE ARE TRANSMITTED FOR:

- | | | |
|--|---|---------------------------------|
| ☐ Prior Approval | ☐ Resubmittal for Approval | ☐ Record |
| ☐ Approval | ☐ Corrections | Bids due on: |
| ☐ Approval as Submitted | ☐ Your Use | Other: |
| ☐ Approval as Noted | ☐ Review and Comment | |

Type	MFG	Part
A	Beacon	VP-SS-1-40L-80-3K7-4W-UNV-A-DBT-MBC
A	Beacon	SSSB16-40A-1-XX-DBT
B	Beacon	VP-SS-1-40L-80-3K7-4W-UNV-A-DBT-MBC
B	Beacon	SSSB16-40A-1-XX-DBT
C	WAC LIGHTING	WS-W17214
D	WAC LIGHTING	WS-W17218
F	EXO	LSP-LSCS
G	WAC LIGHTING	5012-30BZ
	LANDSCAPE ACCENT 120V 3000K	
G	WAC LIGHTING	M6000-STAKE
G	WAC LIGHTING	5010-SNOOT-BZ
H	Kim Lighting	LTV83DMH/6L3KUV/RCA83



VIPER Area/Site

VIPER LUMINAIRE

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™, LightGRID+ 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



LIGHTGRID+

SERVICE PROGRAMS

STOCK QS10

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
- Silicone Strike Optics (40, 80, 120, or 180 LED counts) maximize uniformity in applications and provides the highest LPW. These include an integral gasket allowing for IP66 rating. Catalog logic found on page 4.
- All 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

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 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
- 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)
- 0-10V Dimming Drivers are standard. Select CD option to have dimming leads extended outside the luminaire. Must specify if wiring leads are to be greater than the 6" standard.

DATE: LOCATION:

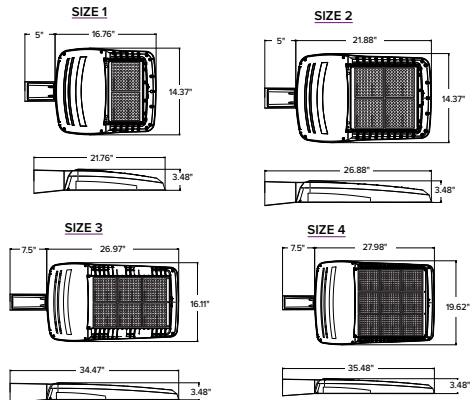
TYPE: PROJECT:

CATALOG #:

MICRO STRIKE

SILICONE STRIKE

OPTICS STRIKE



	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	

CONTROLS (CONTINUED)

- NX Lighting Controls™ available with in fixture wireless control module, features dimming and occupancy sensor
- LightGRID+ available with in fixture wireless control module, features dimming and occupancy sensor. Also available in 7-pin configuration

CERTIFICATIONS

- DLC® (DesignLights Consortium Qualified), with some Premium Qualified configurations. Not all product variations listed in this document are DLC® qualified. Refer to <http://www.designlights.org> for the most up-to-date list.
- 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 with Strike and Microstrike optics. Fixture is IP66 rated with Silicone Strike optics.
- Meets IDA recommendations using 3K CCT configuration at 0 degrees of tilt
- 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://www.currentlighting.com/resources/america-solutions](https://www.currentlighting.com/resources/america-solutions)).
- FCC CFR Title 47 Part 15, Class A
- IK10 (Silicone Strike Optics Only)

WARRANTY

- 5 year warranty



VIPER Area/Site

VIPER LUMINAIRE

DATE: _____ LOCATION: _____
TYPE: _____ PROJECT: _____
CATALOG #: _____

SILICONE STRIKE OPTIC – ORDERING GUIDE

Example: VP-SS-1-40L-75-4K7-4W-UNV-ASQU-BLT

CATALOG #

VP								
Series	Optic Platform	Size	Light Engine		CCT/CRI	Distribution	Optic Rotation	Voltage
VP Viper	SS Strike Silicone	1 Size 1	40L-35	35W, 5,500 Lumens	22K7 2200K, 70 CRI	2 Type 2	BLANK No Rotation	UNV 120-277V
			40L-50	50W, 7,500 Lumens	27K7 2700K, 70 CRI	3 Type 3		
			40L-65	65W, 10,000 Lumens	27K8 2700K, 80 CRI	4W Type 4 Wide		
			40L-80	80W, 12,500 Lumens	3K7 3000K, 70 CRI	4F Type 4 Forward	L Optic rotation left R Optic rotation right	120 120V
			40L-100	100W, 15,000 Lumens	3K8 3000K, 80 CRI	5QM Type 5 Square Medium		208 208V
			40L-120	120W, 17,500 Lumens	35K8 3500K, 80 CRI	5QW Type 5 Square Wide		240 240V
			40L-140	140W, 20,000 Lumens	4K7 4000K, 70 CRI			277 277V
			40L-170	170W, 22,500 Lumens	4K8 4000K, 80 CRI			347 347V
			40L-195	195W, 25,000 Lumens	5K7 5000K, 70 CRI			480 480V
		2 Size 2	80L-75	75W, 12,500 Lumens	5K8 5000K, 80 CRI			
			80L-90	90W, 15,000 Lumens				
			80L-105	105W, 17,500 Lumens				
			80L-130	130W, 21,000 Lumens				
			80L-155	155W, 24,000 Lumens				
			80L-175	175W, 27,000 Lumens				
			80L-205	205W, 30,000 Lumens				
			80L-225	225W, 33,000 Lumens				
			80L-250	250W, 36,000 Lumens				
			80L-280	280W, 40,000 Lumens				
		3 Size 3	120L-190	190W, 30,000 Lumens				
			120L-205	205W, 33,000 Lumens				
			120L-230	230W, 36,000 Lumens				
			120L-265	265W, 40,000 Lumens				
			120L-295	295W, 44,000 Lumens				
			120L-320	320W, 48,000 Lumens				
			120L-355	355W, 52,000 Lumens				
			120L-380	380W, 55,000 Lumens				
			120L-420	420W, 60,000 Lumens				
		4 Size 4	180L-275	275W, 44,000 Lumens				
			180L-295	295W, 48,000 Lumens				
			180L-335	335W, 52,000 Lumens				
			180L-360	360W, 55,000 Lumens				
			180L-395	395W, 60,000 Lumens				
			180L-435	435W, 65,000 Lumens				
			180L-470	470W, 70,000 Lumens				
			180L-510	510W, 75,000 Lumens				
			180L-550	550W, 80,000 Lumens				



VIPER Area/Site

VIPER LUMINAIRE

SILICONE STRIKE OPTIC – ORDERING GUIDE (CONTINUED)

Mounting	Color	Options	Network Control Options
A Arm mount for square pole/flat surface	BLT Black Matte Textured	BC Backlight Control (3%)	NXWS16F NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming ^{1,4,5}
A_ Arm mount for round pole ³	BLS Black Gloss Smooth	MBC Max Backlight Control (1.5%)	NXWS40F NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming ^{1,4,5}
ASQU Universal arm mount for square pole	DBT Dark Bronze Matte Textured	LCC Left Corner Control	NXW NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor ^{4,5}
A_U Universal arm mount for round pole ³	DBS Dark Bronze Gloss Smooth	RCC Right Corner Control	WIR LightGRID+ In-Fixture Module ^{4,5}
AAU Adjustable arm for pole mounting (universal drill pattern)	GTT Graphite Matte Textured	F Fusing	WIRSC LightGRID+ Module and Occupancy Sensor ^{4,5}
AA_U Adjustable arm mount for round pole ³	LGS Light Grey Gloss Smooth	E Battery Backup ^{1,2,8,9}	Stand Alone Sensors
ADU Decorative upswept Arm (universal drill pattern)	LGT Light Grey Gloss Textured	2PF Dual Power Feed	BTS-14F Bluetooth® Programmable, BTSMP-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens ¹³
AD_U Decorative upswept arm mount for round pole ³	PSS Platinum Silver Smooth	2DR Dual Driver	BTS-40F Bluetooth® Programmable, BTSMP-HMO PIR Occupancy Sensor with Automatic Dimming® Photocell and 360° Lens ¹³
MAF Mast arm fitter for 2-3/8" OD horizontal arm	WHT White Matte Textured	TE Toolless Entry	BTSO-12F Bluetooth® Programmable, BTSMP-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens ¹³
K Knuckle	WHS White Gloss Smooth	TB Terminal Block	7PR 7-Pin Receptacle ⁴
T Trunnion	VGT Verde Green Textured	CD Customer Dimming	7PR-SC 7-Pin Receptacle with shorting cap ⁴
WB Wall Bracket, horizontal tenon with MAF	Color Option	LS Lumen Switch	7PR-TL 7-Pin PCR with photocontrol
WM Wall mount bracket with decorative upswept arm	CC Custom Color		3PR 3-Pin twist lock ⁴
WA Wall mount bracket with adjustable arm			3PR-SC 3-Pin receptacle with shorting cap ⁴
			3PR-TL 3-Pin PCR with photocontrol ⁴
			Programmed Controls
			SCP_F Sensor Control Programmable, 8F or 40F ¹¹
			ADD AutoDim Timer Based Dimming ¹²
			ADT AutoDim Time of Day Dimming ¹²

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 “3” for 2.75”-4.13” OD pole, “4” for 4.18”-5.25” OD pole, “5” for 5.5”-6.5” OD pole

4 – Networked Controls cannot be combined with other control options

5 – Not available with 2PF option

6 – Not available with 480V

7 – Not available with 347 or 480V

8 – Not available with Dual Driver option

9 – Only available in Size 1 housing, up to 105 Watts

10 – Some voltage restrictions may apply when combined with controls

11 – At least one SCPREMOTE required to program SCP motion sensor. Must select 8ft or 40ft.

12 – Please refer to page 8 for AutoDim ordering guide

13 – BTSO and BTS are only compatible at 50W or greater.



VIPER Area/Site

VIPER LUMINAIRE

MICROSTRIKE OPTICS – ORDERING GUIDE

DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

Gray Shading = Service Program
Limit of 16 luminaires

QS10

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 160L-50 ⁶ 7500 lumens 160L-75 10000 lumens 160L-100 12500 lumens 160L-115 15000 lumens 160L-135 18000 lumens 160L-160 21000 lumens 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	AP AP-Amber Phosphor Converted 27K8 2700K, 80 CRI 3K7 3000K, 70 CRI 3K8 3000K, 80 CRI 35K8 3500K, 80 CRI 3K9 3000K, 90 CRI 4K7 4000K, 70 CRI 4K8 4000K, 80 CRI 4K9 4000K, 90 CRI 5K7 5000K, 70 CRI 5K8 5000K, 80 CRI	2 Type 2 3 Type 3 4F Type 4 Forward 4W Type 4 Wide 5QW Type 5 Square Wide	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	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 Lumen Output ¹				

Mounting	Color	Options	Network Control Options
A Arm mount for square pole/flat surface (B3 Drill Pattern) (Does not include round pole adapter)	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. Can be used with B3 or S2 Drill Pattern	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 LightGRID+ In-Fixture Module ^{3,4}
AAU Adjustable arm for pole mounting (universal drill pattern)	GTT Graphite Matte Textured	BC Backlight Control ⁸	WIRSC LightGRID+ 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	CD Customer Dimming	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-O 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		7PR-TL 7-Pin PCR with photocontrol
WM Wall mount bracket with decorative upswept arm	CC Custom Color		3PR 3-Pin twist lock ⁴
WA Wall mount bracket with adjustable arm			3PR-SC 3-Pin receptacle with shorting cap ⁴
			3PR-TL 3-Pin PCR with photocontrol ⁴
			Programmed Controls
			SCP_F Sensor Control Programmable, 8F or 40F ⁹
			ADD AutoDim Timer Based Dimming ¹⁰
			ADT AutoDim Time of Day Dimming ¹⁰

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

2 – Replace “_” with “3” for 2.75”-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

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

9 – At least one SCPREMODE required to program SCP motion sensor. Must select 8ft or 40ft.

10 – Please refer to page 8 for AutoDim ordering guide

Current

currentlighting.com/beacon

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Page 4 of 19
Rev 01/16/26
BEA_VIPERSPEC



VIPER Area/Site

VIPER LUMINAIRE

DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

ORDERING GUIDE (CONT'D)

CATALOG #

Accessory Type	Size	Option	Color	Current Control Solutions — Accessories (Sold Separately)	
SHD House Side Shield	1 Size 1	HSS-90-B House Side Shield 90° Back	BLS Black Gloss Smooth	NX Lighting Controls	
	2 Size 2	HSS-90-F House Side Shield 90° Front	BLT Black Matte Textured	☐ NXOFM2-1R1D-UNV On-fixture Module (7-pin), On / Off / Dim, Daylight Sensor with NX Radio and Bluetooth® Radio, 120–480VAC	
	3 Size 3	HSS-90-S House Side Shield 90° Side	DBS Dark Bronze Gloss Smooth	LightGRID+ Lighting Control	
	4 Size 4	HSS-270-BSS House Side Shield 270° Back/Side/Side	DBT Dark Bronze Matte Textured	☐ WIR-RME-L On-fixture Module (7-pin or 5-pin), On / Off / Dim, Daylight Sensor with LightGRID+ Radio, 110–480VAC	
MTG Mounting		HSS-270-FSS House Side Shield 270° Front/Side/Side	GTT Graphite Matte Textured	☐ SCP-REMOTE Remote Control for SCP/_F option. Order at least one per project to program and control the occupancy sensor	
		HSS-270-FSB House Side Shield 270° Front/Side/Back	LGS Light Gray Gloss Smooth	For additional information related to these accessories please visit currentlighting.com/beacon . Options provided for use with integrated sensor, please view specification sheet ordering information table for details.	
		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	Color Option		
		RPA Round Pole Adapter	CC Custom Color		
		MAF Mast Arm Fitter for 2-3/8" OD horizontal arm			
MSC Miscellaneous		K Knuckle			
		T Trunnion			
		WB Wall Bracket (compatible with universal arm mounts)			
		BIRD SPK Bird Spike			



VIPER Area/Site

VIPER LUMINAIRE

DATE: _____ LOCATION: _____

TYPE: _____ PROJECT: _____

CATALOG #: _____

VIPER POLE EXPRESS COMBO – ORDERING GUIDE



Catalog Number	Pole	Single or Double Head	Fixture	Lumens*	Wattage	Distribution	CCT/CRI	Mounting	Finish
VP-1-160-4K-3-LS-S20	20' Square Straight Steel	Single	VP-1-160-4K-3-LS	19584	158W	Type 3	4000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-4K-3-LS-S20-2X	20' Square Straight Steel	Double	VP-1-160-4K-3-LS	19584	158W	Type 3	4000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-4K-4F-LS-S20	20' Square Straight Steel	Single	VP-1-160-4K-4F-LS	19426	158W	Type 4F	4000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-4K-4F-LS-S20-2X	20' Square Straight Steel	Double	VP-1-160-4K-4F-LS	19426	158W	Type 4F	4000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-4K-3-LS-S25	25' Square Straight Steel	Single	VP-1-160-4K-3-LS	19584	158W	Type 3	4000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-4K-3-LS-S25-2X	25' Square Straight Steel	Double	VP-1-160-4K-3-LS	19584	158W	Type 3	4000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-4K-4F-LS-S25	25' Square Straight Steel	Single	VP-1-160-4K-4F-LS	19426	158W	Type 4F	4000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-4K-4F-LS-S25-2X	25' Square Straight Steel	Double	VP-1-160-4K-4F-LS	19426	158W	Type 4F	4000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-5K-3-LS-S20	20' Square Straight Steel	Single	VP-1-160-5K-3-LS	19499	158W	Type 3	5000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-5K-3-LS-S20-2X	20' Square Straight Steel	Double	VP-1-160-5K-3-LS	19499	158W	Type 3	5000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-5K-4F-LS-S20	20' Square Straight Steel	Single	VP-1-160-5K-4F-LS	19186	158W	Type 4F	5000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-5K-4F-LS-S20-2X	20' Square Straight Steel	Double	VP-1-160-5K-4F-LS	19186	158W	Type 4F	5000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-5K-3-LS-S25	25' Square Straight Steel	Single	VP-1-160-5K-3-LS	19499	158W	Type 3	5000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-5K-3-LS-S25-2X	25' Square Straight Steel	Double	VP-1-160-5K-3-LS	19499	158W	Type 3	5000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-5K-4F-LS-S25	25' Square Straight Steel	Single	VP-1-160-5K-4F-LS	19186	158W	Type 4F	5000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-5K-4F-LS-S25-2X	25' Square Straight Steel	Double	VP-1-160-5K-4F-LS	19186	158W	Type 4F	5000K/70CRI	Universal Arm	Dark Bronze Textured

VIPER POLE EXPRESS COMBO – STOCK LUMINAIRE SKUS

Catalog Number	Lumens	LPW	Distribution	Wattage	CCT/CRI	Voltage	Mounting	Finish
VP-1-160-4K-3-LS	19584	123.9	3	158W	4000K/70CRI	120-277V	Universal Arm with RPA (A3U)	Dark Bronze Textured
VP-1-160-4K-4F-LS	19426	122.9	4F	158W	4000K/70CRI	120-277V	Universal Arm with RPA (A3U)	Dark Bronze Textured
VP-1-160-5K-3-LS	19499	123.4	3	158W	5000K/70CRI	120-277V	Universal Arm with RPA (A3U)	Dark Bronze Textured
VP-1-160-5K-4F-LS	19186	121.4	4F	158W	5000K/70CRI	120-277V	Universal Arm with RPA (A3U)	Dark Bronze Textured

VIPER POLE EXPRESS COMBO – ACCESSORIES

Catalog Number	Description
VM14DB	Vibration Dampener, mounts to top of pole for reduced vibration





VIPER Area/Site

VIPER LUMINAIRE

DATE: _____ LOCATION: _____

TYPE: _____ PROJECT: _____

CATALOG #: _____

OUTDOOR LIGHTING CONTROLS OPTIONS CONTROLS FUNCTIONALITY LIGHTGRID+ NX

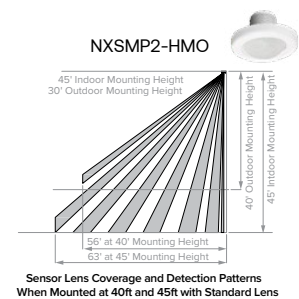
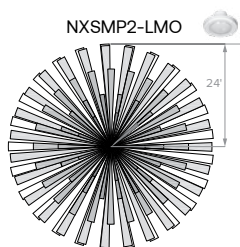
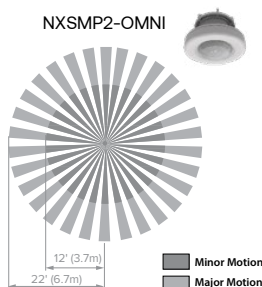
Control Option Ordering Logic & Description		Control Option Functionality								Control Option Components			
		Networkable	Grouping	Scheduling	Occupancy/ Motion	Daylight Harvesting	0-10V Dimming	On/Off Control	Bluetooth App Programming			Sensor Height	
NX Wireless	NXOFM2-1R1D-UNV	NX 7-Pin Twist-Lock® with NX Networked Wireless Radio, Integral Automatic Dimming Photocell, Integral Single Pole Relay with Dimming, and Bluetooth Programming	✓	✓	✓	Paired with external control	✓	✓	✓	✓	-		NXOFM2-1R1D-UV
	NXW	NX Networked Wireless Radio Module NXWM2 and Bluetooth Programming, without Sensor	✓	✓	✓	-	-	✓	✓	✓	-		NXRM2-H
	NXWS12F	NX Networked Wireless Enabled Integral NXSMP2-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming	✓	✓	✓	✓	✓	✓	✓	✓	12ft		NXSMP2-OMNI-O
	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
LightGRID+	WIR	LightGRID+ In-Fixture Module	✓	-	✓	-	-	✓	✓	Gateway	-		WIR
	WIR-RME-L	LightGRID+ On Fixture Module	✓	-	✓	-	-	✓	✓	Gateway	-		WIR-RME-L
	WIRSC	LightGRID+ Module and Occupancy Sensor	✓	✓	✓	✓	✓	✓	✓	Gateway	14ft - 40ft		BTMSP
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	On
	*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	50%
	Daylight Sensor	Disabled

