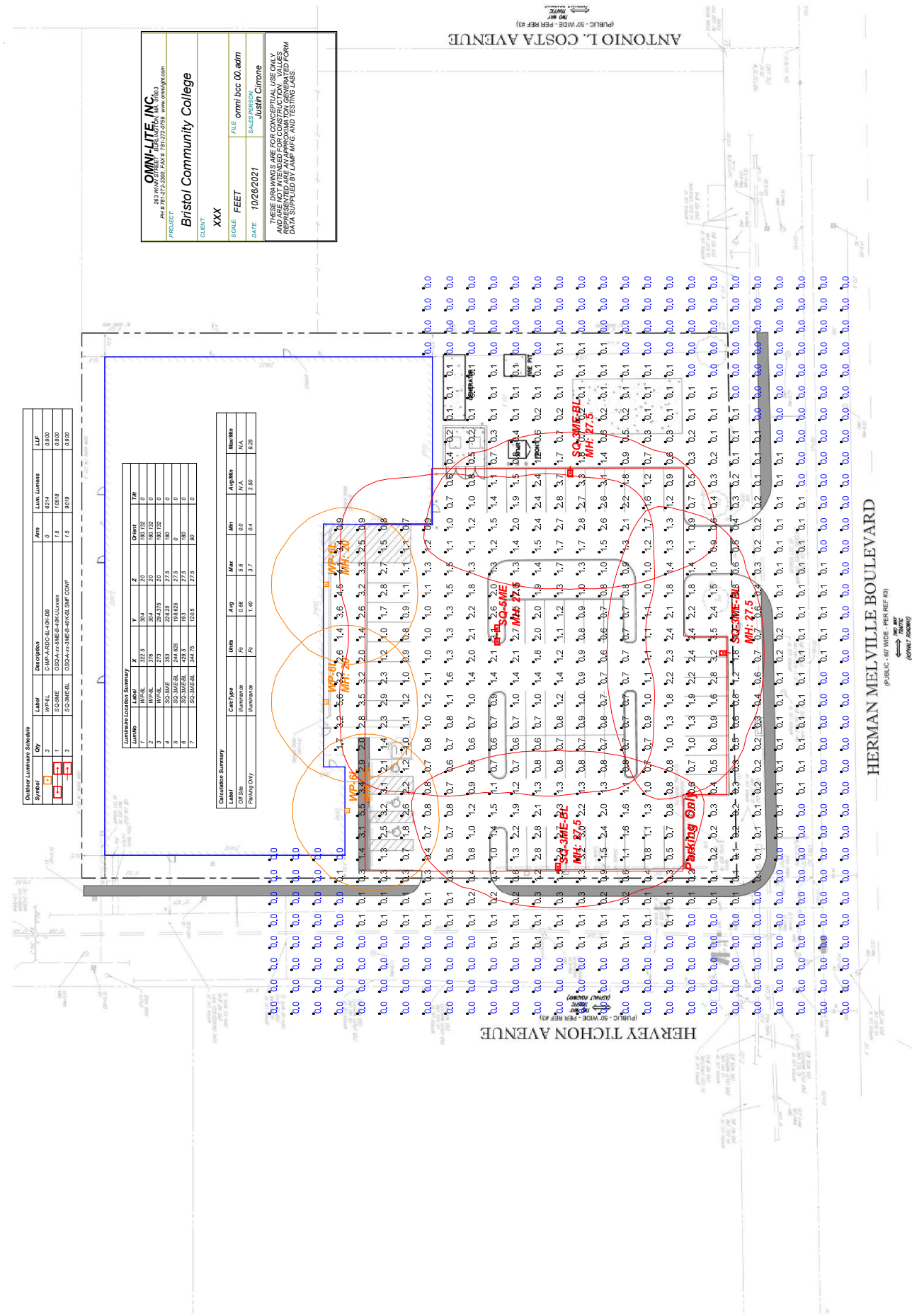


INTERNAL DD SET



INTERNAL DD SET

OSQ Series

Types "AA" and "BB"