NX WIRELESS COVERAGE PATTERNS





VIPER Area/Site

VIPER LUMINAIRE

DATE: _____ LOCATION: _____
TYPE: _____ PROJECT: _____
CATALOG #: _____

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

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	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

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

ORDERING GUIDE

Auto Dim Code	Timer Base (ADD) Auto-Dim Options		Auto Dim Cod	Time of Day (ADT) Auto-Dim Options	Code	Auto-Dim Brightness	Code	Auto-Dim Return Options	Code	Auto-Dim Brightness
D1	Delay 1 hour	OR	T0	Delay Midnight	0	100% Brightness	R1	Delay 1 hour or 1 AM	0	100% Brightness
D2	Delay 2 hours		T1	Delay 1 AM	1	10% Brightness	R2	Delay 2 hours or 2 AM	1	10% Brightness
D3	Delay 3 hours		T2	Delay 2 AM	2	20% Brightness	R3	Delay 3 hours or 3 AM	2	20% Brightness
D4	Delay 4 hours		T3	Delay 3 AM	3	30% Brightness	R4	Delay 4 hours or 4 AM	3	30% Brightness
D5	Delay 5 hours		T4	Delay 10 PM	4	40% Brightness	R5	Delay 5 hours or 5 AM	4	40% Brightness
D6	Delay 6 hours		T5	Delay 11 PM	5	50% Brightness	R6	Delay 6 hours or 6 AM	5	50% Brightness
D7	Delay 7 hours		T6	Delay 6 PM	6	60% Brightness	R7	Delay 7 hours or 7 AM	6	60% Brightness
D8	Delay 8 hours		T7	Delay 7 PM	7	70% Brightness	R8	Delay 8 hours or 8 AM	7	70% Brightness
D9	Delay 9 hours		T8	Delay 8 PM	8	80% Brightness	R9	Delay 9 hours or 9 AM	8	80% Brightness
D0	Delay 0 hours		T9	Delay 9 PM	9	90% Brightness	R0	Delay 0 hours or 12 AM	9	90% Brightness

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	Micro Strike Lumen Multiplier				Strike Lumen Multiplier				Silicone Strike Lumen Multiplier			
			CCT	70 CRI	80 CRI	90 CRI	CCT	70 CRI	80 CRI	90 CRI	CCT	70 CRI	80 CRI	90 CRI
0°C	32°F	1.03					2700K	—	0.841	—	2200K	0.811	—	—
10°C	50°F	1.01					3000K	0.977	0.861	0.647	2700K	0.906	0.774	—
20°C	68°F	1.00					3500K	—	0.900	—	3000K	0.943	0.868	—
25°C	77°F	1.00					4000K	1	0.926	0.699	3500K	—	0.868	—
30°C	86°F	0.99					5000K	1	0.937	0.791	4000K	1	0.906	—
40°C	104°F	0.98					AP-Amber Phosphor Converted Multiplier				5000K	1	0.906	—
			Amber				Monochromatic Amber Multiplier							
			0.710				Amber				See Amber Spec Sheet			



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



VIPER Area/Site

VIPER LUMINAIRE

DATE: LOCATION:
TYPE: PROJECT:
CATALOG #:

ELECTRICAL DATA: SILICONE STRIKE

# OF LEDS	40								
NOMINAL WATTAGE (W)	35	55	65	80	100	120	140	170	195
SYSTEM POWER (W)	34.4	47.4	63.3	82.2	101.7	121.6	141.4	168.8	193.0
INPUT VOLTAGE (V)	CURRENT (A)								
120	0.29	0.40	0.53	0.69	0.85	1.01	1.18	1.41	1.61
208	0.17	0.23	0.30	0.40	0.49	0.58	0.68	0.81	0.93
240	0.14	0.20	0.26	0.34	0.42	0.51	0.59	0.70	0.80
277	0.12	0.17	0.23	0.30	0.37	0.44	0.51	0.61	0.70
347	0.10	0.14	0.18	0.24	0.29	0.35	0.41	0.49	0.56
480	0.07	0.10	0.13	0.17	0.21	0.25	0.29	0.35	0.40

# OF LEDS	80									
NOMINAL WATTAGE (W)	75	90	105	130	155	175	205	225	250	280
SYSTEM POWER (W)	74.0	87.0	105.3	131.9	153.5	175.4	203.4	226.1	249.0	281.0
INPUT VOLTAGE (V)	CURRENT (A)									
120	0.62	0.73	0.88	1.10	1.28	1.46	1.70	1.88	2.08	2.34
208	0.36	0.42	0.51	0.63	0.74	0.84	0.98	1.09	1.20	1.35
240	0.31	0.36	0.44	0.55	0.64	0.73	0.85	0.94	1.04	1.17
277	0.27	0.31	0.38	0.48	0.55	0.63	0.73	0.82	0.90	1.01
347	0.36	0.42	0.51	0.63	0.74	0.84	0.98	1.09	1.20	1.35
480	0.15	0.18	0.22	0.27	0.32	0.37	0.42	0.47	0.52	0.59

# OF LEDS	120								
NOMINAL WATTAGE (W)	190	205	230	265	295	320	355	380	420
SYSTEM POWER (W)	189.8	206.0	230.3	263.2	296.5	322.0	356.3	382.3	421.6
INPUT VOLTAGE (V)	CURRENT (A)								
120	1.58	1.72	1.92	2.19	2.47	2.68	2.97	3.19	3.51
208	0.91	0.99	1.11	1.27	1.43	1.55	1.71	1.84	2.03
240	0.79	0.86	0.96	1.10	1.24	1.34	1.48	1.59	1.76
277	0.69	0.74	0.83	0.95	1.07	1.16	1.29	1.38	1.52
347	0.55	0.59	0.66	0.76	0.85	0.93	1.03	1.10	1.21
480	0.40	0.43	0.48	0.55	0.62	0.67	0.74	0.80	0.88

# OF LEDS	180								
NOMINAL WATTAGE (W)	275	295	335	360	395	435	470	510	550
SYSTEM POWER (W)	272.7	296.8	333.2	357.8	394.7	432.4	470.2	508.7	547.4
INPUT VOLTAGE (V)	CURRENT (A)								
120	2.27	2.47	2.78	2.98	3.29	3.60	3.92	4.24	4.56
208	1.31	1.43	1.60	1.72	1.90	2.08	2.26	2.45	2.63
240	1.14	1.24	1.39	1.49	1.64	1.80	1.96	2.12	2.28
277	0.98	1.07	1.20	1.29	1.42	1.56	1.70	1.84	1.98
347	0.79	0.86	0.96	1.03	1.14	1.25	1.36	1.47	1.58
480	0.57	0.62	0.69	0.75	0.82	0.90	0.98	1.06	1.14

**Job Name:**

NEW DENTAL OFFICE- HUDSON, OH
Architect: DISCRETIONARY/STOCK/DESIGN
BUILD
Engineer: DISCRETIONARY/STOCK/DESIGN

Catalog Number:

VP-SS-1-40L-80-3K7-4W-UNV-A-
DBT-MBC

Notes:

Type:**A**

LDI26-575216

**VIPER Area/Site**

VIPER LUMINAIRE

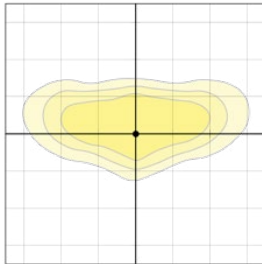
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TYPE: _____ PROJECT: _____

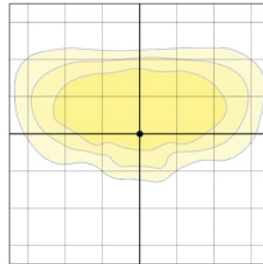
CATALOG #: _____

SILICONE OPTIC STRIKE PHOTOMETRY

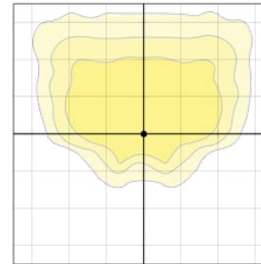
The following diagrams represent the general distribution options offered for this product. For detailed information on specific product configurations, see website photometric test reports.

Type 2

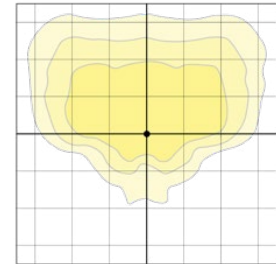
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Scale: 1 inch = 25 ft

Type 3

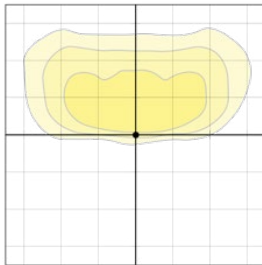
Mounting Height: 20 ft
Scale: 1 inch = 25 ft

Type 4 Forward

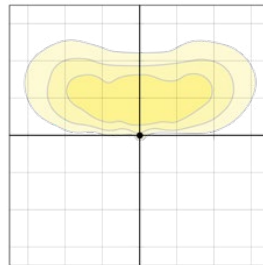
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Type 4 Wide

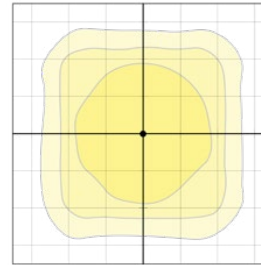
Mounting Height: 20 ft
Scale: 1 inch = 25 ft

Type 4WBC

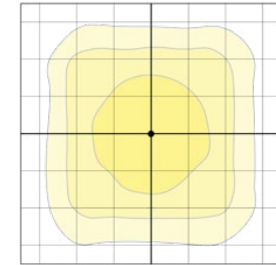
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Scale: 1 inch = 25 ft

Type 4WMB

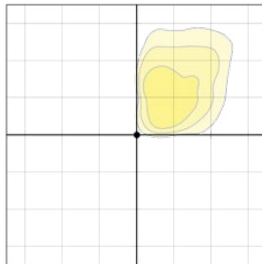
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Scale: 1 inch = 25 ft

Type 5QM

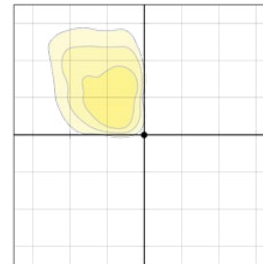
Mounting Height: 20 ft
Scale: 1 inch = 25 ft

Type 5QW

Mounting Height: 20 ft
Scale: 1 inch = 25 ft

Type LCC

Mounting Height: 20 ft
Scale: 1 inch = 25 ft

Type RCC

Mounting Height: 20 ft
Scale: 1 inch = 25 ft

**Job Name:**

NEW DENTAL OFFICE- HUDSON, OH
Architect: DISCRETIONARY/STOCK/DESIGN
BUILD
Engineer: DISCRETIONARY/STOCK/DESIGN

Catalog Number:

VP-SS-1-40L-80-3K7-4W-UNV-A-
DBT-MBC

Notes:

Type:**A**

LDI26-575216

**VIPER Area/Site**

VIPER LUMINAIRE

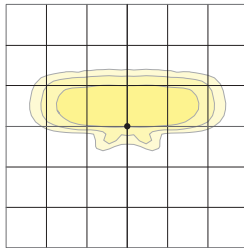
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TYPE: _____ PROJECT: _____

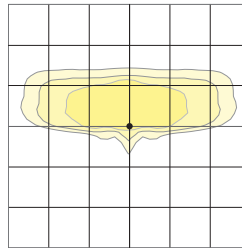
CATALOG #: _____

MICRO STRIKE PHOTOMETRY

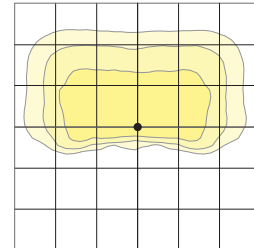
The following diagrams represent the general distribution options offered for this product. For detailed information on specific product configurations, see website photometric test reports.

Type 2

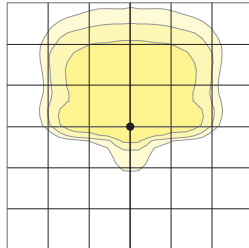
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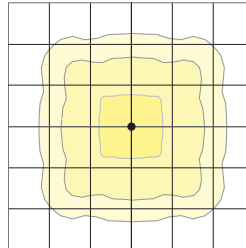
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 4 Wide

Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 4F

Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 5QW

Mounting Height: 20 ft
Scale: 1 inch = 20 ft

**Job Name:**

NEW DENTAL OFFICE- HUDSON, OH
Architect: DISCRETIONARY/STOCK/DESIGN
BUILD
Engineer: DISCRETIONARY/STOCK/DESIGN

Catalog Number:

VP-SS-1-40L-80-3K7-4W-UNV-A-
DBT-MBC

Notes:

Type:**A**

LDI26-575216

**VIPER Area/Site**

VIPER LUMINAIRE

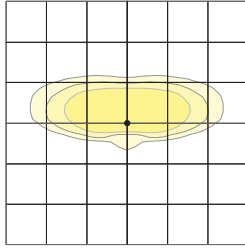
DATE: _____ LOCATION: _____

TYPE: _____ PROJECT: _____

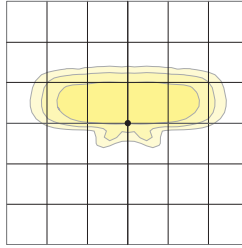
CATALOG #: _____

OPTIC STRIKE PHOTOMETRY

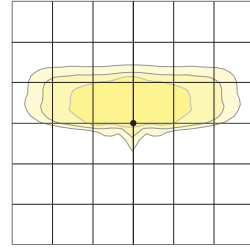
The following diagrams represent the general distribution options offered for this product. For detailed information on specific product configurations, see website photometric test reports.

Type FR – Front Row/Auto Optic

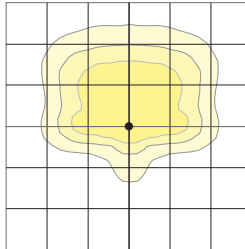
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 2

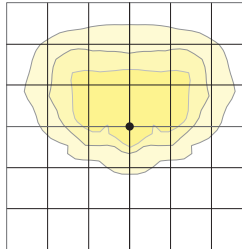
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Scale: 1 inch = 20 ft

Type 3

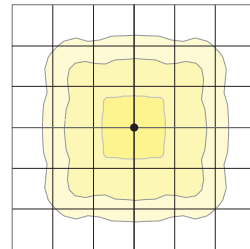
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 4 Forward

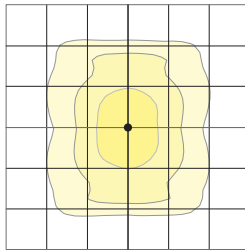
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 4 Wide

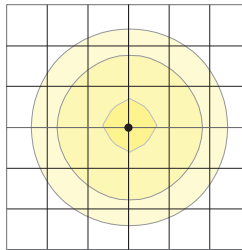
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 5QM

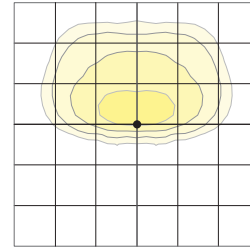
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 5RW (rectangular)

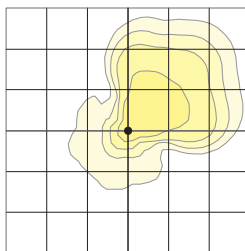
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 5W (round wide)

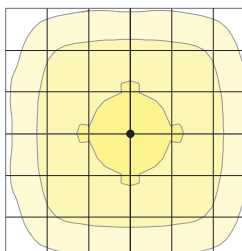
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type TC

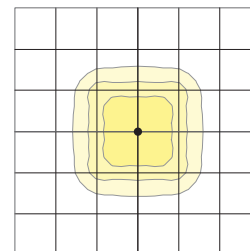
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type Corner

Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 5QW

Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 5QN

Mounting Height: 20 ft
Scale: 1 inch = 20 ft



Lighting
Dynamics, Inc.
EST. 1996

Job Name:

NEW DENTAL OFFICE- HUDSON, OH
Architect: DISCRETIONARY/STOCK/DESIGN
BUILD
Engineer: DISCRETIONARY/STOCK/DESIGN

Catalog Number:

VP-SS-1-40L-80-3K7-4W-UNV-A-
DBT-MBC

Notes:

Type:**A**

LDI26-575216

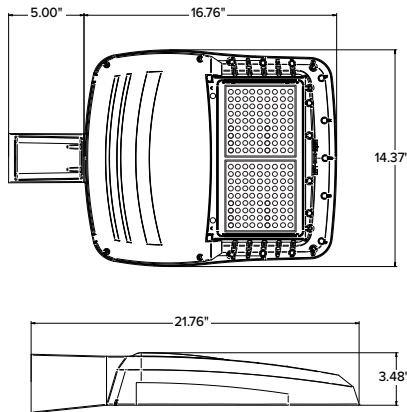
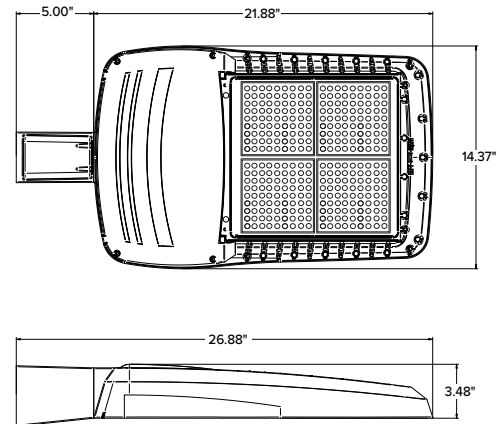
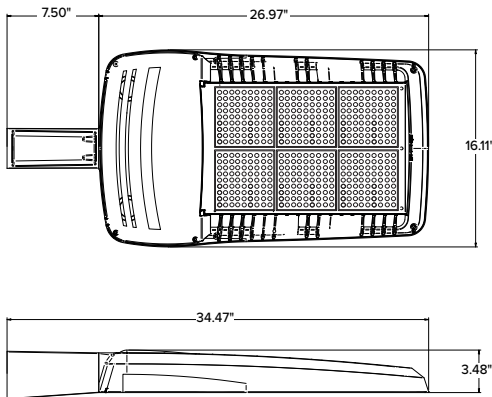
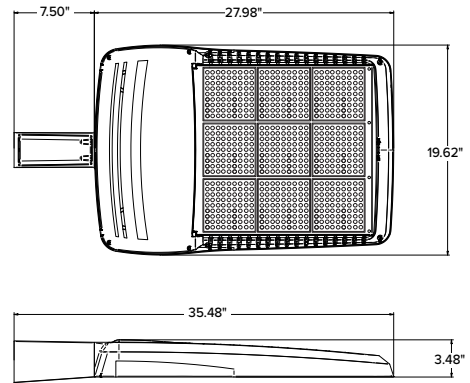
**VIPER Area/Site**

VIPER LUMINAIRE

DATE: _____ LOCATION: _____

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

**Job Name:**

NEW DENTAL OFFICE- HUDSON, OH
Architect: DISCRETIONARY/STOCK/DESIGN
BUILD
Engineer: DISCRETIONARY/STOCK/DESIGN

Catalog Number:

VP-SS-1-40L-80-3K7-4W-UNV-A-
DBT-MBC

Notes:

Type:**A**

LDI26-575216

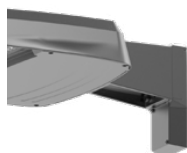
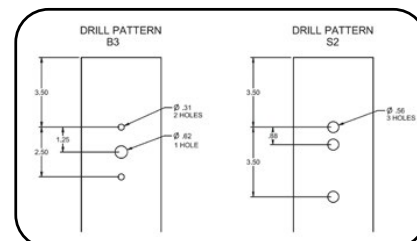
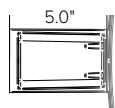
**VIPER Area/Site**

VIPER LUMINAIRE

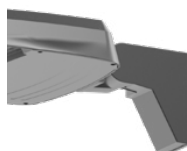
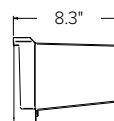
DATE: _____ LOCATION: _____
TYPE: _____ PROJECT: _____
CATALOG #: _____

MOUNTING**A-STRAIGHT ARM MOUNT**

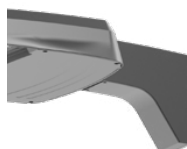
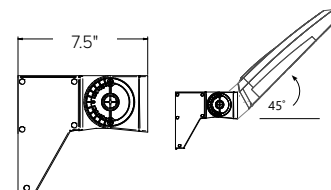
Fixture ships with integral arm for ease of installation. Compatible with Current Outdoor B3 drill pattern for ease of installation on square poles. For round poles add applicable suffix (2/3/4/5)

**ASQU-UNIVERSAL ARM MOUNT**

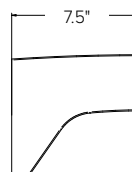
Universal mounting block for ease of installation. Compatible with drill patterns from 1.5" to 5.25" and Current drill pattern S2. For round poles add applicable suffix (2/3/4/5)

**AAU-ADJUSTABLE ARM FOR POLE MOUNTING**

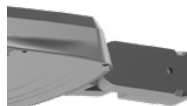
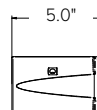
Rotatable arm mounts directly to pole. Compatible with drill patterns from 1.5" to 5.25" and Current drill pattern S2 and B3. For round poles add applicable suffix (2/3/4/5). Rotatable in 5° aiming angle increments. Micro Strike configurations have a 45° aiming limitation. Strike configurations have a 30° aiming limitation.

**ADU-DECORATIVE UPSWEPT ARM**

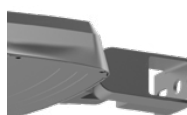
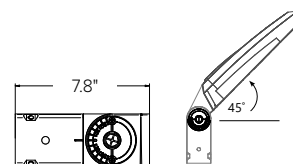
Upswept Arm compatible with drill patterns from 1.5" to 5.25" and Current drill pattern S2. For round poles add applicable suffix (2/3/4/5).

**MAF-MAST ARM FITTER**

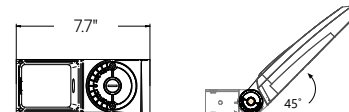
Fits 2-3/8" OD horizontal tenons.

**K-KNUCKLE**

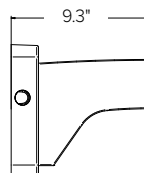
Rotatable in 5-degree aiming angle increments, fits 2-3/8" tenons or pipes. Micro Strike configurations have a 45° aiming limitation. Strike configurations have a 30° aiming limitation.

**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.



**Job Name:**

NEW DENTAL OFFICE- HUDSON, OH
Architect: DISCRETIONARY/STOCK/DESIGN
BUILD
Engineer: DISCRETIONARY/STOCK/DESIGN

Catalog Number:

VP-SS-1-40L-80-3K7-4W-UNV-A-
DBT-MBC

Notes:

Type:**A**

LDI26-575216

**VIPER Area/Site**

VIPER LUMINAIRE

DATE: _____ LOCATION: _____

TYPE: _____ PROJECT: _____

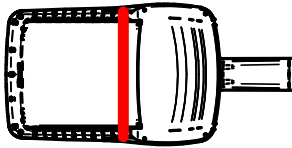
CATALOG #: _____

ADDITIONAL INFORMATION (CONTINUED)**HOUSE SIDE SHIELD FIELD INSTALL ACCESSORIES**

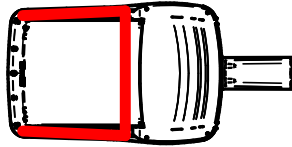
HSS has a depth of 5" for all Viper sizes

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

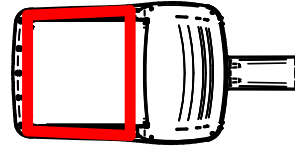
VPR2x HSS-90-B-xx



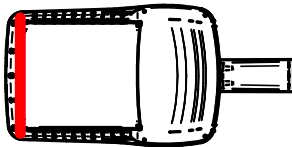
VPR2x HSS-270-BSS-xx



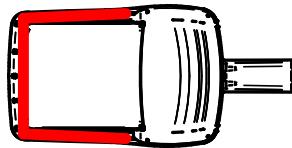
VPR2x HSS-360-xx



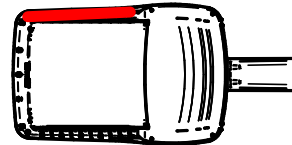
VPR2x HSS-90-F-xx



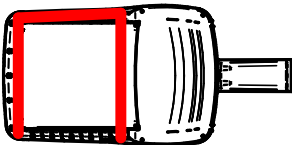
VPR2x HSS-270-FSS-xx



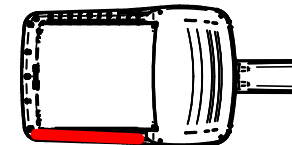
VPR2x HSS-90-S-xx



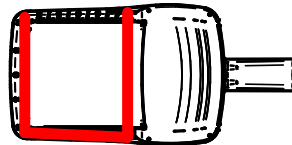
VPR2x HSS-270-FSB-xx



VPR2x HSS-90-S-xx



VPR2x HSS-270-FSB-xx





SSSB Series Poles

SQUARE STRAIGHT STEEL

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

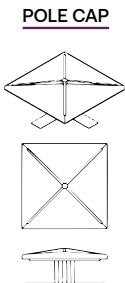
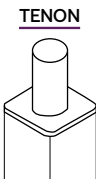
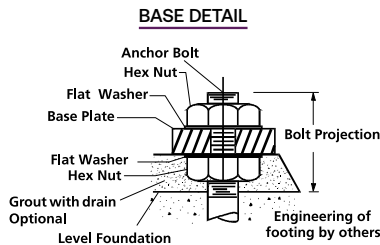
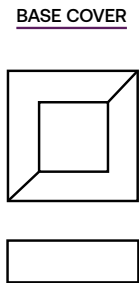
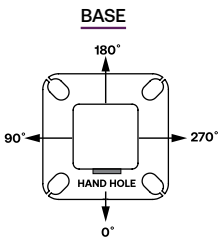
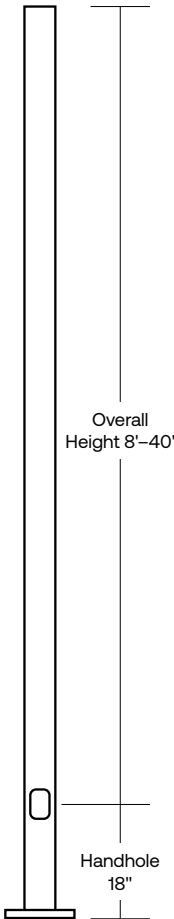
SPECIFICATIONS

CONSTRUCTION

- Shaft: One-piece straight steel with square cross section, flat sides and minimum 0.23" radius on all corners; Minimum yield of 46,000 psi (ASTM-A500, Grade B); Longitudinal weld seam to appear flush with shaft side wall; Steel base plate with axial bolt circle slots welded flush to pole shaft having minimum yield of 36,000 psi (ASTM A36)
- Base cover: Two-piece square aluminum base cover included standard
- Pole cap: Pole shaft supplied with removable cover when applicable; Tenon and post-top configurations also available
- Hand hole: Rectangular 3x5 steel hand hole frame (2.38" x 4.38" opening); Mounting provisions for grounding lug located behind gasketed cover
- Anchor bolts: Four galvanized anchor bolts provided per pole with minimum yield of 55,000 psi (ASTM F1554). Galvanized hardware with two washers and two nuts per bolt for leveling
 - Anchor bolt part numbers: 3/4 x 30 x 3 — TAB-30-M38
1 x 36 x 4 — TAB-36-M38
- Super Durable polyester-TGIC powder coat finish with nominal 3.0 mil thickness. Meets or exceeds AAMA 2604 standards.

INSTALLATION

- Lighting installations for side and top mounting of luminaires with effective projected area (EPA) not exceeding maximum allowable loading of the specified pole in its installed geographic location





SSSB Series Poles

SQUARE STRAIGHT STEEL

DATE: | LOCATION:

TYPE: | PROJECT:

CATALOG #:

ORDERING INFORMATION

Example: SSSB25-40A-2L-S2-DBT-UL

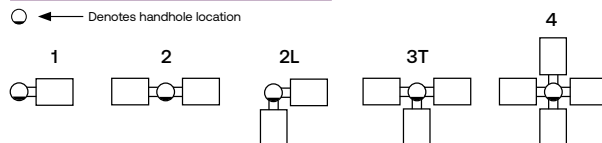
SSSB	16	40	Thickness	Mounting	Drill Pattern	Finish	Options
Series	Height	Shaft	Reference page 3 Ordering matrix	Reference page 3 Ordering matrix			
SSSB Square Straight Steel Pole Beacon	Reference page 3 Ordering matrix	Reference page 3 Ordering matrix	A - .125" Wall B - .188" Wall C - .250" Wall	1 Single arm mount 2 Two fixtures at 180° 2L Two fixtures at 90° 3T Three fixtures at 90° 4 Four fixtures at 90° TA Tenon (2.38" OD x 4" Tall) TB Tenon (2.88" OD x 4" Tall) TC Tenon (3.5" OD x 6" Tall) TR ¹ Removable Tenon (2.375" x 4.25") OT Open Top (includes pole cap)	B1 Cruiser, "AM" arm B3 2 bolt (2-1/2" spacing), Viper "A" arm S2 2 bolt (3-1/2" spacing), Viper "AD" arm UDP Universal Drill Pattern	BLT Black Matte Textured BLS Black Gloss Smooth DBT Dark Bronze Matte Textured DBS Dark Bronze Gloss Smooth GTT Graphite Matte Textured LGT Light Grey Matte Textured LGS Light Grey Gloss Smooth PSS Platinum Silver Smooth WHT White Matte Textured WHS White Gloss Smooth VGT Verde Green Textured Color Option CC Custom Color ²	GFI ³ 20 Amp GFCI Receptacle and Cover EHH ³ Extra Handhole C05 ³ 5" Coupling C07 ³ .75" Coupling C20 ³ 2" Coupling MPB ³ Mid-pole Luminaire Bracket VM1 ⁴ Mode vibration dampener VM2 ⁵ 2nd mode vibration dampener LAB Less Anchor Bolts UL ⁶ UL Certified

Accessories (Order Separately)

Part Number	Description
☐ A81999-0001	Field-installed 2nd mode vibration dampener - VM2S08
☐ A81999-0005	Field-installed 2nd mode vibration dampener - VM2S10
☐ A81999-0004	Field-installed 2nd mode vibration dampener - VM2S12
☐ A81999-0003	Field-installed 2nd mode vibration dampener - VM2S14
☐ A81999-0007	Field-installed 2nd mode vibration dampener - VM2S16
☐ A81999-0006	Field-installed 2nd mode vibration dampener - VM2S18
☐ A81999-0002	Field-installed 2nd mode vibration dampener - VM2S20
☐ A81999-0009	Field-installed 2nd mode vibration dampener - VM2S24
☐ A81999-0008	Field-installed 2nd mode vibration dampener - VM2S25

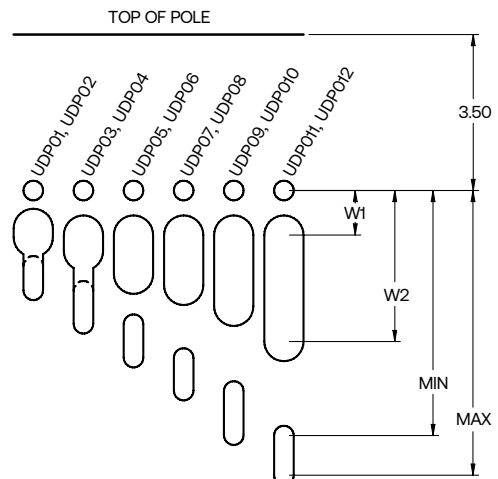
- Removable tenon used in conjunction with side arm mounting. First specify desired arm configuration followed by the "TR" notation. Example: SSS-B-25-40-A-1-B1-TR-BBTT.
- Custom colors available; RAL number preferable
- Specify option location using logic found on page 3 (Option Orientation).
- VM1 recommended on poles 20' and taller with EPA of less than 1.
- There will be a weld witness mark on the side of the pole with the Factory installed VM2
- UL not available with tenon on pole

MOUNTING ORIENTATION



DRILL PATTERNS

UNIVERSAL DRILL PATTERN (UDP)



Two Bolt Mounting with Center Wireway						
Mounting Hardware	Universal Mounting Patterns					
3/8" or less	UDP01	UDP03	UDP05	UDP07	UDP09	UDP011
7/8" to 1"	UDP02	UDP04	UDP06	UDP08	UDP10	UDP12
"Min" Attachment Dimension	1.69	2.25	3.00	3.76	4.50	5.50
"Max" Attachment Dimension	2.24	2.99	3.75	4.49	5.49	6.00
W1 (Wireway min)	0.85	1.00	1.00	1.00	1.00	1.00
W2 (Wireway max)	1.05	1.36	1.88	2.13	2.60	3.00

UDP to accommodate 3rd Party Luminaires. Current Brands only utilize exact drill patterns as published.

Submitted by Lighting Dynamics, Inc.		Catalog Number: SSSB16-40A-1-XX-DBT	Type: A
 Lighting Dynamics, Inc. EST. 1996	Job Name: NEW DENTAL OFFICE- HUDSON, OH Architect: DISCRETIONARY/STOCK/DESIGN BUILD Engineer: DISCRETIONARY/STOCK/DESIGN	Notes:	LDI26-575216



SSSB Series Poles

SQUARE STRAIGHT STEEL

DATE: _____ LOCATION: _____
 TYPE: _____ PROJECT: _____
 CATALOG #: _____

NOTES

Wind-speed Website disclaimer:

Current has no connection to the linked website and makes no representations as to its accuracy. While the information presented on this third party website provides a useful starting point for analyzing wind conditions, Current has not verified any of the information on this third party website and assumes no responsibility or liability for its accuracy. The material presented in the windspeed website should not be used or relied upon for any specific application without competent examination and verification of its accuracy, suitability and applicability by engineers or other licensed professionals. Current does not intend that the use of this information replace the sound judgment of such competent professionals, having experience and knowledge in the field of practice, nor to substitute for the standard of care required of such professionals in interpreting and applying the results of the windspeed report provided by this website. Users of the information from this third party website assume all liability arising from such use. Use of the output of these referenced websites do not imply approval by the governing building code bodies responsible for building code approval and interpretation for the building site described by latitude/longitude location in the windspeed report. <http://windspeed.atcouncil.org>

- Allowable EPA, to determine max pole loading weight, multiply allowable EPA by 30 lbs.
- The tables for allowable pole EPA are based on the ASCE 7-05 Wind Map or the Florida Region Wind Map for the 2010 Florida Building Code. The Wind Maps are intended only as a general guide and cannot be used in conjunction with other maps. Always consult local authorities to determine maximum wind velocities, gusting and unique wind conditions for each specific application
- Allowable pole EPA for jobsite wind conditions must be equal to or greater than the total EPA for fixtures, arms, and accessories to be assembled to the pole. Responsibility lies with the specifier for correct pole selection. Installation of poles without luminaires or attachment of any unauthorized accessories to poles is discouraged and shall void the manufacturer's warranty
- Wind speeds and listed EPAs are for ground mounted installations. Poles mounted on structures (such as bridges and buildings) must consider vibration and coefficient of height factors beyond this general guide; Consult local and federal standards
- Wind Induced Vibration brought on by steady, unidirectional winds and other unpredictable aerodynamic forces are not included in wind velocity ratings. Consult Current Lighting's Pole Vibration Application Guide for environmental risk factors and design considerations.
- Extreme Wind Events like, Hurricanes, Typhoons, Cyclones, or Tornadoes may expose poles to flying debris, wind shear or other detrimental effects not included in wind velocity ratings



VIPER Area/Site

VIPER LUMINAIRE

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™, LightGRID+ 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



SERVICE PROGRAMS



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
- Silicone Strike Optics (40, 80, 120, or 180 LED counts) maximize uniformity in applications and provides the highest LPW. These include an integral gasket allowing for IP66 rating. Catalog logic found on page 4.
- All 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

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 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
- 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)
- 0-10V Dimming Drivers are standard. Select CD option to have dimming leads extended outside the luminaire. Must specify if wiring leads are to be greater than the 6" standard.

DATE: LOCATION:

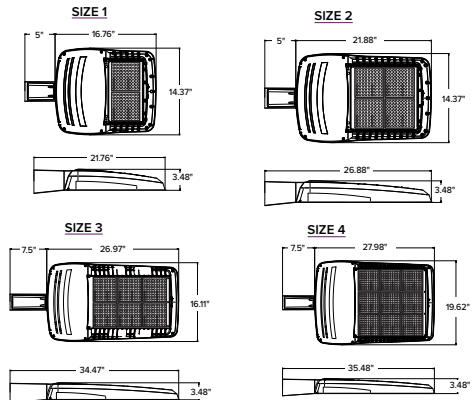
TYPE: PROJECT:

CATALOG #:

MICRO STRIKE

SILICONE STRIKE

OPTICS STRIKE



	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	

CONTROLS (CONTINUED)

- NX Lighting Controls™ available with in fixture wireless control module, features dimming and occupancy sensor
- LightGRID+ available with in fixture wireless control module, features dimming and occupancy sensor. Also available in 7-pin configuration

CERTIFICATIONS

- DLC® (DesignLights Consortium Qualified), with some Premium Qualified configurations. Not all product variations listed in this document are DLC® qualified. Refer to <http://www.designlights.org> for the most up-to-date list.
- 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 with Strike and Microstrike optics. Fixture is IP66 rated with Silicone Strike optics.
- Meets IDA recommendations using 3K CCT configuration at 0 degrees of tilt
- 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://www.currentlighting.com/resources/america-solutions>).
- FCC CFR Title 47 Part 15, Class A
- IK10 (Silicone Strike Optics Only)

WARRANTY

- 5 year warranty



VIPER Area/Site

VIPER LUMINAIRE

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

SILICONE STRIKE OPTIC – ORDERING GUIDE

Example: VP-SS-1-40L-75-4K7-4W-UNV-ASQU-BLT

CATALOG #

VP								
Series	Optic Platform	Size	Light Engine		CCT/CRI	Distribution	Optic Rotation	Voltage
VP Viper	SS Strike Silicone	1 Size 1	40L-35	35W, 5,500 Lumens	22K7 2200K, 70 CRI	2 Type 2	BLANK No Rotation	UNV 120-277V
			40L-50	50W, 7,500 Lumens	27K7 2700K, 70 CRI	3 Type 3		
			40L-65	65W, 10,000 Lumens	27K8 2700K, 80 CRI	4W Type 4 Wide		
			40L-80	80W, 12,500 Lumens	3K7 3000K, 70 CRI	4F Type 4 Forward		
			40L-100	100W, 15,000 Lumens	3K8 3000K, 80 CRI	5QM Type 5 Square Medium	L Optic rotation left R Optic rotation right	120 120V
			40L-120	120W, 17,500 Lumens	35K8 3500K, 80 CRI	5QW Type 5 Square Wide		208 208V
			40L-140	140W, 20,000 Lumens	4K7 4000K, 70 CRI			240 240V
			40L-170	170W, 22,500 Lumens	4K8 4000K, 80 CRI			277 277V
			40L-195	195W, 25,000 Lumens	5K7 5000K, 70 CRI			347 347V
		2 Size 2	80L-75	75W, 12,500 Lumens	5K8 5000K, 80 CRI			480 480V
			80L-90	90W, 15,000 Lumens				
			80L-105	105W, 17,500 Lumens				
			80L-130	130W, 21,000 Lumens				
			80L-155	155W, 24,000 Lumens				
			80L-175	175W, 27,000 Lumens				
			80L-205	205W, 30,000 Lumens				
			80L-225	225W, 33,000 Lumens				
			80L-250	250W, 36,000 Lumens				
			80L-280	280W, 40,000 Lumens				
		3 Size 3	120L-190	190W, 30,000 Lumens				
			120L-205	205W, 33,000 Lumens				
			120L-230	230W, 36,000 Lumens				
			120L-265	265W, 40,000 Lumens				
			120L-295	295W, 44,000 Lumens				
			120L-320	320W, 48,000 Lumens				
			120L-355	355W, 52,000 Lumens				
			120L-380	380W, 55,000 Lumens				
			120L-420	420W, 60,000 Lumens				
		4 Size 4	180L-275	275W, 44,000 Lumens				
			180L-295	295W, 48,000 Lumens				
			180L-335	335W, 52,000 Lumens				
			180L-360	360W, 55,000 Lumens				
			180L-395	395W, 60,000 Lumens				
			180L-435	435W, 65,000 Lumens				
			180L-470	470W, 70,000 Lumens				
			180L-510	510W, 75,000 Lumens				
			180L-550	550W, 80,000 Lumens				