TYPE 5ME

OSQ™ LED Area/Flood Luminaire featuring Cree TrueWhite® Technology – Medium

Rev. Date: V28 04/21/2021

Product Description

The OSQ™ Area/Flood luminaire blends extreme optical control, advanced thermal management and modern, clean aesthetics. Built to last, the housing is rugged cast aluminum with an integral, weathertight LED driver compartment. Versatile mounting configurations offer simple installation. Its slim, low-profile design minimizes wind load requirements and blends seamlessly into the site providing even, quality illumination. The 'B' Input power designator is a suitable upgrade for HID applications up to 250 Watt, and the 'K' Input power designator is a suitable upgrade for HID applications up to 400 Watt.

Applications: Parking lots, walkways, campuses, car dealerships, office complexes, tunnels, underpasses, and internal roadways

Performance Summary

Utilizes Cree TrueWhite® Technology on 5000K Luminaires

NanoOptic® Precision Delivery Grid™ optic

Assembled in the U.S.A. of U.S. and imported parts

Initial Delivered Lumens: Up to 17,291

Efficacy: Up to 136 LPW

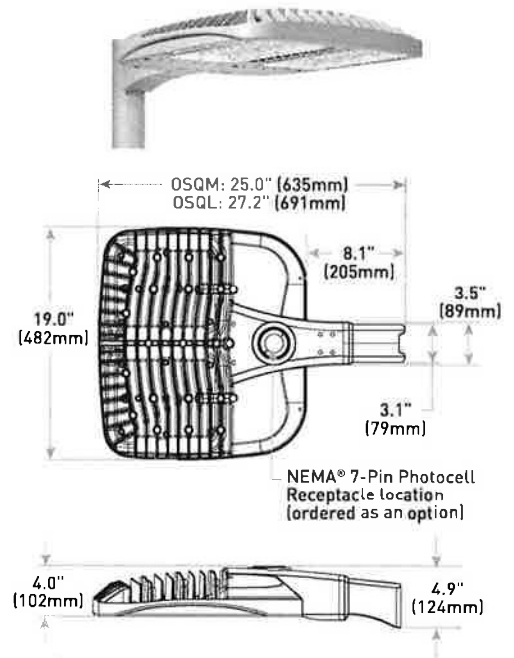
CRI: Minimum 70 CRI (3000K, 4000K & 5700K); 90 CRI (5000K)

CCT: 3000K, 4000K, 5000K, 5700K

Limited Warranty*: 10 years on luminaire; 10 years on Colorfast DeltaGuard® finish; up to 5 years for Synapse® accessories; 1 year on luminaire accessories

* See <http://creelighting.com/warranty> for warranty terms. For Synapse accessories, consult Synapse spec sheets for details on warranty terms.

DA Mount



Weight

28.9 lbs, (13,1kg)

Ordering Information

Fully assembled luminaire is composed of two components that must be ordered separately:

Example: **Mount:** OSQ-B-AA-SV + **Luminaire:** OSQ-A-NM-2ME-B-40K-UL-SV

Mount (Luminaire must be ordered separately)*	
OSQ-	
OSQ-B-AA Adjustable Arm	Color Options: SV Silver BZ Bronze BK Black WH White
OSQ-DA Direct Arm	
OSQ-M-TSP Transportation Mount (stainless steel; do not specify color)	
OSQ-TM Trunnion Mount	