VIPER Area/Site

VIPER LUMINAIRE

SILICONE STRIKE OPTIC – ORDERING GUIDE (CONTINUED)

Mounting	Color	Options	Network Control Options
A Arm mount for square pole/flat surface	BLT Black Matte Textured	BC Backlight Control (3%)	NXWS16F NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming ^{1,4,5}
A_ Arm mount for round pole ³	BLS Black Gloss Smooth	MBC Max Backlight Control (1.5%)	NXWS40F NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming ^{1,4,5}
ASQU Universal arm mount for square pole	DBT Dark Bronze Matte Textured	LCC Left Corner Control	NXW NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor ^{4,5}
A_U Universal arm mount for round pole ³	DBS Dark Bronze Gloss Smooth	RCC Right Corner Control	WIR LightGRID+ In-Fixture Module ^{4,5}
AAU Adjustable arm for pole mounting (universal drill pattern)	GTT Graphite Matte Textured	F Fusing	WIRSC LightGRID+ Module and Occupancy Sensor ^{4,5}
AA_U Adjustable arm mount for round pole ³	LGS Light Grey Gloss Smooth	E Battery Backup ^{1,2,8,9}	Stand Alone Sensors
ADU Decorative upswept Arm (universal drill pattern)	LGT Light Grey Gloss Textured	2PF Dual Power Feed	BTS-14F Bluetooth® Programmable, BTSMP-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens ¹³
AD_U Decorative upswept arm mount for round pole ³	PSS Platinum Silver Smooth	2DR Dual Driver	BTS-40F Bluetooth® Programmable, BTSMP-HMO PIR Occupancy Sensor with Automatic Dimming® Photocell and 360° Lens ¹³
MAF Mast arm fitter for 2-3/8" OD horizontal arm	WHT White Matte Textured	TE Toolless Entry	BTSO-12F Bluetooth® Programmable, BTSMP-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens ¹³
K Knuckle	WHS White Gloss Smooth	TB Terminal Block	7PR 7-Pin Receptacle ⁴
T Trunnion	VGT Verde Green Textured	CD Customer Dimming	7PR-SC 7-Pin Receptacle with shorting cap ⁴
WB Wall Bracket, horizontal tenon with MAF	Color Option	LS Lumen Switch	7PR-TL 7-Pin PCR with photocontrol
WM Wall mount bracket with decorative upswept arm	CC Custom Color		3PR 3-Pin twist lock ⁴
WA Wall mount bracket with adjustable arm			3PR-SC 3-Pin receptacle with shorting cap ⁴
			3PR-TL 3-Pin PCR with photocontrol ⁴
			Programmed Controls
			SCP_F Sensor Control Programmable, 8F or 40F ¹¹
			ADD AutoDim Timer Based Dimming ¹²
			ADT AutoDim Time of Day Dimming ¹²

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 “3” for 2.75”-4.13” OD pole, “4” for 4.18”-5.25” OD pole, “5” for 5.5”-6.5” OD pole

4 – Networked Controls cannot be combined with other control options

5 – Not available with 2PF option

6 – Not available with 480V

7 – Not available with 347 or 480V

8 – Not available with Dual Driver option

9 – Only available in Size 1 housing, up to 105 Watts

10 – Some voltage restrictions may apply when combined with controls

11 – At least one SCPREMOTE required to program SCP motion sensor. Must select 8ft or 40ft.

12 – Please refer to page 8 for AutoDim ordering guide

13 – BTSO and BTS are only compatible at 50W or greater.



VIPER Area/Site

VIPER LUMINAIRE

DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

ORDERING GUIDE (CONT'D)

CATALOG #

Accessory Type		Size	Option		Color		Current Control Solutions — Accessories (Sold Separately)	
SHD	House Side Shield	1 Size 1	HSS-90-B	House Side Shield 90° Back	BLS	Black Gloss Smooth	☐ NXOFM2-1R1D-UNV	On-fixture Module (7-pin), On / Off / Dim, Daylight Sensor with NX Radio and Bluetooth® Radio, 120–480VAC
		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	☐ WIR-RME-L	On-fixture Module (7-pin or 5-pin), On / Off / Dim, Daylight Sensor with LightGRID+ Radio, 110–480VAC
		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	☐ SCP-REMOTE	Remote Control for SCP/_F option. Order at least one per project to program and control the occupancy sensor
			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	For additional information related to these accessories please visit currentlighting.com/beacon . Options provided for use with integrated sensor, please view specification sheet ordering information table for details.	
			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	Color Option			
			RPA	Round Pole Adapter	CC	Custom Color		
			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				



VIPER Area/Site

VIPER LUMINAIRE

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

VIPER POLE EXPRESS COMBO – ORDERING GUIDE



Catalog Number	Pole	Single or Double Head	Fixture	Lumens*	Wattage	Distribution	CCT/CRI	Mounting	Finish
VP-1-160-4K-3-LS-S20	20' Square Straight Steel	Single	VP-1-160-4K-3-LS	19584	158W	Type 3	4000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-4K-3-LS-S20-2X	20' Square Straight Steel	Double	VP-1-160-4K-3-LS	19584	158W	Type 3	4000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-4K-4F-LS-S20	20' Square Straight Steel	Single	VP-1-160-4K-4F-LS	19426	158W	Type 4F	4000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-4K-4F-LS-S20-2X	20' Square Straight Steel	Double	VP-1-160-4K-4F-LS	19426	158W	Type 4F	4000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-4K-3-LS-S25	25' Square Straight Steel	Single	VP-1-160-4K-3-LS	19584	158W	Type 3	4000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-4K-3-LS-S25-2X	25' Square Straight Steel	Double	VP-1-160-4K-3-LS	19584	158W	Type 3	4000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-4K-4F-LS-S25	25' Square Straight Steel	Single	VP-1-160-4K-4F-LS	19426	158W	Type 4F	4000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-4K-4F-LS-S25-2X	25' Square Straight Steel	Double	VP-1-160-4K-4F-LS	19426	158W	Type 4F	4000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-5K-3-LS-S20	20' Square Straight Steel	Single	VP-1-160-5K-3-LS	19499	158W	Type 3	5000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-5K-3-LS-S20-2X	20' Square Straight Steel	Double	VP-1-160-5K-3-LS	19499	158W	Type 3	5000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-5K-4F-LS-S20	20' Square Straight Steel	Single	VP-1-160-5K-4F-LS	19186	158W	Type 4F	5000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-5K-4F-LS-S20-2X	20' Square Straight Steel	Double	VP-1-160-5K-4F-LS	19186	158W	Type 4F	5000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-5K-3-LS-S25	25' Square Straight Steel	Single	VP-1-160-5K-3-LS	19499	158W	Type 3	5000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-5K-3-LS-S25-2X	25' Square Straight Steel	Double	VP-1-160-5K-3-LS	19499	158W	Type 3	5000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-5K-4F-LS-S25	25' Square Straight Steel	Single	VP-1-160-5K-4F-LS	19186	158W	Type 4F	5000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-5K-4F-LS-S25-2X	25' Square Straight Steel	Double	VP-1-160-5K-4F-LS	19186	158W	Type 4F	5000K/70CRI	Universal Arm	Dark Bronze Textured

VIPER POLE EXPRESS COMBO – STOCK LUMINAIRE SKUS

Catalog Number	Lumens	LPW	Distribution	Wattage	CCT/CRI	Voltage	Mounting	Finish
VP-1-160-4K-3-LS	19584	123.9	3	158W	4000K/70CRI	120-277V	Universal Arm with RPA (A3U)	Dark Bronze Textured
VP-1-160-4K-4F-LS	19426	122.9	4F	158W	4000K/70CRI	120-277V	Universal Arm with RPA (A3U)	Dark Bronze Textured
VP-1-160-5K-3-LS	19499	123.4	3	158W	5000K/70CRI	120-277V	Universal Arm with RPA (A3U)	Dark Bronze Textured
VP-1-160-5K-4F-LS	19186	121.4	4F	158W	5000K/70CRI	120-277V	Universal Arm with RPA (A3U)	Dark Bronze Textured

VIPER POLE EXPRESS COMBO – ACCESSORIES

Catalog Number	Description
VM14DB	Vibration Dampener, mounts to top of pole for reduced vibration





VIPER Area/Site

VIPER LUMINAIRE

DATE: _____ LOCATION: _____

TYPE: _____ PROJECT: _____

CATALOG #: _____

OUTDOOR LIGHTING CONTROLS OPTIONS CONTROLS FUNCTIONALITY LIGHTGRID+ NX

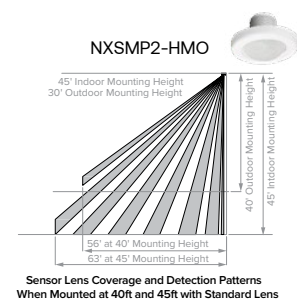
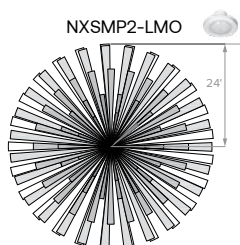
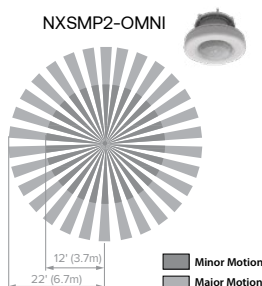
Control Option Ordering Logic & Description		Control Option Functionality									Control Option Components		
		Networkable	Grouping	Scheduling	Occupancy/ Motion	Daylight Harvesting	0-10V Dimming	On/Off Control	Bluetooth App Programming	Sensor Height			
NX Wireless	NXOFM2-1R1D-UNV	NX 7-Pin Twist-Lock® with NX Networked Wireless Radio, Integral Automatic Dimming Photocell, Integral Single Pole Relay with Dimming, and Bluetooth Programming	✓	✓	✓	Paired with external control	✓	✓	✓	✓	-		NXOFM2-1R1D-UNV
	NXW	NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor	✓	✓	✓	-	-	✓	✓	✓	-		NXRM2-H
	NXWS12F	NX Networked Wireless Enabled Integral NXSMP2-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming	✓	✓	✓	✓	✓	✓	✓	✓	12ft		NXSMP2-OMNI-O
	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
LightGRID+	WIR	LightGRID+ In-Fixture Module	✓	-	✓	-	-	✓	✓	Gateway	-		WIR
	WIR-RME-L	LightGRID+ On Fixture Module	✓	-	✓	-	-	✓	✓	Gateway	-		WIR-RME-L
	WIRSC	LightGRID+ Module and Occupancy Sensor	✓	✓	✓	✓	✓	✓	✓	Gateway	14ft - 40ft		BTMSP
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	On
	*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	50%
	Daylight Sensor	Disabled

NX WIRELESS COVERAGE PATTERNS





VIPER Area/Site

VIPER LUMINAIRE

DATE: _____ LOCATION: _____
TYPE: _____ PROJECT: _____
CATALOG #: _____

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

ORDERING GUIDE

Auto Dim Code	Timer Base (ADD) Auto-Dim Options		Auto Dim Cod	Time of Day (ADT) Auto-Dim Options	Code	Auto-Dim Brightness	Code	Auto-Dim Return Options	Code	Auto-Dim Brightness
D1	Delay 1 hour	OR	T0	Delay Midnight	0	100% Brightness	R1	Delay 1 hour or 1 AM	0	100% Brightness
D2	Delay 2 hours		T1	Delay 1 AM	1	10% Brightness	R2	Delay 2 hours or 2 AM	1	10% Brightness
D3	Delay 3 hours		T2	Delay 2 AM	2	20% Brightness	R3	Delay 3 hours or 3 AM	2	20% Brightness
D4	Delay 4 hours		T3	Delay 3 AM	3	30% Brightness	R4	Delay 4 hours or 4 AM	3	30% Brightness
D5	Delay 5 hours		T4	Delay 10 PM	4	40% Brightness	R5	Delay 5 hours or 5 AM	4	40% Brightness
D6	Delay 6 hours		T5	Delay 11 PM	5	50% Brightness	R6	Delay 6 hours or 6 AM	5	50% Brightness
D7	Delay 7 hours		T6	Delay 6 PM	6	60% Brightness	R7	Delay 7 hours or 7 AM	6	60% Brightness
D8	Delay 8 hours		T7	Delay 7 PM	7	70% Brightness	R8	Delay 8 hours or 8 AM	7	70% Brightness
D9	Delay 9 hours		T8	Delay 8 PM	8	80% Brightness	R9	Delay 9 hours or 9 AM	8	80% Brightness
D0	Delay 0 hours		T9	Delay 9 PM	9	90% Brightness	R0	Delay 0 hours or 12 AM	9	90% Brightness

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	Micro Strike Lumen Multiplier				Strike Lumen Multiplier				Silicone Strike Lumen Multiplier			
			CCT	70 CRI	80 CRI	90 CRI	CCT	70 CRI	80 CRI	90 CRI	CCT	70 CRI	80 CRI	90 CRI
0°C	32°F	1.03					2700K	0.9	0.81	0.62	2200K	0.811	—	—
10°C	50°F	1.01					3000K	0.933	0.853	0.659	2700K	0.906	0.774	—
20°C	68°F	1.00					3500K	0.959	0.894	0.711	3000K	0.943	0.868	—
25°C	77°F	1.00					4000K	1	0.9	0.732	3500K	—	0.868	—
30°C	86°F	0.99					5000K	1	0.9	0.732	4000K	1	0.906	—
40°C	104°F	0.98					AP-Amber Phosphor Converted Multiplier				5000K	1	0.906	—
			Amber				Monochromatic Amber Multiplier							
			0.710				Amber				See Amber Spec Sheet			



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



VIPER Area/Site

VIPER LUMINAIRE

DATE: _____ LOCATION: _____
TYPE: _____ PROJECT: _____
CATALOG #: _____

ELECTRICAL DATA: SILICONE STRIKE

# OF LEDS	40								
NOMINAL WATTAGE (W)	35	55	65	80	100	120	140	170	195
SYSTEM POWER (W)	34.4	47.4	63.3	82.2	101.7	121.6	141.4	168.8	193.0
INPUT VOLTAGE (V)	CURRENT (A)								
120	0.29	0.40	0.53	0.69	0.85	1.01	1.18	1.41	1.61
208	0.17	0.23	0.30	0.40	0.49	0.58	0.68	0.81	0.93
240	0.14	0.20	0.26	0.34	0.42	0.51	0.59	0.70	0.80
277	0.12	0.17	0.23	0.30	0.37	0.44	0.51	0.61	0.70
347	0.10	0.14	0.18	0.24	0.29	0.35	0.41	0.49	0.56
480	0.07	0.10	0.13	0.17	0.21	0.25	0.29	0.35	0.40

# OF LEDS	80									
NOMINAL WATTAGE (W)	75	90	105	130	155	175	205	225	250	280
SYSTEM POWER (W)	74.0	87.0	105.3	131.9	153.5	175.4	203.4	226.1	249.0	281.0
INPUT VOLTAGE (V)	CURRENT (A)									
120	0.62	0.73	0.88	1.10	1.28	1.46	1.70	1.88	2.08	2.34
208	0.36	0.42	0.51	0.63	0.74	0.84	0.98	1.09	1.20	1.35
240	0.31	0.36	0.44	0.55	0.64	0.73	0.85	0.94	1.04	1.17
277	0.27	0.31	0.38	0.48	0.55	0.63	0.73	0.82	0.90	1.01
347	0.36	0.42	0.51	0.63	0.74	0.84	0.98	1.09	1.20	1.35
480	0.15	0.18	0.22	0.27	0.32	0.37	0.42	0.47	0.52	0.59

# OF LEDS	120								
NOMINAL WATTAGE (W)	190	205	230	265	295	320	355	380	420
SYSTEM POWER (W)	189.8	206.0	230.3	263.2	296.5	322.0	356.3	382.3	421.6
INPUT VOLTAGE (V)	CURRENT (A)								
120	1.58	1.72	1.92	2.19	2.47	2.68	2.97	3.19	3.51
208	0.91	0.99	1.11	1.27	1.43	1.55	1.71	1.84	2.03
240	0.79	0.86	0.96	1.10	1.24	1.34	1.48	1.59	1.76
277	0.69	0.74	0.83	0.95	1.07	1.16	1.29	1.38	1.52
347	0.55	0.59	0.66	0.76	0.85	0.93	1.03	1.10	1.21
480	0.40	0.43	0.48	0.55	0.62	0.67	0.74	0.80	0.88

# OF LEDS	180								
NOMINAL WATTAGE (W)	275	295	335	360	395	435	470	510	550
SYSTEM POWER (W)	272.7	296.8	333.2	357.8	394.7	432.4	470.2	508.7	547.4
INPUT VOLTAGE (V)	CURRENT (A)								
120	2.27	2.47	2.78	2.98	3.29	3.60	3.92	4.24	4.56
208	1.31	1.43	1.60	1.72	1.90	2.08	2.26	2.45	2.63
240	1.14	1.24	1.39	1.49	1.64	1.80	1.96	2.12	2.28
277	0.98	1.07	1.20	1.29	1.42	1.56	1.70	1.84	1.98
347	0.79	0.86	0.96	1.03	1.14	1.25	1.36	1.47	1.58
480	0.57	0.62	0.69	0.75	0.82	0.90	0.98	1.06	1.14

**Job Name:**

NEW DENTAL OFFICE- HUDSON, OH
Architect: DISCRETIONARY/STOCK/DESIGN
BUILD
Engineer: DISCRETIONARY/STOCK/DESIGN

Catalog Number:

VP-SS-1-40L-80-3K7-4W-UNV-A-
DBT-MBC

Notes:

Type:**B**

LDI26-575216

**VIPER Area/Site**

VIPER LUMINAIRE

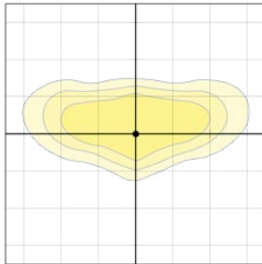
DATE: _____ LOCATION: _____

TYPE: _____ PROJECT: _____

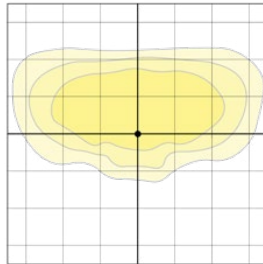
CATALOG #: _____

SILICONE OPTIC STRIKE PHOTOMETRY

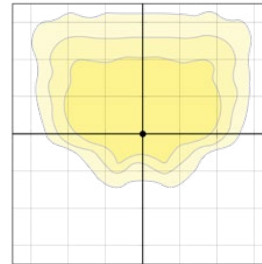
The following diagrams represent the general distribution options offered for this product. For detailed information on specific product configurations, see website photometric test reports.

Type 2

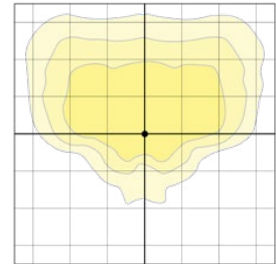
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Scale: 1 inch = 25 ft

Type 3

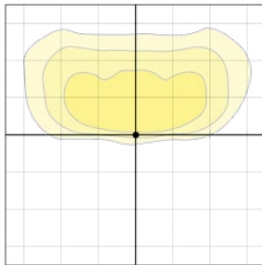
Mounting Height: 20 ft
Scale: 1 inch = 25 ft

Type 4 Forward

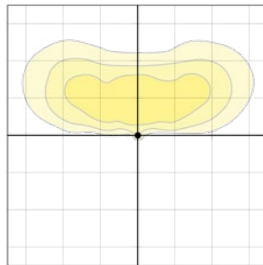
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Type 4 Wide

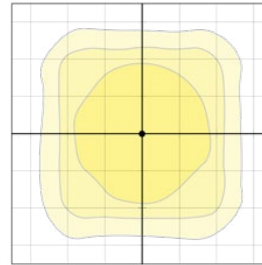
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Type 4WBC

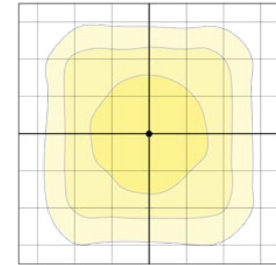
Mounting Height: 20 ft
Scale: 1 inch = 25 ft

Type 4WMB

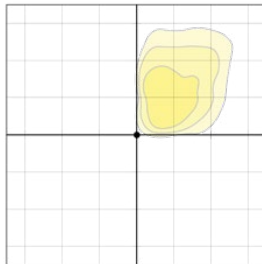
Mounting Height: 20 ft
Scale: 1 inch = 25 ft

Type 5QM

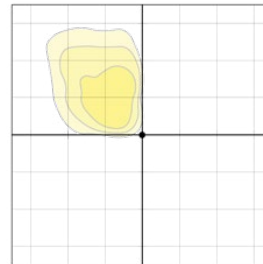
Mounting Height: 20 ft
Scale: 1 inch = 25 ft

Type 5QW

Mounting Height: 20 ft
Scale: 1 inch = 25 ft

Type LCC

Mounting Height: 20 ft
Scale: 1 inch = 25 ft

Type RCC

Mounting Height: 20 ft
Scale: 1 inch = 25 ft

**Job Name:**

NEW DENTAL OFFICE- HUDSON, OH
Architect: DISCRETIONARY/STOCK/DESIGN
BUILD
Engineer: DISCRETIONARY/STOCK/DESIGN

Catalog Number:

VP-SS-1-40L-80-3K7-4W-UNV-A-
DBT-MBC

Notes:

Type:**B**

LDI26-575216

**VIPER Area/Site**

VIPER LUMINAIRE

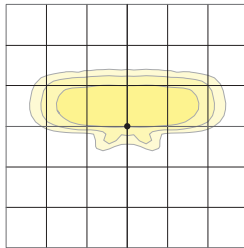
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TYPE: _____ PROJECT: _____

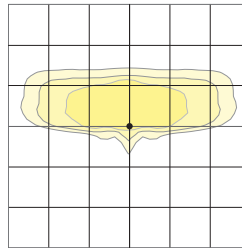
CATALOG #: _____

MICRO STRIKE PHOTOMETRY

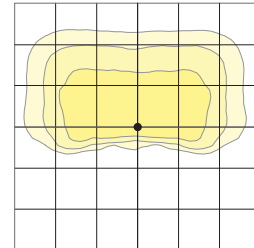
The following diagrams represent the general distribution options offered for this product. For detailed information on specific product configurations, see website photometric test reports.

Type 2

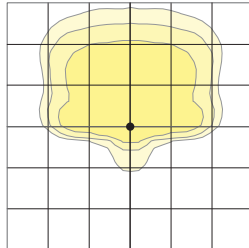
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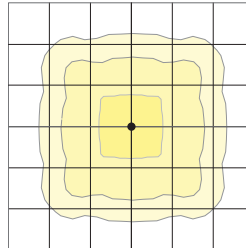
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 4 Wide

Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 4F

Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 5QW

Mounting Height: 20 ft
Scale: 1 inch = 20 ft



Lighting
Dynamics, Inc.
EST. 1996

Job Name:

NEW DENTAL OFFICE- HUDSON, OH
Architect: DISCRETIONARY/STOCK/DESIGN
BUILD
Engineer: DISCRETIONARY/STOCK/DESIGN

Catalog Number:

VP-SS-1-40L-80-3K7-4W-UNV-A-
DBT-MBC

Notes:

Type:**B**

LDI26-575216

**VIPER Area/Site**

VIPER LUMINAIRE

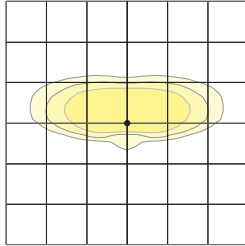
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TYPE: _____ PROJECT: _____

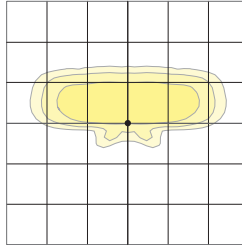
CATALOG #: _____

OPTIC STRIKE PHOTOMETRY

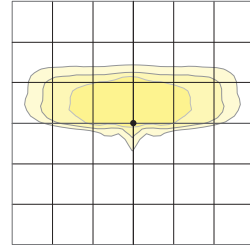
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Type FR – Front Row/Auto Optic

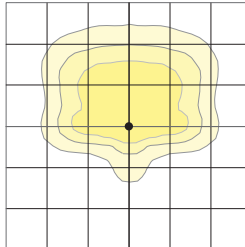
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Scale: 1 inch = 20 ft

Type 2

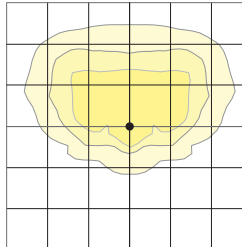
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Scale: 1 inch = 20 ft

Type 3

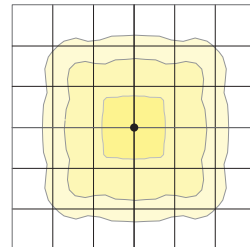
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 4 Forward

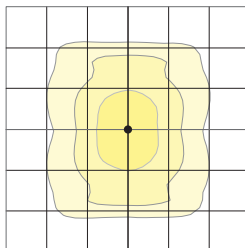
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Scale: 1 inch = 20 ft

Type 4 Wide

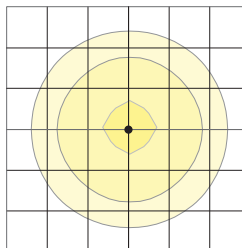
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 5QM

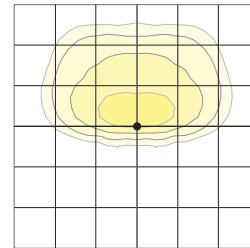
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Scale: 1 inch = 20 ft

Type 5RW (rectangular)

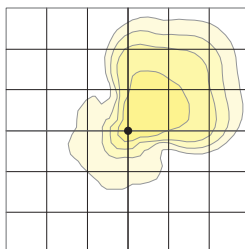
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 5W (round wide)

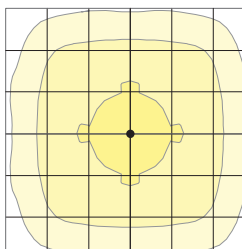
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Scale: 1 inch = 20 ft

Type TC

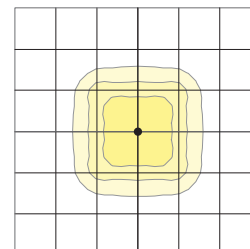
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type Corner

Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 5QW

Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 5QN

Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Current
currentlighting.com/beacon

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Rev 01/16/26

BEA_VIPERSPEC



Lighting
Dynamics, Inc.
EST. 1996

Job Name:

NEW DENTAL OFFICE- HUDSON, OH
Architect: DISCRETIONARY/STOCK/DESIGN
BUILD
Engineer: DISCRETIONARY/STOCK/DESIGN

Catalog Number:

VP-SS-1-40L-80-3K7-4W-UNV-A-
DBT-MBC

Notes:

Type:**B**

LDI26-575216

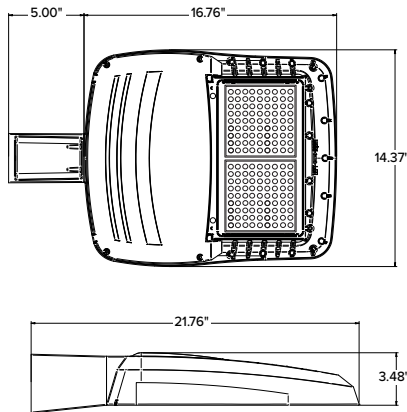
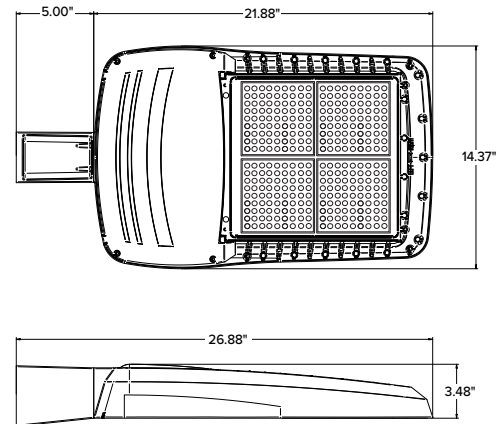
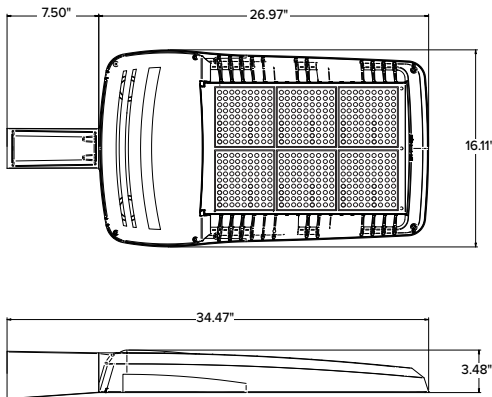
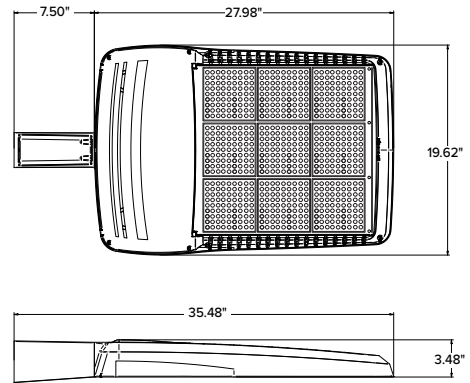
**VIPER Area/Site**

VIPER LUMINAIRE

DATE: _____ LOCATION: _____

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

**Job Name:**

NEW DENTAL OFFICE- HUDSON, OH
Architect: DISCRETIONARY/STOCK/DESIGN
BUILD
Engineer: DISCRETIONARY/STOCK/DESIGN

Catalog Number:

VP-SS-1-40L-80-3K7-4W-UNV-A-
DBT-MBC

Notes:

Type:**B**

LDI26-575216

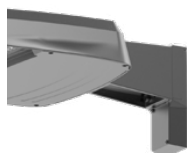
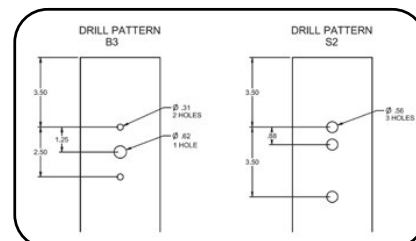
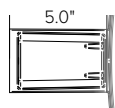
**VIPER Area/Site**

VIPER LUMINAIRE

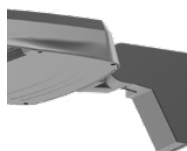
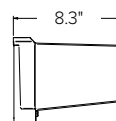
DATE: _____ LOCATION: _____
TYPE: _____ PROJECT: _____
CATALOG #: _____

MOUNTING**A-STRAIGHT ARM MOUNT**

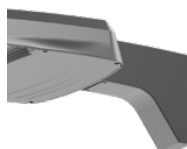
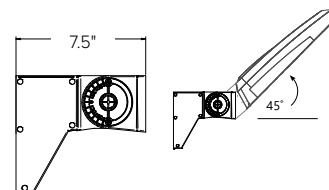
Fixture ships with integral arm for ease of installation. Compatible with Current Outdoor B3 drill pattern for ease of installation on square poles. For round poles add applicable suffix (2/3/4/5)

**ASQU-UNIVERSAL ARM MOUNT**

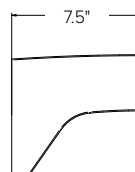
Universal mounting block for ease of installation. Compatible with drill patterns from 1.5" to 5.25" and Current drill pattern S2. For round poles add applicable suffix (2/3/4/5)

**AAU-ADJUSTABLE ARM FOR POLE MOUNTING**

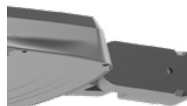
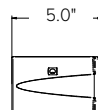
Rotatable arm mounts directly to pole. Compatible with drill patterns from 1.5" to 5.25" and Current drill pattern S2 and B3. For round poles add applicable suffix (2/3/4/5). Rotatable in 5° aiming angle increments. Micro Strike configurations have a 45° aiming limitation. Strike configurations have a 30° aiming limitation.

**ADU-DECORATIVE UPSWEPT ARM**

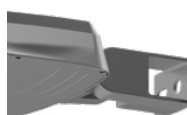
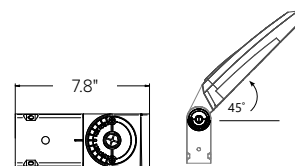
Upswept Arm compatible with drill patterns from 1.5" to 5.25" and Current drill pattern S2. For round poles add applicable suffix (2/3/4/5).

**MAF-MAST ARM FITTER**

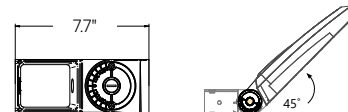
Fits 2-3/8" OD horizontal tenons.

**K-KNUCKLE**

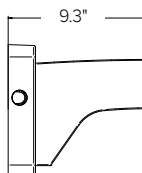
Rotatable in 5-degree aiming angle increments, fits 2-3/8" tenons or pipes. Micro Strike configurations have a 45° aiming limitation. Strike configurations have a 30° aiming limitation.

**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.



**Job Name:**

NEW DENTAL OFFICE- HUDSON, OH
Architect: DISCRETIONARY/STOCK/DESIGN
BUILD
Engineer: DISCRETIONARY/STOCK/DESIGN

Catalog Number:

VP-SS-1-40L-80-3K7-4W-UNV-A-
DBT-MBC

Notes:

Type:**B**

LDI26-575216

**VIPER Area/Site**

VIPER LUMINAIRE

DATE: _____ LOCATION: _____

TYPE: _____ PROJECT: _____

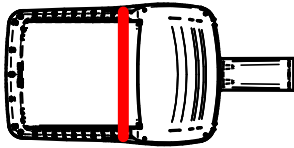
CATALOG #: _____

ADDITIONAL INFORMATION (CONTINUED)**HOUSE SIDE SHIELD FIELD INSTALL ACCESSORIES**

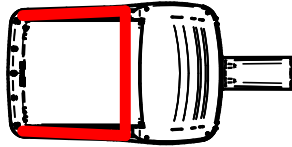
HSS has a depth of 5" for all Viper sizes

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

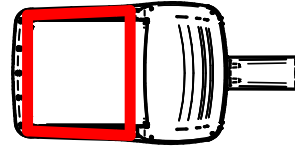
VPR2x HSS-90-B-xx



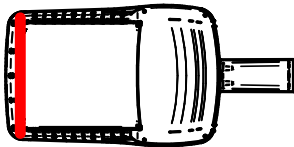
VPR2x HSS-270-BSS-xx



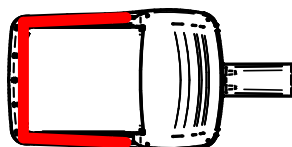
VPR2x HSS-360-xx



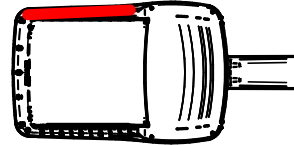
VPR2x HSS-90-F-xx



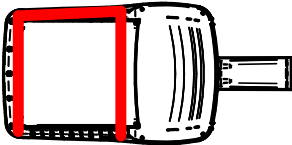
VPR2x HSS-270-FSS-xx



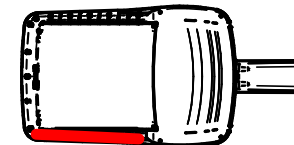
VPR2x HSS-90-S-xx



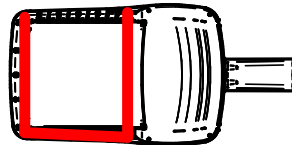
VPR2x HSS-270-FSB-xx



VPR2x HSS-90-S-xx



VPR2x HSS-270-FSB-xx





SSSB Series Poles

SQUARE STRAIGHT STEEL

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

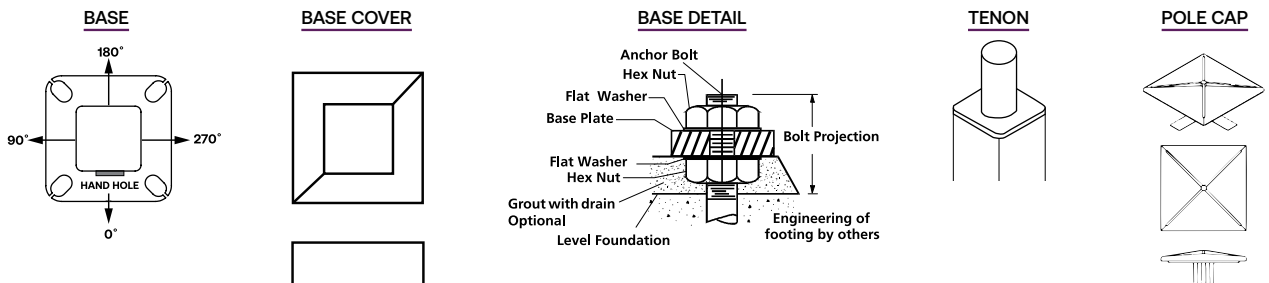
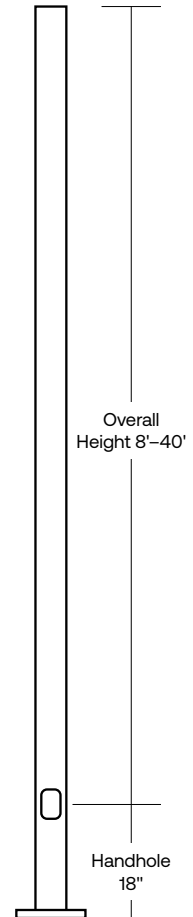
SPECIFICATIONS

CONSTRUCTION

- Shaft: One-piece straight steel with square cross section, flat sides and minimum 0.23" radius on all corners; Minimum yield of 46,000 psi (ASTM-A500, Grade B); Longitudinal weld seam to appear flush with shaft side wall; Steel base plate with axial bolt circle slots welded flush to pole shaft having minimum yield of 36,000 psi (ASTM A36)
- Base cover: Two-piece square aluminum base cover included standard
- Pole cap: Pole shaft supplied with removable cover when applicable; Tenon and post-top configurations also available
- Hand hole: Rectangular 3x5 steel hand hole frame (2.38" x 4.38" opening); Mounting provisions for grounding lug located behind gasketed cover
- Anchor bolts: Four galvanized anchor bolts provided per pole with minimum yield of 55,000 psi (ASTM F1554). Galvanized hardware with two washers and two nuts per bolt for leveling
 - Anchor bolt part numbers: 3/4 x 30 x 3 — TAB-30-M38
1 x 36 x 4 — TAB-36-M38
- Super Durable polyester-TGIC powder coat finish with nominal 3.0 mil thickness. Meets or exceeds AAMA 2604 standards.