* Reference EPA and pole configuration suitability data beginning on page 10

Luminaire (Mount must be ordered separately)								
OSQ	A	NM	5ME	B	40K	UL	FIN	
Product	Version	Mounting	Optic	Input Power Designator	CCT	Voltage	Color Options	Options
OSQ	A	NM No Mount	Asymmetric 2ME* Type II Medium 4ME* Type IV Medium 3ME* Type III Medium Symmetric 5ME Type V Medium 25D 25" Flood 40D 40" Flood 5SH Type V Short 60D 60" Flood 5SQ Type V Square 120D 120" Flood WSN Wide Sign 15D 15" Flood	B 86W K 130W Z 53W	30K 3000K, 70 CRI 40K 4000K, 70 CRI 50K 5000K, 90 CRI 57K 5700K, 70 CRI	UL Universal 120-277V UH Universal 347-480V - Available with B & K Input Power Designators only	BK Black BZ Bronze SV Silver WH White	F Fuse - Compatible only with 120V, 277V or 347V (phase to neutral) - Consult factory if fusing is required for 208V, 240V or 480V (phase to phase) - Refer to PML spec sheet for availability with PML options - When code dictates fusing, use time delay fuse PML Programmable Multi-Level, up to 40' Mounting Height - Refer to PML spec sheet for details - Intended for downlight applications at 0° tilt PML2 Programmable Multi-Level, 10-30' Mounting Height - Refer to PML spec sheet for details - Intended for downlight applications at 0° tilt Q9/Q6/Q5/Q4/Q3/Q2/Q1 Field Adjustable Output - Must select Q9, Q6, Q5, Q4, Q3, Q2, or Q1 - Offers full range adjustability - Refer to pages 12-13 for power and lumen values - Available with B & K Input Power Designators only - Not available with PML or PML2 options R NEMA® 7-Pin Photocell Receptacle - 7-pin receptacle per ANSI C136.41 - Intended for downlight applications with maximum 45° tilt - Factory connected 0-10V dim leads exits luminaire - Requires photocell or shorting cap by others RL Rotate Left - LED and optic are rotated to the left - Refer to RR/RL configuration diagram on page 14 for optic directionality - Not for use with symmetric optics RR Rotate Right - LED and optic are rotated to the right - Refer to RR/RL configuration diagram on page 14 for optic directionality - Not for use with symmetric optics

* Available with Backlight Shield when ordered with field-installed accessory (see table above)



US: creelighting.com (800) 236-6800

Canada: creelighting-canada.com (800) 473-1234

CREE LIGHTING®

C-WP-A-RDC Series

Full Cutoff LED Wall Pack

Replaces up to 400W PSMH

C-LITE
LED LIGHTING

THE WALL PACK DESIGNED WITH YOU IN MIND

UL listed, the C-WP-A-RDC Series LED Full Cutoff Wall Pack features an aesthetically pleasing form factor, with an optical lens designed to pass full cutoff compliance with many town ordinances. It delivers up to 21,100 lumens, with a ≥ 70 CRI and estimated 50,000-hour maintenance-free lifespan. Choose yours in 3000K, 4000K, or 5000K.



PRODUCT SPECIFICATIONS Types "CC" and "DD"

OVERVIEW

- Initial Delivered Lumens: Up to: 21,100L
- CRI: ≥ 70 CRI
- CCT: Warm White 3000K, Neutral White 4000K, Cool White 5000K
- Mounting: 1/2" threaded knockouts provided for conduit entry or mount over a recessed junction box
- Input Power: Up to 144 Watts
- Dimmable: No
- Operating Range: -40°C (-40°F) 40°C (104°F)
- Lifespan: Estimated >50,000 Hours
- Power Factor: > 0.9
- Total Harmonic Distortion: < 20%
- Limited Warranty: 5-Years*
- Replaces up to 400W PSMH
- Distribution: Forward throw

FEATURES	BENEFITS	RECOMMENDED USE
• Easy to install • UV Stabilized polycarbonate lens designed to not only protect the LEDs, but also to distribute the light efficiently	• Full cutoff luminaire • Developed with the contractor in mind • Fully tested and backed by Cree Lighting	• Building Facade • Security • Perimeter • General Area Lighting

ORDERING INFORMATION

Example: C-WP-A-RDC-1L-30K-DB

C-WP	A	RDC	6L		40K	DB
PRODUCT	SERIES	STYLE	LUMEN PACKAGE		CCT	COLOR
C-WP	A	RDC	1L 1500 Lumens (30K, 40K, 50K) 12W 3L 3000 Lumens (30K, 40K, 50K) 22W 6L 6200 Lumens (30K, 40K) 6300 Lumens (50K) 47W	10L 10,600 Lumens (40K, 50K) 77W 15L 15,000 Lumens (40K) 15,200 Lumens (50K) 108W 20L 20,900 Lumens (40K) 21,100 Lumens (50K) 144W	30K Warm White (3000K) (Only Available in 1L, 3L and 6L) 40K Neutral White (4000K) 50K Cool White (5000K)	DB Dark Bronze

CERTIFICATIONS



SSA-A SERIES POLES

SQUARE STRAIGHT ALUMINUM

Cat.# **SSA-41125-CW-BS-2D18**

Job **BCC NOWI -
PARKING AREA**

Type **18'-0" HT**



Approvals

APPLICATIONS

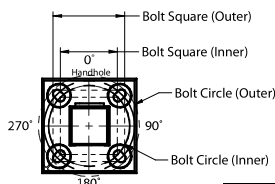
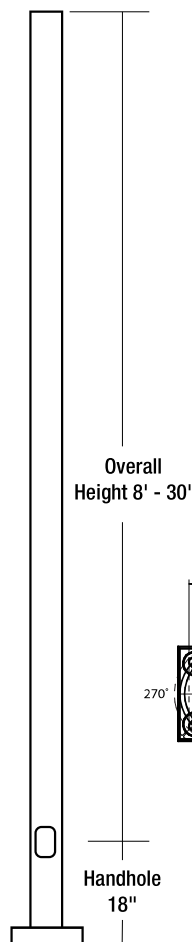
- Lighting installations for side and top mounting of luminaires with effective projected area (EPA) not exceeding maximum allowable loading of the specified pole in its installed geographic location

CONSTRUCTION

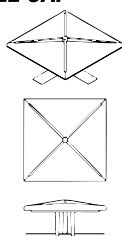
- SHAFT:** One-piece straight aluminum with square cross section, flat sides and minimum radius on all corners; Extruded shafts of 6061-T6 aluminum in 1/8", 3/16", or 1/4" thickness. Base plate of 356 cast aluminum.
- BASE COVER:** Four (4) individual bolt covers provided, painted to match pole and base finish.
- POLE CAP:** Pole shaft supplied with removable cover when applicable; Tenon and post-top configurations also available
- HAND HOLE:** Rectangular 3x5 aluminum 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

FINISH

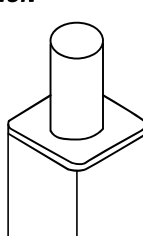
- Durable thermoset polyester powder coat paint finish with nominal 3.0 mil thickness
- Powder paint finish coat available in multiple standard colors; Custom colors available; RAL number preferable.



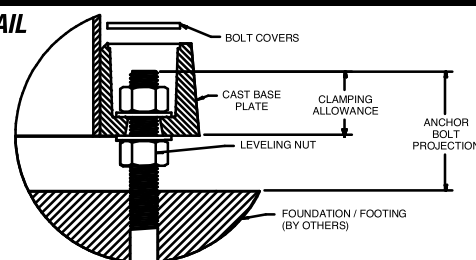
POLE CAP



TENON



BASE DETAIL



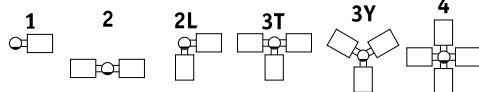
ORDERING EXAMPLE:

SSA-A - 20 - 40 - A/B/C - TA - DBS - VM2

SERIES	HEIGHT	SHAFT	THICKNESS	MOUNTING	FINISH	OPTIONS
SSA-A Square Straight Aluminum Pole	Reference page 2 Ordering matrix	Reference page 2 Ordering matrix	Reference page 2 Ordering matrix	TA Tenon (2.375" OD) TB Tenon (2.875" OD) OT Open top (includes pole cap)	BLS Black Smooth BLT Black Textured DBS Dark Bronze Smooth GTT Graphite Textured LGS Light Gray Smooth PSS Platinum Silver Smooth VGS Verde Green Smooth WHS White Smooth CC Custom Color- RAL Color#	GFI ¹ 20 Amp GFCI Receptacle and Cover EHH ¹ Extra Handhole C05 ¹ .5" Coupling C07 ¹ .75" Coupling C20 ¹ 2" Coupling VM2 2nd mode vibration damper LAB Less Anchor Bolts UL UL Certified

MOUNTING ORIENTATION

○ ← Denotes handhole location



*Consult factory

ACCESSORIES- Order Separately

Catalog Number	Description
VM1 ²	1st mode vibration damper
VM2SXX	2nd mode vibration damper

- Specify option location using logic found on page 2 (**Option Orientation**)
- VM1 recommended on poles 20' and taller with EPA of less than 1.