INSTALLATION

- Lighting installations for side and top mounting of luminaires with effective projected area (EPA) not exceeding maximum allowable loading of the specified pole in its installed geographic location





SSSB Series Poles

SQUARE STRAIGHT STEEL

DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

ORDERING INFORMATION

Example: SSSB25-40A-2L-S2-DBT-UL

SSSB	16	40					
Series	Height	Shaft	Thickness	Mounting	Drill Pattern	Finish	Options
SSSB Square Straight Steel Pole Beacon	Reference page 3 Ordering matrix	Reference page 3 Ordering matrix	Reference page 3 Ordering matrix	1 Single arm mount 2 Two fixtures at 180° 2L Two fixtures at 90° 3T Three fixtures at 90° 4 Four fixtures at 90° TA Tenon (2.38" OD x 4" Tall) TB Tenon (2.88" OD x 4" Tall) TC Tenon (3.5" OD x 6" Tall) TR ¹ Removable Tenon (2.375" x 4.25") OT Open Top (includes pole cap)	B1 Cruiser, "AM" arm B3 2 bolt (2-1/2" spacing), Viper "A" arm S2 2 bolt (3-1/2" spacing), Viper "AD" arm UDP Universal Drill Pattern	BLT Black Matte Textured BLS Black Gloss Smooth DBT Dark Bronze Matte Textured DBS Dark Bronze Gloss Smooth GTT Graphite Matte Textured LGT Light Grey Matte Textured LGS Light Grey Gloss Smooth PSS Platinum Silver Smooth WHT White Matte Textured WHS White Gloss Smooth VGT Verde Green Textured Color Option CC Custom Color ²	GFI ³ 20 Amp GFCI Receptacle and Cover EHH ³ Extra Handhole C05 ³ 5" Coupling C07 ³ .75" Coupling C20 ³ 2" Coupling MPB ³ Mid-pole Luminaire Bracket VM1 ⁴ Mode vibration dampener VM2 ⁵ 2nd mode vibration dampener LAB Less Anchor Bolts UL ⁶ UL Certified

Accessories (Order Separately)

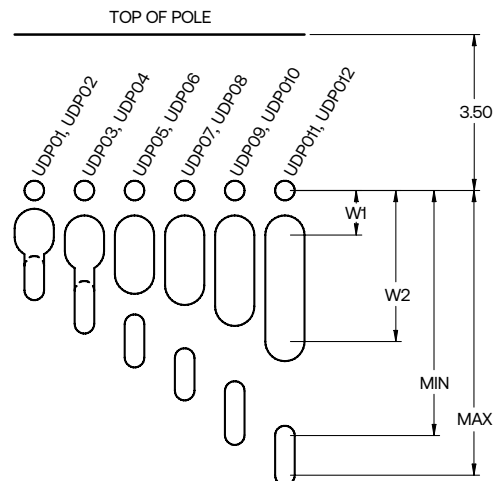
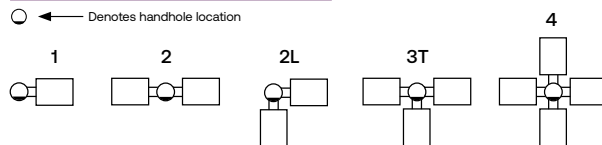
Part Number	Description
☐ A81999-0001	Field-installed 2nd mode vibration dampener - VM2S08
☐ A81999-0005	Field-installed 2nd mode vibration dampener - VM2S10
☐ A81999-0004	Field-installed 2nd mode vibration dampener - VM2S12
☐ A81999-0003	Field-installed 2nd mode vibration dampener - VM2S14
☐ A81999-0007	Field-installed 2nd mode vibration dampener - VM2S16
☐ A81999-0006	Field-installed 2nd mode vibration dampener - VM2S18
☐ A81999-0002	Field-installed 2nd mode vibration dampener - VM2S20
☐ A81999-0009	Field-installed 2nd mode vibration dampener - VM2S24
☐ A81999-0008	Field-installed 2nd mode vibration dampener - VM2S25

- Removable tenon used in conjunction with side arm mounting. First specify desired arm configuration followed by the "TR" notation. Example: SSS-B-25-40-A-1-B1-TR-BBTT.
- Custom colors available; RAL number preferable
- Specify option location using logic found on page 3 (Option Orientation).
- VM1 recommended on poles 20' and taller with EPA of less than 1.
- There will be a weld witness mark on the side of the pole with the Factory installed VM2
- UL not available with tenon on pole

DRILL PATTERNS

UNIVERSAL DRILL PATTERN (UDP)

MOUNTING ORIENTATION



Two Bolt Mounting with Center Wireway						
Mounting Hardware	Universal Mounting Patterns					
3/8" or less	UDP01	UDP03	UDP05	UDP07	UDP09	UDP011
7/8" to 1"	UDP02	UDP04	UDP06	UDP08	UDP10	UDP12
"Min" Attachment Dimension	1.69	2.25	3.00	3.76	4.50	5.50
"Max" Attachment Dimension	2.24	2.99	3.75	4.49	5.49	6.00
W1 (Wireway min)	0.85	1.00	1.00	1.00	1.00	1.00
W2 (Wireway max)	1.05	1.36	1.88	2.13	2.60	3.00

UDP to accommodate 3rd Party Luminaires. Current Brands only utilize exact drill patterns as published.



SSSB Series Poles

SQUARE STRAIGHT STEEL

DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

ORDERING INFORMATION (CONTINUED)

CATALOG NUMBER	HEIGHT		NOMINAL SHAFT DIMENSIONS	WALL THICKNESS	BOLT CIRCLE (SUGGESTED)	BOLT CIRCLE (RANGE)	BASE PLATE SQUARE	ANCHOR BOLT SIZE	BOLT PROJECTION	POLE WEIGHT (LBS)
	FEET	METERS								
SSSB10-40A	10	3.0	4" square	.0125"	9"	8" - 10"	9"	3/4" x 30" x 3"	3.5	77
SSSB12-40A	12	3.7	4" square	.0125"	9"	8" - 10"	9"	3/4" x 30" x 3"	3.5	90
SSSB14-40A	14	4.3	4" square	.0125"	9"	8" - 10"	9"	3/4" x 30" x 3"	3.5	103
SSSB16-40A	16	4.9	4" square	.0125"	9"	8" - 10"	9"	3/4" x 30" x 3"	3.5	116
SSSB18-40A	18	5.5	4" square	.0125"	9"	8" - 10"	9"	3/4" x 30" x 3"	3.5	129
SSSB20-40A	20	6.1	4" square	.0125"	9"	8" - 10"	9"	3/4" x 30" x 3"	3.5	142
SSSB25-40A	25	7.6	4" square	.0125"	9"	8" - 10"	9"	3/4" x 30" x 3"	3.5	175
SSSB14-40B	14	4.3	4" square	.188"	11"	10" - 12"	10.50"	3/4" x 30" x 3"	3.5	152
SSSB16-40B	16	4.9	4" square	.188"	11"	10" - 12"	10.50"	3/4" x 30" x 3"	3.5	171
SSSB18-40B	18	5.5	4" square	.188"	11"	10" - 12"	10.50"	3/4" x 30" x 3"	3.5	190
SSSB20-40B	20	6.1	4" square	.188"	11"	10" - 12"	10.50"	3/4" x 30" x 3"	3.5	209
SSSB25-40B	25	7.6	4" square	.188"	11"	10" - 12"	10.50"	3/4" x 30" x 3"	3.5	257
SSSB30-40B	30	9.1	4" square	.188"	11"	10" - 12"	10.50"	3/4" x 30" x 3"	3.5	304
SSSB16-50B	16	4.9	5" square	.188"	11"	10.25" - 13.25"	11.50"	1" x 36" x 4"	4.5	219
SSSB18-50B	18	5.5	5" square	.188"	11"	10.25" - 13.25"	11.50"	1" x 36" x 4"	4.5	243
SSSB20-50B	20	6.1	5" square	.188"	11"	10.25" - 13.25"	11.50"	1" x 36" x 4"	4.5	267
SSSB25-50B	25	7.6	5" square	.188"	11"	10.25" - 13.25"	11.50"	1" x 36" x 4"	4.5	327
SSSB30-50B	30	9.1	5" square	.188"	11"	10.25" - 13.25"	11.50"	1" x 36" x 4"	4.5	387
SSSB25-50C	25	7.6	5" square	.25"	11"	10.25" - 13.25"	11.50"	1" x 36" x 4"	4.5	427
SSSB30-50C	30	9.1	5" square	.25"	11"	10.25" - 13.25"	11.50"	1" x 36" x 4"	4.5	507
SSSB20-60B	20	6.1	6" square	.188"	12"	11.00" - 13.25"	12.25"	1" x 36" x 4"	4.5	329
SSSB25-60B	25	7.6	6" square	.188"	12"	11.00" - 13.25"	12.25"	1" x 36" x 4"	4.5	404
SSSB30-60B	30	9.1	6" square	.188"	12"	11.00" - 13.25"	12.25"	1" x 36" x 4"	4.5	479
SSSB35-60B	35	10.7	6" square	.188"	12"	11.00" - 13.25"	12.25"	1" x 36" x 4"	4.5	554
SSSB40-60B	40	12.2	6" square	.188"	12"	11.00" - 13.25"	12.25"	1" x 36" x 4"	4.5	629

- Notes:
- Factory supplied template must be used when setting anchor bolts. Current will deny any claim for incorrect anchorage placement resulting from failure to use factory supplied template and anchor bolts.
 - For more information about pole vibration and vibration dampeners, please consult factory.
 - Unwrap poles immediately upon receipt to avoid condensation build up and possible corrosion.
 - There will be a weld witness mark on the side of the pole with the Factory installed VM2.

EHH
Extra handhole

Provision for Grounding

C05 / C07 / C20
Coupling

2" -11.5 NPSC Threads
3/4" - 14 NPSC Threads
1/2" - 14 NPSC Threads

VM1
1st mode vibration dampener

Field Installed Pole Top dampener designed to reduce pole top deflection or sway. VM1 is recommended for pole systems 25' and taller for a total EPA of 1.0 or less.

VM2¹
2nd mode vibration dampener

Factory installed, internal dampener designed to alter pole resonance to reduce movement and material fatigue caused by 2nd mode vibration.

VM2SXX
Field-installed 2nd mode vibration dampener

VM2S08 - 8'
VM2S12 - 12'
VM2S16 - 16'
VM2S20 - 20'
VM2S24 - 24'

GFI
20 Amp GFCI Receptacle & Cover

Wet Locations In-use Cover

MPB
Mid Pole Bracket

Attachment stub, 5" long, welded to pole
2" pipe tenon, 4.25" tall
Arm, 3" Sq. x 13.5" long (ships separately)

Option Orientation

Follow the logic below when ordering location specific options. For each option, include its orientation (in degrees) and its height (in feet).

Example: Option C05 should be ordered as: SSSB20-40A-TA-DBT-C05-0-15 (5' coupling on the handhole side of pole, 15' up from the pole base) 1' spacing required between option. Consult factory for other configurations.

90° 180° 270° 0°
HAND HOLE

Height of option in feet



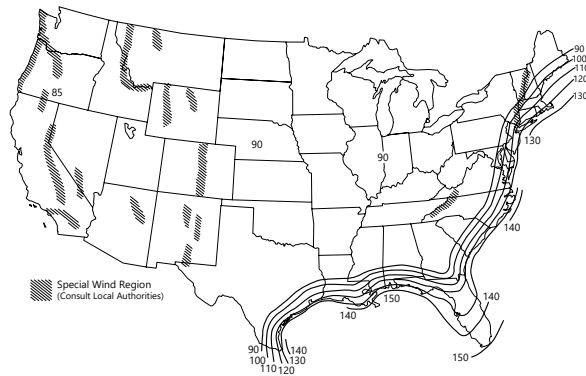
SSSB Series Poles

SQUARE STRAIGHT STEEL

DATE: LOCATION:
TYPE: PROJECT:
CATALOG #:

WIND MAPS

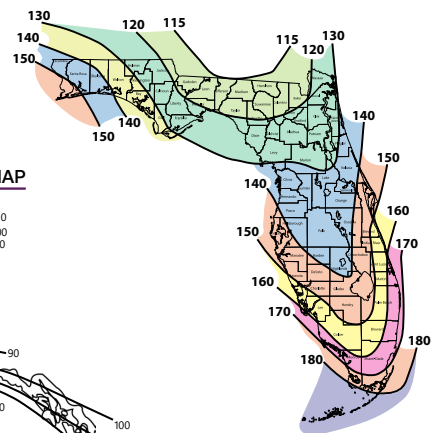
ASCE7-05 WIND MAP



HAWAII – 105 mph
PUERTO RICO – 145 mph

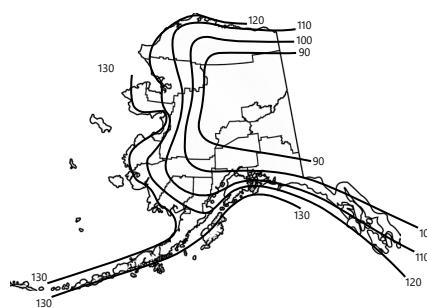
*Printed with permission from ASCE

FLORIDA REGION WIND MAP



Florida region wind map above is based upon 3-second gust winds and the 2017 Florida Building Code.

ALASKA REGION WIND MAP



ASCE 7-05 wind map EPA Load Rating - 3 second gust wind speeds (Use for all locations except Florida)										
Catalog Number	85	90	100	105	110	120	130	140	145	150
SSSB10-40A	25.0	25.0	25.0	22.8	20.6	17.0	14.2	11.9	11.0	10.1
SSSB12-40A	25.0	25.0	20.0	18.0	16.1	13.2	10.8	8.9	8.1	7.4
SSSB14-40A	23.1	20.4	16.1	14.3	12.8	10.2	8.2	6.6	5.9	5.3
SSSB16-40A	19.0	16.7	13.0	11.5	10.1	7.9	6.2	4.7	4.1	3.6
SSSB18-40A	15.6	13.6	10.0	9.0	7.8	5.9	4.4	3.1	2.6	2.1
SSSB20-40A	12.7	10.9	7.9	6.9	5.9	4.2	2.8	1.7	1.3	0.9
SSSB25-40A	7.3	5.9	3.8	2.9	2.1	0.8	NR	NR	NR	NR
SSSB14-40B	25.0	25.0	23.3	20.8	18.6	15.1	12.3	10.2	9.2	8.4
SSSB16-40B	25.0	24.9	19.4	17.3	15.4	12.3	9.9	8.0	7.2	6.4
SSSB18-40B	24.0	20.8	16.1	14.2	12.5	9.8	7.7	6.1	5.3	4.7
SSSB20-40B	20.2	17.5	13.2	11.6	10.1	7.7	5.9	4.4	3.8	3.2
SSSB25-40B	12.8	11.0	7.9	6.7	5.5	3.7	2.3	1.2	0.7	NR
SSSB30-40B	8.0	6.6	4.1	3.1	2.2	0.8	NR	NR	NR	NR
SSSB16-50B	25.0	25.0	25.0	25.0	24.8	20.1	16.5	13.6	12.3	11.2
SSSB18-50B	25.0	25.0	25.0	22.9	20.4	16.4	13.2	10.7	9.6	8.6
SSSB20-50B	25.0	25.0	21.3	18.9	16.7	13.2	10.4	8.1	7.2	6.3
SSSB25-50B	20.7	17.8	13.3	11.5	9.8	7.2	5.0	3.3	2.6	1.9
SSSB30-50B	13.5	11.3	7.7	6.2	4.9	2.8	1.1	NR	NR	NR
SSSB25-50C	25.0	25.0	19.4	17.1	15.1	11.7	9.0	6.9	6.0	5.1
SSSB30-50C	20.1	17.3	12.7	10.9	9.3	6.6	4.5	2.8	2.1	1.4
SSSB20-60B	25.0	25.0	25.0	25.0	25.0	20.2	16.1	12.9	11.5	10.3
SSSB25-60B	25.0	25.0	20.6	18.0	15.6	11.8	8.7	6.2	5.2	4.2
SSSB30-60B	21.4	18.1	12.9	10.7	8.8	5.7	3.3	1.3	NR	NR
SSSB35-60B	14.0	11.3	6.9	5.2	3.6	1.0	NR	NR	NR	NR
SSSB40-60B	8.1	5.8	2.2	nr	NR	NR	NR	NR	NR	NR

Florida Building Code 2017 EPA Load Rating - 3 second gust wind speeds (Use for Florida only)									
Catalog Number	115	120	130	140	150	160	170	180	
SSSB10-40A	25.0	25.0	25.0	25.0	21.4	18.4	15.9	13.9	
SSSB12-40A	25.0	25.0	23.6	19.8	16.7	14.2	12.1	10.4	
SSSB14-40A	25.0	23.1	19.0	15.7	13.1	10.9	9.1	7.6	
SSSB16-40A	20.8	18.7	15.2	12.3	10.1	8.2	6.7	5.4	
SSSB18-40A	16.8	15.0	11.9	9.4	7.5	5.9	4.5	3.4	
SSSB20-40A	13.6	11.9	9.2	7.1	5.3	3.9	2.7	1.7	
SSSB25-40A	7.4	6.2	4.1	2.5	1.1	NR	NR	NR	
SSSB14-40B	25.0	23.6	19.4	16.1	13.4	11.2	9.4	7.8	
SSSB16-40B	21.4	19.2	15.6	12.7	10.4	8.5	6.9	5.6	
SSSB18-40B	17.2	15.4	12.2	9.7	7.7	6.1	4.7	3.6	
SSSB20-40B	13.9	12.3	9.5	7.3	5.5	4.1	2.9	1.9	
SSSB25-40B	7.7	6.4	4.3	2.6	1.3	NR	NR	NR	
SSSB30-40B	3.2	2.1	NR	NR	NR	NR	NR	NR	
SSSB16-50B	25.0	25.0	25.0	25.0	21.4	18.2	15.5		
SSSB18-50B	25.0	25.0	25.0	24.4	20.4	17.0	14.2	11.9	
SSSB20-50B	25.0	25.0	24.4	19.9	16.3	13.4	11.0	8.9	
SSSB25-50B	21.8	19.3	15.0	11.5	8.8	6.5	4.7	3.1	
SSSB30-50B	13.7	11.7	8.2	5.5	3.3	1.5	NR	NR	
SSSB25-50C	21.8	19.3	15.0	11.5	8.8	6.5	4.7	3.1	
SSSB30-50C	13.7	11.7	8.2	5.5	3.3	1.5	NR	NR	
SSSB20-60B	25.0	25.0	25.0	21.9	17.8	14.5	11.7	9.4	
SSSB25-60B	23.8	20.9	16.1	12.3	9.2	6.6	4.5	2.8	
SSSB30-60B	14.6	12.3	8.4	5.3	2.8	0.8	NR	NR	
SSSB35-60B	7.5	5.6	2.4	NR	NR	NR	NR	NR	
SSSB40-60B	1.8	NR	NR	NR	NR	NR	NR	NR	

Submitted by Lighting Dynamics, Inc.		Catalog Number: SSSB16-40A-1-XX-DBT Notes:	Type: B
 Lighting Dynamics, Inc. EST. 1996	Job Name: NEW DENTAL OFFICE- HUDSON, OH Architect: DISCRETIONARY/STOCK/DESIGN BUILD Engineer: DISCRETIONARY/STOCK/DESIGN		



SSSB Series Poles

SQUARE STRAIGHT STEEL

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

NOTES

Wind-speed Website disclaimer:

Current has no connection to the linked website and makes no representations as to its accuracy. While the information presented on this third party website provides a useful starting point for analyzing wind conditions, Current has not verified any of the information on this third party website and assumes no responsibility or liability for its accuracy. The material presented in the windspeed website should not be used or relied upon for any specific application without competent examination and verification of its accuracy, suitability and applicability by engineers or other licensed professionals. Current does not intend that the use of this information replace the sound judgment of such competent professionals, having experience and knowledge in the field of practice, nor to substitute for the standard of care required of such professionals in interpreting and applying the results of the windspeed report provided by this website. Users of the information from this third party website assume all liability arising from such use. Use of the output of these referenced websites do not imply approval by the governing building code bodies responsible for building code approval and interpretation for the building site described by latitude/longitude location in the windspeed report. <http://windspeed.atcouncil.org>

- Allowable EPA, to determine max pole loading weight, multiply allowable EPA by 30 lbs.
- The tables for allowable pole EPA are based on the ASCE 7-05 Wind Map or the Florida Region Wind Map for the 2010 Florida Building Code. The Wind Maps are intended only as a general guide and cannot be used in conjunction with other maps. Always consult local authorities to determine maximum wind velocities, gusting and unique wind conditions for each specific application
- Allowable pole EPA for jobsite wind conditions must be equal to or greater than the total EPA for fixtures, arms, and accessories to be assembled to the pole. Responsibility lies with the specifier for correct pole selection. Installation of poles without luminaires or attachment of any unauthorized accessories to poles is discouraged and shall void the manufacturer's warranty
- Wind speeds and listed EPAs are for ground mounted installations. Poles mounted on structures (such as bridges and buildings) must consider vibration and coefficient of height factors beyond this general guide; Consult local and federal standards
- Wind Induced Vibration brought on by steady, unidirectional winds and other unpredictable aerodynamic forces are not included in wind velocity ratings. Consult Current Lighting's Pole Vibration Application Guide for environmental risk factors and design considerations.
- Extreme Wind Events like, Hurricanes, Typhoons, Cyclones, or Tornadoes may expose poles to flying debris, wind shear or other detrimental effects not included in wind velocity ratings

**Job Name:**

NEW DENTAL OFFICE- HUDSON, OH
Architect: DISCRETIONARY/STOCK/DESIGN
BUILD
Engineer: DISCRETIONARY/STOCK/DESIGN

Catalog Number:

WS-W17214

Notes:

Type:**C**

LDI26-575216

WAC LIGHTING

Amherst

Outdoor Wall Sconce 3000K

Fixture Type:

Catalog Number:

Project:

Location:

Model & Size	Color Temp	Finish	LED Watts	LED Lumens	Delivered Lumens
WS-W17214 14"	3000K	BK Black	16W	1426	366

Example: **WS-W17214-BK**For custom requests please contact customs@wacighting.com**DESCRIPTION**

A timeless classic lantern meets modern LED technology with a clear seeded glass lens and an open bottom for easy maintenance.