Kim Lighting • 17760 Rowland Street • Rowland Height, CA 91748 • Phone: 626-968-5666
Due to our continued efforts to improve our products, product specifications are subject to change without notice.

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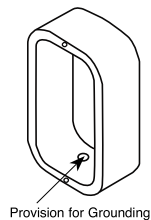


ORDERING INFORMATION Cont.

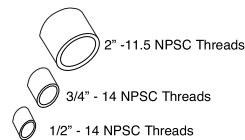
Catalog Number	Height		Nominal Shaft Dimensions	Wall Thickness	Bolt Circle (suggested)	Bolt Circle (range)	Bolt Square (range)	Base Plate Square	Anchor bolt size	Bolt Projection	Pole weight (lbs)
	Feet	Meters									
SSA-A-08-40-A	8	2.4	4" Square	.125"	8.5"	8.5" - 9.5"	6.01" - 6.72"	9.88 x 2"	3/4 x 30 x 3"	3"	32
SSA-A-10-40-A	10	3.0	4" Square	.125"	8.5"	8.5" - 9.5"	6.01" - 6.72"	9.88 x 2"	3/4 x 30 x 3"	3"	37
SSA-A-12-40-A	12	3.7	4" Square	.125"	8.5"	8.5" - 9.5"	6.01" - 6.72"	9.88 x 2"	3/4 x 30 x 3"	3"	42
SSA-A-14-40-A	14	4.3	4" Square	.125"	8.5"	8.5" - 9.5"	6.01" - 6.72"	9.88 x 2"	3/4 x 30 x 3"	3"	47
SSA-A-16-40-A	16	4.9	4" Square	.125"	8.5"	8.5" - 9.5"	6.01" - 6.72"	9.88 x 2"	3/4 x 30 x 3"	3"	52
SSA-A-18-40-A	18	5.5	4" Square	.125"	8.5"	8.5" - 9.5"	6.01" - 6.72"	9.88 x 2"	3/4 x 30 x 3"	3"	57
SSA-A-20-40-A	20	6.1	4" Square	.125"	8.5"	8.5" - 9.5"	6.01" - 6.72"	9.88 x 2"	3/4 x 30 x 3"	3"	62
SSA-A-16-40-B	16	4.9	4" Square	.188"	8.5"	8.5" - 9.5"	6.01" - 6.72"	9.88 x 2"	3/4 x 30 x 3"	3"	74
SSA-A-18-40-B	18	5.5	4" Square	.188"	8.5"	8.5" - 9.5"	6.01" - 6.72"	9.88 x 2"	3/4 x 30 x 3"	3"	80
SSA-A-20-40-B	20	6.1	4" Square	.188"	8.5"	8.5" - 9.5"	6.01" - 6.72"	9.88 x 2"	3/4 x 30 x 3"	3"	85
SSA-A-18-50-B	18	5.5	5" Square	.188"	10.5"	10.5" - 11.5"	7.42" - 8.13"	10.44 x 2.5"	3/4 x 30 x 3"	3"	91
SSA-A-20-50-B	20	6.1	5" Square	.188"	10.5"	10.5" - 11.5"	7.42" - 8.13"	10.44 x 2.5"	3/4 x 30 x 3"	3"	107
SSA-A-25-50-B	25	7.6	5" Square	.188"	10.5"	10.5" - 11.5"	7.42" - 8.13"	10.44 x 2.5"	3/4 x 30 x 3"	3"	130
SSA-A-16-60-B	16	2.4	6" Square	.188"	12"	12" - 13"	8.49" - 9.19"	11.96 x 2.75"	1 x 36 x 4"	3.5	105
SSA-A-18-60-B	18	3.0	6" Square	.188"	12"	12" - 13"	8.49" - 9.19"	11.96 x 2.75"	1 x 36 x 4"	3.5	130
SSA-A-20-60-B	20	3.7	6" Square	.188"	12"	12" - 13"	8.49" - 9.19"	11.96 x 2.75"	1 x 36 x 4"	3.5	155
SSA-A-25-60-B	25	4.3	6" Square	.188"	12"	12" - 13"	8.49" - 9.19"	11.96 x 2.75"	1 x 36 x 4"	3.5	180
SSA-A-30-60-B	30	4.9	6" Square	.188"	12"	12" - 13"	8.49" - 9.19"	11.96 x 2.75"	1 x 36 x 4"	3.5	210
SSA-A-16-60-C	16	4.9	6" Square	.250"	12"	12" - 13"	8.49" - 9.19"	11.96 x 2.75"	1 x 36 x 4"	3.5	121
SSA-A-18-60-C	18	5.5	6" Square	.250"	12"	12" - 13"	8.49" - 9.19"	11.96 x 2.75"	1 x 36 x 4"	3.5	144
SSA-A-20-60-C	20	6.1	6" Square	.250"	12"	12" - 13"	8.49" - 9.19"	11.96 x 2.75"	1 x 36 x 4"	3.5	166
SSA-A-25-60-C	25	7.6	6" Square	.250"	12"	12" - 13"	8.49" - 9.19"	11.96 x 2.75"	1 x 36 x 4"	3.5	224
SSA-A-30-60-C	30	9.1	6" Square	.250"	12"	12" - 13"	8.49" - 9.19"	11.96 x 2.75"	1 x 36 x 4"	3.5	258