FEATURES

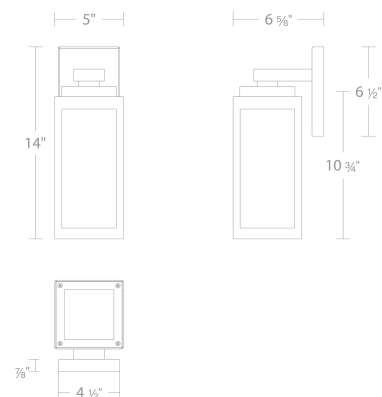
- Downlight illumination
- Open bottom for ease of maintenance
- ACLED driverless technology
- 5 Year warranty

SPECIFICATIONS

Color Temp:	3000K
Input:	120 VAC,50/60Hz
CRI:	90
Dimming:	ELV: 100-10% ,TRIAC: 100-10%
Rated Life:	50000 Hours
Mounting:	Can be mounted on wall in all orientations
Standards:	ETL, cETL,IP65
	Wet Location Listed
Construction:	Aluminum body, seeded clear glass diffuser

**FINISHES:**

Black

LINE DRAWING:

WS-W17214

**Job Name:**

NEW DENTAL OFFICE- HUDSON, OH
Architect: DISCRETIONARY/STOCK/DESIGN
BUILD
Engineer: DISCRETIONARY/STOCK/DESIGN

Catalog Number:

WS-W17214

Notes:

Type:**C**

LDI26-575216

WAC LIGHTING

Amherst

Outdoor Wall Sconce 3000K

Fixture Type:

Catalog Number:

Project:

Location:

Model & Size	Color Temp	Finish	LED Watts	LED Lumens	Delivered Lumens
WS-W17218 18"	3000K	BK Black	19W	1741	490

Example: **WS-W17218-BK**For custom requests please contact customs@wacighting.com**DESCRIPTION**

A timeless classic lantern meets modern LED technology with a clear seeded glass lens and an open bottom for easy maintenance.

FEATURES

- Downlight illumination
- Open bottom for ease of maintenance
- ACLED driverless technology
- 5 Year warranty

SPECIFICATIONS

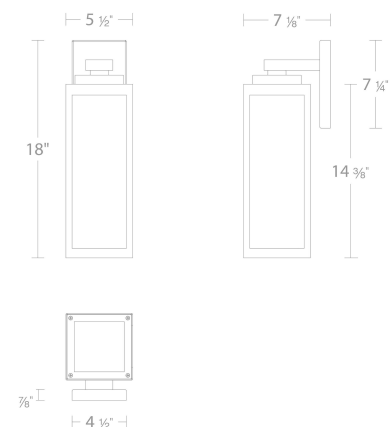
Color Temp:	3000K
Input:	120 VAC,50/60Hz
CRI:	90
Dimming:	ELV: 100-10% ,TRIAC: 100-10%
Rated Life:	50000 Hours
Mounting:	Can be mounted on wall in all orientations
Standards:	ETL, cETL,IP65
	Wet Location Listed
Construction:	Aluminum body, seeded clear glass diffuser

REPLACEMENT PARTS

RPL-GLA-17218 - Glass

**FINISHES:**

Black

LINE DRAWING:

WS-W17218

**Job Name:**

NEW DENTAL OFFICE- HUDSON, OH
Architect: DISCRETIONARY/STOCK/DESIGN
BUILD
Engineer: DISCRETIONARY/STOCK/DESIGN

Catalog Number:

WS-W17214

Notes:

Type:**C**

LDI26-575216

WAC LIGHTING

Amherst

Outdoor Wall Sconce 3000K

Fixture Type:

Catalog Number:

Project:

Location:

Model & Size	Color Temp	Finish	LED Watts	LED Lumens	Delivered Lumens
WS-W17222 22"	3000K	BK Black	20W	1843	452

Example: **WS-W17222-BK**For custom requests please contact customs@wacighting.com**DESCRIPTION**

A timeless classic lantern meets modern LED technology with a clear seeded glass lens and an open bottom for easy maintenance.

FEATURES

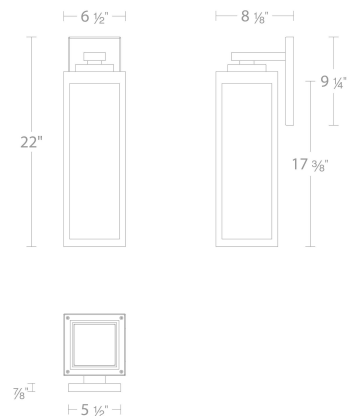
- Downlight illumination
- Open bottom for ease of maintenance
- ACLED driverless technology
- 5 Year warranty

SPECIFICATIONS

Color Temp:	3000K
Input:	120 VAC,50/60Hz
CRI:	90
Dimming:	ELV: 100-10% ,TRIAC: 100-10%
Rated Life:	50000 Hours
Mounting:	Can be mounted on wall in all orientations
Standards:	ETL, cETL,IP65
	Wet Location Listed
Construction:	Aluminum body, seeded clear glass diffuser

**FINISHES:**

Black

LINE DRAWING:

WS-W17222

REPLACEMENT PARTS

RPL-GLA-17222 - Glass

**Job Name:**
 NEW DENTAL OFFICE- HUDSON, OH
 Architect: DISCRETIONARY/STOCK/DESIGN
 BUILD
 Engineer: DISCRETIONARY/STOCK/DESIGN
Catalog Number:

WS-W17218

Notes:

Type:**D**

LDI26-575216

WAC LIGHTING

Amherst

Outdoor Wall Sconce 3000K

Fixture Type:

Catalog Number:

Project:

Location:

Model & Size	Color Temp	Finish	LED Watts	LED Lumens	Delivered Lumens
WS-W17214 14"	3000K	BK Black	16W	1426	366

Example: **WS-W17214-BK**For custom requests please contact customs@wacighting.com**DESCRIPTION**

A timeless classic lantern meets modern LED technology with a clear seeded glass lens and an open bottom for easy maintenance.

FEATURES

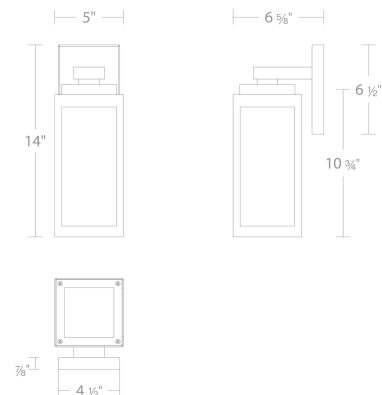
- Downlight illumination
- Open bottom for ease of maintenance
- ACLED driverless technology
- 5 Year warranty

SPECIFICATIONS

Color Temp:	3000K
Input:	120 VAC, 50/60Hz
CRI:	90
Dimming:	ELV: 100-10% , TRIAC: 100-10%
Rated Life:	50000 Hours
Mounting:	Can be mounted on wall in all orientations
Standards:	ETL, cETL, IP65
	Wet Location Listed
Construction:	Aluminum body, seeded clear glass diffuser

**FINISHES:**

Black

LINE DRAWING:

WS-W17214

REPLACEMENT PARTS

RPL-GLA-17214 - Glass

**Job Name:**
 NEW DENTAL OFFICE- HUDSON, OH
 Architect: DISCRETIONARY/STOCK/DESIGN
 BUILD
 Engineer: DISCRETIONARY/STOCK/DESIGN
Catalog Number:

WS-W17218

Notes:

Type:**D**

LDI26-575216

WAC LIGHTING

Amherst

Outdoor Wall Sconce 3000K

Fixture Type:

Catalog Number:

Project:

Location:

Model & Size	Color Temp	Finish	LED Watts	LED Lumens	Delivered Lumens
WS-W17218 18"	3000K	BK Black	19W	1741	490

Example: **WS-W17218-BK**For custom requests please contact customs@waclighting.com**DESCRIPTION**

A timeless classic lantern meets modern LED technology with a clear seeded glass lens and an open bottom for easy maintenance.

FEATURES

- Downlight illumination
- Open bottom for ease of maintenance
- ACLED driverless technology
- 5 Year warranty

SPECIFICATIONS

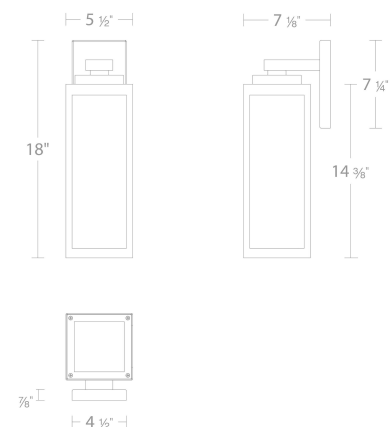
Color Temp:	3000K
Input:	120 VAC, 50/60Hz
CRI:	90
Dimming:	ELV: 100-10% , TRIAC: 100-10%
Rated Life:	50000 Hours
Mounting:	Can be mounted on wall in all orientations
Standards:	ETL, cETL, IP65
	Wet Location Listed
Construction:	Aluminum body, seeded clear glass diffuser

REPLACEMENT PARTS

RPL-GLA-17218 - Glass

**FINISHES:**

Black

LINE DRAWING:

WS-W17218

**Job Name:**

NEW DENTAL OFFICE- HUDSON, OH
Architect: DISCRETIONARY/STOCK/DESIGN
BUILD
Engineer: DISCRETIONARY/STOCK/DESIGN

Catalog Number:

WS-W17218

Notes:

Type:**D**

LDI26-575216

WAC LIGHTING

Amherst

Outdoor Wall Sconce 3000K

Fixture Type:

Catalog Number:

Project:

Location:

Model & Size	Color Temp	Finish	LED Watts	LED Lumens	Delivered Lumens
WS-W17222 22"	3000K	BK Black	20W	1843	452

Example: **WS-W17222-BK**For custom requests please contact customs@wacighting.com**DESCRIPTION**

A timeless classic lantern meets modern LED technology with a clear seeded glass lens and an open bottom for easy maintenance.

FEATURES

- Downlight illumination
- Open bottom for ease of maintenance
- ACLED driverless technology
- 5 Year warranty

SPECIFICATIONS

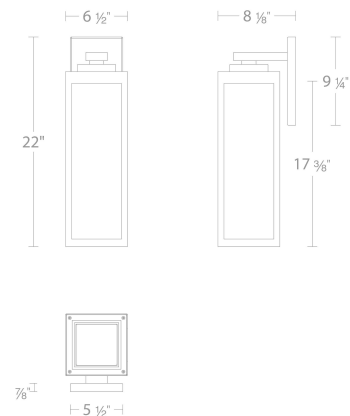
Color Temp:	3000K
Input:	120 VAC,50/60Hz
CRI:	90
Dimming:	ELV: 100-10% ,TRIAC: 100-10%
Rated Life:	50000 Hours
Mounting:	Can be mounted on wall in all orientations
Standards:	ETL, cETL,IP65
	Wet Location Listed
Construction:	Aluminum body, seeded clear glass diffuser

REPLACEMENT PARTS

RPL-GLA-17222 - Glass

**FINISHES:**

Black

LINE DRAWING:

WS-W17222

**Job Name:**
 NEW DENTAL OFFICE- HUDSON, OH
 Architect: DISCRETIONARY/STOCK/DESIGN
 BUILD
 Engineer: DISCRETIONARY/STOCK/DESIGN


LIGHTSCAPER®

LSP-LSCS SERIES - FLOODLIGHT

FEATURES

- Architectural Form Factor perfect for illuminating signage, building façade or landscapes
- Field Selectable CCT (3K, 4K, 5K) and Lumens (1000lm, 2000lm)
- Wide 7x6 distribution
- Standard Knuckle Mount
- 120-277 Volt
- Standard Bronze Finish
- Low Wattage, Low Lumen Flood


 DATE: _____ LOCATION: _____
 TYPE: _____ PROJECT: _____
 CATALOG #: _____
tradeSELECT™

Front



Back

SPECIFICATIONS**CONSTRUCTION**

- Rugged die-cast aluminum housing
- Tempered Glass lens
- Lumen and CCT switches are accessible without removing any hardware, making it easy to adjust the product even after installation
- Dark bronze matte texture powder coat paint finish provides durable and lasting appearance

OPTICS

- CCT Selectable-3K, 4K, 5K
- Wide lens covers set back distance with uniform light
- 1000/2000 Lumens
- Efficacy up to 128 LPW

INSTALLATION

- Knuckle mount: Universal ½" 14 NPS swivel knuckle has serrated teeth for sure aiming

ELECTRICAL

- 0-10 Volt Dimming Driver
- Lumen and CCT Switchable
- Universal voltage driver is 120-277 Volt
- Ambient Operating Temperature -40°C to 40°C
- 3 kV Surge

CERTIFICATIONS

- DLC® (DesignLights Consortium) Qualified. Please refer to the DLC (DLC) premium qualifications, consult DLC website for more details: <http://www.designlights.org/QPL>
- Listed to UL1598 for use in wet locations
- IP66
- FCC Title 47 Part 15

WARRANTY

- 5 year warranty

KEY DATA

KEY DATA	
Lumen Range	984–2009
Wattage Range	8–16
Efficacy Range (LPW)	116–128
Fixture Projected Life (Hours)	>60K
Weights lbs. (kg)	3.42 (1.55)

ORDERING GUIDE**STOCK ORDERING INFORMATION**

Catalog Number	Mounting	CRI	CCT	Lumens	Distribution	Wattage	Voltage	LPW	Finish
LSP-LSCS	Knuckle	70	3000K/4000K/ 5000K	984-2009	Wide	8-16	120-277V	116-128	Bronze



LIGHTSCAPER

LSP-LSCS SERIES - FLOODLIGHT

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

PERFORMANCE DATA

Description	Nominal Wattage	Dist. Type	Field Angle H x V	5K (5000K NOMINAL 70 CRI)			4K (4000K NOMINAL 70 CRI)			3K (3000K NOMINAL 70 CRI)		
				Lumens	LPW	Max Beam Candlepower	Lumens	LPW	Max Beam Candlepower	Lumens	LPW	Max Beam Candlepower
LSP-LSCS	8	7 X 6	146 x 122	1025	126	541	1015	128	547	984	122	540
	16	7 X 6	146 x 122	2009	120	1050	1991	125	1081	1906	116	1044

ELECTRICAL DATA

Nominal Wattage	Input Voltage	Oper. Current (Amps)	System Power (Watts)
LSPS	120	0.07	8.1
	208	0.04	
	240	0.03	
	277	0.03	
	120	0.14	16.5
	208	0.08	
	240	0.07	
	277	0.06	

PROJECTED LUMEN MAINTENANCE

Ambient Temperature	OPERATING HOURS					
	0	25,000	TM-21-11 36,000	50,000	100,000	L70 (Hours)
25°C / 77°F	1.00	0.94	0.92	0.89	0.79	152,000
40°C / 104°F	0.99	0.93	0.91	0.88	0.78	149,000

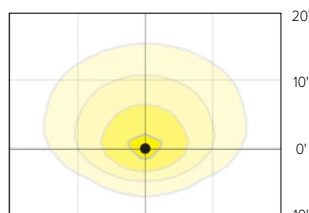
LUMINAIRE AMBIENT TEMPERATURE FACTOR (LATF)

Ambient Temperature		Lumen Multiplier
30°C	86°F	0.99
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
30°C	86°F	0.99

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

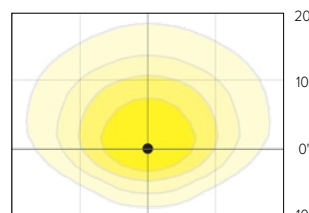
PHOTOMETRY

LSP-LSCS-4K-1000



Mounting Distance: 15'
Tilt Angle: 20°

LSP-LSCS-4K-2000



Mounting Distance: 15'
Tilt Angle: 20°

**Job Name:**

NEW DENTAL OFFICE- HUDSON, OH
Architect: DISCRETIONARY/STOCK/DESIGN
BUILD
Engineer: DISCRETIONARY/STOCK/DESIGN

Catalog Number:
LSP-LSCS

Notes:

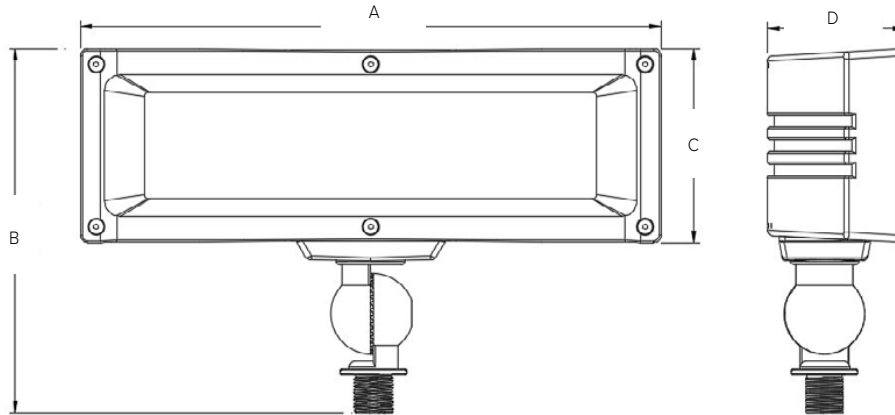
Type:**F**

LDI26-575216



LIGHTSCAPER

LSP-LSCS SERIES - FLOODLIGHT

DIMENSIONS

A	B	C	D	Weight
12" (304.69mm)	7.5" (190.85mm)	4" (101.49mm)	2.83" (71.88mm)	4.42lbs (1.55kg)



Color temperature and lumen switches are controlled by rocker switches located on the exterior of the product so no tools are needed to utilize these features.

USE OF TRADEMARKS AND TRADE NAMES

All product and company names, logos and product identifies are trademarks ™ or registered trademarks ® of Current or their respective owners. Use of them does not necessarily imply any affiliation with or endorsement by such respective owners.

Current

currentlighting.com/exo

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Page 3 of 3

Rev 07/27/22

Lightscaper_Spec_Sheet_R01

**Job Name:**

NEW DENTAL OFFICE- HUDSON, OH
Architect: DISCRETIONARY/STOCK/DESIGN
BUILD
Engineer: DISCRETIONARY/STOCK/DESIGN

Catalog Number:

5012-30BZ

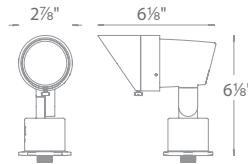
Notes:

Type:**G**

LDI26-575216

ACCENT 120V

5012

Fixture Type: Catalog Number: Project: Location: **WAC**

LANDSCAPE LIGHTING

PRODUCT DESCRIPTION

Landscape accent luminaire. Simple to retrofit existing line voltage systems or coordinate well with a new commercial landscape installation.

FEATURES

- Adjustable and lockable beam angle
- Integral dimmer
- IP66 rated, Protected against high-pressure water jets
- Includes a detachable shroud
- Solid diecast brass or corrosion resistant aluminum
- Factory sealed water tight fixtures
- Detachable shroud, 6' lead wire and wire nuts included
- Maintains constant lumen output against voltage drop
- UL 1598 Listed
- Not suitable to use with external dimmers
- Integrated LED

SPECIFICATIONS

Input: 110V - 120VAC
Power: 3.5W to 14.5W (Use VA value for sizing the transformer and calculate voltage drop.)
Brightness: 100 lm to 900 lm
Beam Angle: 15° to 60°
CRI: 85
Rated Life: 45,000 hours

ORDERING NUMBER

Color Temp				Finish	
5012	Accent 120V	30	3000K	BK	Black on Aluminum
				BZ	Bronze on Aluminum
				BBR	Bronze on Brass

5012-30_____Example: **5012-30BBR**

wacighting.com
Phone (800) 526.2588
Fax (800) 526.2585

Headquarters, East Manufacturing Facility
44 Harbor Park Drive
Port Washington, NY 11050

South East Manufacturing Facility
1600 Distribution Ct
Lithia Springs, GA 30122

Central Manufacturing Facility
1700 South J Elmer Freeway, Ste 100
Cedar Hill, TX 75104

West Manufacturing Facility
1750 S Archibald Ave
Ontario, CA 91761

WAC Lighting retains the right to modify the design of our products at any time as part of the company's continuous improvement program. JAN 2023

ACCENT 120V 5012

WAC LANDSCAPE LIGHTING

Accessories

Power Stake		M6000-STAKE	PVC	Easy wiring accessory designed for 12V & 120V products Eliminates the need for a separate Junction box	
Accent Snoot		5010-SNOOT-BK 5010-SNOOT-BZ 5010-SNOOT-BBR	Black on Aluminum Bronze on Aluminum Bronze on Brass	Shields lamp and reduces glare	
6" Long Shroud		5010-LSHR-BK 5010-LSHR-BZ 5010-LSHR-BBR	Black on Aluminum Bronze on Aluminum Bronze on Brass	Reduce glare. Ideal for downlighting application	
Gutter Mount Bracket		5000-GM-BZ 5000-GM-BK	Stainless Steel	Stainless Steel universal mounting bracket for gutter mounting fixture	
Tree Mount Junction Box		5000-TCP-BZ 5000-TCP-BK	Bronze on Aluminum Black on Aluminum	Bronze on Aluminum box with Stainless steel mounting screws. Two ½" NPT threaded holes	
Optics		LENS-20-AMB LENS-20-GRN LENS-20-RED	Amber Green Red	LENS-20-BLU LENS-20-FR LENS-20-SPR	Blue Frosted Spread Enhances saturation of florals and foliage
Extension Rods		5000-X04-BZ 5000-X04-BK 5000-X08-BZ 5000-X08-BK 5000-X12-BZ 5000-X12-BK	4 in 4 in 8 in 8 in 12 in 12 in	5000-X18-BZ 5000-X18-BK 5000-X24-BZ 5000-X24-BK	18 in 18 in 24 in 24 in Extends distance between Accent light and Surface Mount Canopy, Stake, or Tree Mount box
Rod L-Coupler		5000-LCO-BZ	Bronze		

wacighting.com
Phone (800) 526.2588
Fax (800) 526.2585

Headquarters, East Manufacturing Facility
44 Harbor Park Drive
Port Washington, NY 11050

South East Manufacturing Facility
1600 Distribution Ct
Lithia Springs, GA 30122

Central Manufacturing Facility
1700 South J Elmer Freeway, Ste 100
Cedar Hill, TX 75104

West Manufacturing Facility
1750 S Archibald Ave
Ontario, CA 91761

WAC Lighting retains the right to modify the design of our products at any time as part of the company's continuous improvement program. MARCH 2023

ACCENT 120V 5012

WAC LANDSCAPE LIGHTING

Accessories

Power Stake		M6000-STAKE	PVC	Easy wiring accessory designed for 12V & 120V products Eliminates the need for a separate Junction box	
Accent Snoot		5010-SNOOT-BK 5010-SNOOT-BZ 5010-SNOOT-BBR	Black on Aluminum Bronze on Aluminum Bronze on Brass	Shields lamp and reduces glare	
6" Long Shroud		5010-LSHR-BK 5010-LSHR-BZ 5010-LSHR-BBR	Black on Aluminum Bronze on Aluminum Bronze on Brass	Reduce glare. Ideal for downlighting application	
Gutter Mount Bracket		5000-GM-BZ 5000-GM-BK	Stainless Steel	Stainless Steel universal mounting bracket for gutter mounting fixture	
Tree Mount Junction Box		5000-TCP-BZ 5000-TCP-BK	Bronze on Aluminum Black on Aluminum	Bronze on Aluminum box with Stainless steel mounting screws. Two ½" NPT threaded holes	
Optics		LENS-20-AMB LENS-20-GRN LENS-20-RED	Amber Green Red	LENS-20-BLU LENS-20-FR LENS-20-SPR	Blue Frosted Spread Enhances saturation of florals and foliage
Extension Rods		5000-X04-BZ 5000-X04-BK 5000-X08-BZ 5000-X08-BK 5000-X12-BZ 5000-X12-BK	4 in 4 in 8 in 8 in 12 in 12 in	5000-X18-BZ 5000-X18-BK 5000-X24-BZ 5000-X24-BK	18 in 18 in 24 in 24 in Extends distance between Accent light and Surface Mount Canopy, Stake, or Tree Mount box
Rod L-Coupler		5000-LCO-BZ	Bronze		

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Ontario, CA 91761

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**Job Name:**
 NEW DENTAL OFFICE- HUDSON, OH
 Architect: DISCRETIONARY/STOCK/DESIGN
 BUILD
 Engineer: DISCRETIONARY/STOCK/DESIGN

Catalog Number:
5010-SNOOT-BZ

Notes:

Type:**G**

LDI26-575216

ACCENT 120V

5012

WAC

LANDSCAPE LIGHTING

Accessories

Power Stake		M6000-STAKE	PVC	Easy wiring accessory designed for 12V & 120V products Eliminates the need for a separate Junction box	
Accent Snoot		5010-SNOOT-BK 5010-SNOOT-BZ 5010-SNOOT-BBR	Black on Aluminum Bronze on Aluminum Bronze on Brass	Shields lamp and reduces glare	
6" Long Shroud		5010-LSHR-BK 5010-LSHR-BZ 5010-LSHR-BBR	Black on Aluminum Bronze on Aluminum Bronze on Brass	Reduce glare. Ideal for downlighting application	
Gutter Mount Bracket		5000-GM-BZ 5000-GM-BK	Stainless Steel	Stainless Steel universal mounting bracket for gutter mounting fixture	
Tree Mount Junction Box		5000-TCP-BZ 5000-TCP-BK	Bronze on Aluminum Black on Aluminum	Bronze on Aluminum box with Stainless steel mounting screws. Two 1/2" NPT threaded holes	
Optics		LENS-20-AMB LENS-20-GRN LENS-20-RED	Amber Green Red	LENS-20-BLU LENS-20-FR LENS-20-SPR	Blue Frosted Spread Enhances saturation of florals and foliage
Extension Rods		5000-X04-BZ 5000-X04-BK 5000-X08-BZ 5000-X08-BK 5000-X12-BZ 5000-X12-BK	4 in 4 in 8 in 8 in 12 in 12 in	5000-X18-BZ 5000-X18-BK 5000-X24-BZ 5000-X24-BK	18 in 18 in 24 in 24 in Extends distance between Accent light and Surface Mount Canopy, Stake, or Tree Mount box
Rod L-Coupler		5000-LCO-BZ	Bronze		

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KIM LIGHTING®

LTV8DM
INGRADE

FEATURES

- Sealed IP68 LED light engine
- Bluetooth connectivity for remote control aiming and dimming
- Free Mobile App for Android and iOS
- Easy to install and pair devices
- Advanced thermal management provides long life in excess of 100,000+ hours
- Runs cool to the touch - less than 40°C



CONTROL TECHNOLOGY



SPECIFICATIONS

HOUSING:

- Pour Box rough-in housing for installation below grade
- High temperature UV resistant thermal plastic, 3/16" minimum wall, black
- Includes a splice box with molded plastic splice cover and silicone gasket
- Three 1" NPT in bottom for through wiring on LTV81 and LTV82
- Two 1" NPT in bottom for through wiring on LTV83. 107 cu. in. splice area for LTV81
- 52 cu. in. splice area for LTV82. 24 cu. in. splice area for LTV83
- Rough-in housing supplied with a protective aluminum debris shield and includes an orientation label for proper installation alignment. This allows for clean and easy installation in concrete pad or soil. Pour Box can be shipped separately as a quick-ship if requested
- One-piece impregnated cast bronze component module is fully sealed and secured to the face trim from the underside
- A high temperature, anti-siphon, IP68 sealed cable extends from the component module to the splice box inside the housing
- The fully assembled component module is secured to the housing with (4) 1/4-20 tamper-resistant and high grade stainless steel fasteners
- One-piece cast bronze lens ring fastens to the component module from the underside and provides a flat surface

HOUSING (CONTINUED):

- Slip Resistant Lens (SR) and Rebar Cage Anchor (RCA81)
- When installed in concrete, fixture will withstand drive-over by vehicles weighing up to 4,500 lb.
- Optional Rebar Cage Anchor (RCA8x)

DRIVE-OVER DURABILITY:

- LTV83DM when installed in concrete, fixture will withstand drive-over by vehicles weighing up to 5,000 lbs.

OPTICS

- (LTV81DMF) eight 3-LED modules secured directly to face trim and aimed out eight windows for a 360° distribution.
- (LTV81DMH) four 3-LED modules secured directly to face trim and aimed out four of eight windows for a 180° distribution.
- (LTV82DMF) six 3-LED modules secured directly to face trim and aimed out six windows for a 360° distribution.
- (LTV82DMH) three 3-LED modules secured directly to face trim and aimed out three of six windows for a 180° distribution.
- (LTV83DMF) four 3-LED modules secured directly to the face trim and aimed out four windows for a 360° distribution.
- (LTV83DMH) two 3-LED modules secured directly to the face trim and aimed out two of the four windows for a 180° distribution. Patterns not adjustable in field.

Lightvault 8 Directional Marker

RELATED PRODUCTS

[LTV8FF RGBW](#)

[LTV8SS](#)

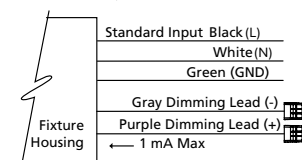
[LTV8SS RGBW](#)

ELECTRICAL

- All electronic components are UL and CSA recognized and are mounted directly to the component module for maximum heat dissipation and modularity. Driver is IP67 with -30°C minimum temperature rating
- Product comes standard with a UL Recognized 10kA surge protector

CONTROLS

- Standard fixtures dimming range is from 10% to 100% and be compatible with 0-10V, user-defined, control devices



Continued on page 3

KEY DATA	
Lumen Range	235-335
Wattage Range	14-28
Reported Life (Hours)	L70/60,000



LTV8DM
INGRADE

DATE:
 LOCATION:

TYPE:
 PROJECT:

CATALOG #:

ORDERING GUIDE

Example: LTV81DM-F-24L-4K-UV-RCA81

CATALOG #

HOUSING

LTV8									
Model		Distribution		Source		Color Temperature		Voltages	
LTV81DM	13" Dia.	F	Full	24L	24 LEDs	3K	3000K	UV	120-277V
LTV81DM	13" Dia.	H	Half	12L	12 LEDs	4K	4000K		
LTV82DM	10-3/8" Dia.	F	Full	18L	18 LEDs	5K	5000K		
LTV82DM	10-3/8" Dia.	H	Half	9L	9 LEDs				
LTV83DM	7-15/16" Dia.	F	Full	12L	12 LEDs				
LTV83DM	7-15/16" Dia.	H	Half	6L	6 LEDs				

RCA81 for LTV81

RCA82 for LTV82

RCA83 for LTV83

1 All lens options are integral parts of component module and must be installed at factory.

**Job Name:**

NEW DENTAL OFFICE- HUDSON, OH
Architect: DISCRETIONARY/STOCK/DESIGN
BUILD
Engineer: DISCRETIONARY/STOCK/DESIGN

Catalog Number:

LTV83DMH/6L3KUV/RCA83

Notes:

Type:**H**

LDI26-575216

KIMLIGHTING®**LTV8DM**

INGRADE

DATE: _____ LOCATION: _____

TYPE: _____ PROJECT: _____

CATALOG #: _____

SPECIFICATIONS (CONTINUED)**BLUETOOTH:**

- Integral Bluetooth module used to adjust optics and dim fixture to desired setting when paired with KIM LTV8 Remote App via cellular/tablet device
- Fully qualified Bluetooth 1.1, 1.2, 2.0, 2.1. Bluetooth v2.0+EDR compatible with Android devices running Android Gingerbread API level 9 forward. Bluetooth 4.0 LE compatible with iOS devices - iPhone 4S and later, 5th generation iPod touch, the iPad Mini and the 3rd generation and later of the full size iPad with iOS 5 or later
- Bluetooth Apps are available for Apple iOS and Google Android mobile devices and are downloadable via the internet at Apple App Store or Google Play

CAUTION:

- Fixtures must be grounded in accordance with national, state and/or local electrical codes. Failure to do so may result in serious personal injury

CERTIFICATIONS AND LISTINGS

- Listed to UL1598 and UL8750 25°C ambient operation
- SASO Certified for LTV82/83
- IP68 rated
- IEC 66262 Mechanical Impact Code IK09
- CISPR 15 Compliant, per product standard EN 55015:2013
- RoHS compliant

WARRANTY

- 5 year warranty
- See [HLI Standard Warranty](#) for additional information



KIMLIGHTING®

LTV8DM
INGRADE

DATE: _____ LOCATION: _____
 TYPE: _____ PROJECT: _____
 CATALOG #: _____

DELIVERED LUMENS

LTV81DM

Optical Module	Source	Color Temperature	Absolute Lumens	Center Beam Candle Power*	Voltage	Total System Watts	Beam Angle*	Max. Amps
Full	24L	3K	322	258	UV	28W	13°	.233 for 120V .135 for 208V .117 for 240V .101 for 277V
		4K	332	264				
		5K	335	268				
Half	12L	3K	N/A	N/A		N/A	N/A	
		4K	N/A	N/A				
		5K	N/A	N/A				

LTV82DM

Optical Module	Source	Color Temperature	Absolute Lumens	Center Beam Candle Power*	Voltage	Total System Watts	Beam Angle*	Max. Amps
Full	18L	3K	235	183	UV	22W	15°	.183 for 120V .106 for 208V .092 for 240V .079 for 277V
		4K	241	188				
		5K	243	190				
Half	9L	3K	N/A	N/A		N/A	N/A	
		4K	N/A	N/A				
		5K	N/A	N/A				

LTV83DM

Optical Module	Source	Color Temperature	Absolute Lumens	Center Beam Candle Power*	Voltage	Total System Watts	Beam Angle*	Max. Amps
Full	12L	3K	305	152	UV	14W	20°	.117 for 120V .067 for 208V .058 for 240V .051 for 277V
		4K	313	156				
		5K	317	158				
Half	6L	3K	N/A	N/A		N/A	N/A	
		4K	N/A	N/A				
		5K	N/A	N/A				

KEY: DMF = Directional Marker Full 360°, DMH = Directional Marker Half 180°, 24L = 24 LEDs, 18L = 18 LEDs, 12L = 12 LEDs, 9L = 9 LEDs, 6L = 6 LEDs, 3K = 3,000K, 4K = 4,000K, 5K = 5,000K UV = Universal Voltage shall range from 120V-277V with a ±10% tolerance.
 * The Candela shown is at 90° from unit.



Lighting
Dynamics, Inc.
EST. 1996

Job Name:

NEW DENTAL OFFICE- HUDSON, OH
Architect: DISCRETIONARY/STOCK/DESIGN
BUILD
Engineer: DISCRETIONARY/STOCK/DESIGN

Catalog Number:

LTV83DMH/6L3KUV/RCA83

Notes:

Type:**H**

LDI26-575216

KIMLIGHTING®**LTV8DM**

INGRADE

DATE: _____ LOCATION: _____

TYPE: _____ PROJECT: _____

CATALOG #: _____

DIMENSIONS

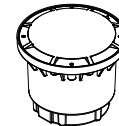
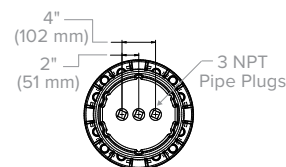
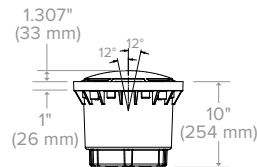
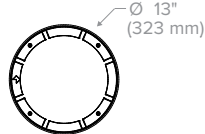
Top View

Side View

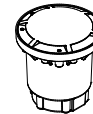
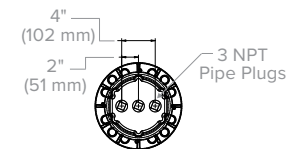
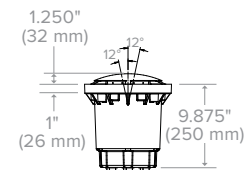
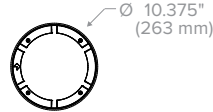
Bottom View

ISO View

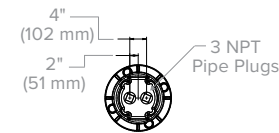
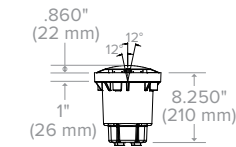
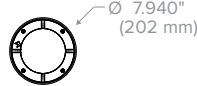
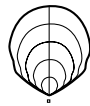
LTV81DM



LTV82DM



LTV83DM

**LIGHT DISTRIBUTIONS:**

Spot (SP) Narrow Flood (NF) Wall Wash (WW)

ELECTRICAL DATA

Spectroradiometric

	3K	4K	5K
Correlated Color Temp. CCT (K)	2800K to 3175K	3800K to 4600K	4600K to 5600K
Color Rendering Index (CRI)	≥72	≥72	≥72
Power Factor	>.90	>.90	>.90

L70 Data

	Calculated	Reported*
350 mA	100,000	60,000

*Based on test duration.