NOTE Factory supplied template must be used when setting anchor bolts. Hubbell Lighting will deny any claim for incorrect anchorage placement resulting from failure to use factory supplied template and anchor bolts.

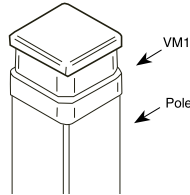
EHH - EXTRA HANDHOLE



C05 - C07 - C20 - COUPLING



VM1 - VIBRATION DAMPER 1ST MODE



Field Installed Pole Top damper designed to reduce pole top deflection or sway. VM1 is recommended for pole systems 20' and taller with a total EPA of 1.0 or less.

VM2 - VIBRATION DAMPER 2ND MODE



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

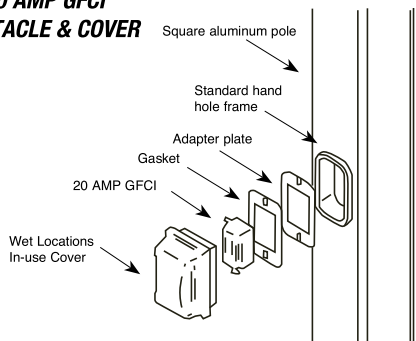
VM2SXX - VIBRATION DAMPER 2ND MODE



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

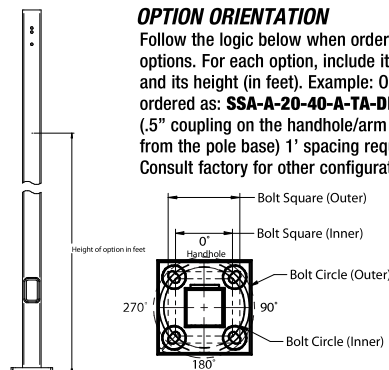
Field installed, internal damper designed to alter pole resonance to reduce movement and material fatigue caused by 2nd mode vibration.

GFI - 20 AMP GFCI RECEPTACLE & COVER



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 C07 should be ordered as: **SSA-A-20-40-A-TA-DBS-C05-0-15** (5" coupling on the handhole/arm side of pole, 15 feet up from the pole base) 1' spacing required between option. Consult factory for other configurations.



For more information about pole vibration and vibration dampers, please consult http://cdn.hubbelloutdoor.com/content/products/literature/literature_files/Pole_Wind_Induced_Flyer_HLOI0022.pdf
Due to our continued efforts to improve our products, product specifications are subject to change without notice.