

CATALOG #: _____

Type: _____

PROJECT: _____

FEATURES

- One-piece aluminum construction provides durability and resists corrosion
- An assortment of finishes are available to complement the architectural elements of any outdoor space
- Available in heights up to 35'

SPECIFICATIONS

- **SHAFT** – Extruded from seamless 6000 series aluminum alloy.
- **POLE TOP** – Tenon provided for top mount luminaire. Removable black plastic pole cap provided for poles receiving drilling patterns for side-mount luminaire arm assemblies.
- **HANDHOLE** – Covered handhole with hardware and grounding provision provided.
- **BASE COVER** – Optional Dart Square - 2T cast aluminum and decorative base covers available as special order.
- **FINISH** – Polyester powder coat bonded to pretreated metal, meets AAMA 2604 specifications for outdoor durability.
- **ANCHOR BOLTS** – Anchor bolts conform to ASTM F1554 Grade 55, galvanized a minimum of 12" on the threaded end.
- **MOUNTING** – Anchor base cast from 356 aluminum alloy. The completed assembly is heat-treated to a T6 temper. Tamper resistant aluminum nut cover discs are included with anchor base unless otherwise specified.

ORDERING EXAMPLE: SSA - 080 - 0400 - 125 - TM238 - DBR - AB - OPTIONS

ORDERING INFO

SERIES	HEIGHT	SHAFT DIMENSION	WALL THICKNESS	FIXTURE MOUNTING ^[1]
SSA	Specify according to chart. See page 3 for LOAD AND DIMENSIONAL DATA.			POLE TOP MOUNT
	080 8'-0" ^[9]	0400 4.00" ^[19]	125 0.125" ^[23]	TM238 2-3/8" x 4" Round tenon
	100 10'-0" ^[10]	0500 5.00" ^[20]	188 0.188" ^[24]	TM278 2-7/8" x 4" Round tenon
	120 12'-0" ^[11]	0600 6.00" ^[21]	250 0.250" ^[25]	TM3 3" x 4" Round tenon
	140 14'-0" ^[12]	0675 6.75" ^[22]		TC Custom Round Tenon ^[2]
	150 15'-0" ^[13]			
	160 16'-0" ^[14]			
	180 18'-0"			
	200 20'-0"			
	250 25'-0" ^[15]			DRILLED SIDE MOUNT
	300 30'-0" ^[16]			SM/S Single 0° ^[3]
	320 32'-0" ^[17]			SM/D90 Double 90° ^[4]
	350 35'-0" ^[18]			SM/D180 Double 180° ^[5]
				SM/T90 Triple 90° ^[6]
				SM/T120 Triple 120° ^[7]
				SM/Q90 Quad 90° ^[8]

FINISH ^[26]

BLK	Black ^[28]
DBR	Medium bronze
DBZ	Dark bronze
GRAY	Standard gray
GRN	Green ^[29]
SLV	Satin aluminum ^[30]
WHT	White ^[31]
RAL#_____	Specify custom color

ANCHOR BOLTS

AB	Anchor bolts ^[32]
LAB	Less anchor bolts
PAB	Pre-shipped Anchor Bolts ^[33]

OPTIONS ^[27]

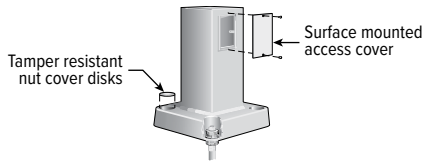
FS	Festoon box only ^[34]
FBCA	Full base cover, aluminum ^[35]
VB1	Vibration damper ^[36]
VB2	Vibration damper ^[37]
VB3	Vibration damper ^[38]
VB4	Vibration damper ^[39]

NOTES

- 1 Designed for pole top tenon or drilled side mount. See page 2 for MOUNTING DETAILS.
- 2 Must specify tenon diameter and height, consult factory.
- 3 Located at 0°.
- 4 Located at 0° and 90°.
- 5 Located at 0° and 180°.
- 6 Located at 0°, 90°, and 180°.
- 7 Located at 0°, 120°, and 240°.
- 8 Located at 0°, 90°, 180°, and 270°.
- 9 125 wall thickness only.
- 10 125 wall thickness only.
- 11 125 wall thickness only.
- 12 125 wall thickness only.
- 13 125 wall thickness only.
- 14 125 and 188 wall thickness only.
- 15 188 and 250 wall thickness only.
- 16 250 wall thickness only.
- 17 250 wall thickness only.
- 18 250 wall thickness only.
- 19 Up to 200 height only.
- 20 180 to 250 heights only.
- 21 200 to 350 heights only.
- 22 300 and 350 heights only.
- 23 Up to 200 height only.
- 24 160 to 250 heights only.
- 25 200 to 350 heights only.
- 26 See page 2 for FINISH OPTIONS.
- 27 Factory-installed vibration damper included in select configurations. See page 3 for LOAD AND DIMENSIONAL DATA.
- 28 RAL #9004.
- 29 RAL #6005.
- 30 RAL #9006.
- 31 RAL #9003.
- 32 Four L-bolts provided with two hex nuts and two flat washers each, shipped with pole.
- 33 Four L-bolts provided with two hex nuts and two flat washers each.
- 34 Casting only. Outlet, cover and hardware by others.
- 35 H.E. Williams, Inc. reserves the right to provide an optional two-piece aluminum full base cover on some applications depending upon the finish requirement and/or pole base diameter.
- 36 Factory-installed.
- 37 Field-installed, 100 to 200 heights.
- 38 Field-installed, 250 to 300 heights.
- 39 Field-installed, 320 and 350 heights.

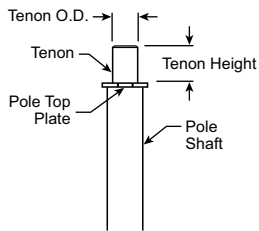
FIXTURE DETAILS

POLE BASE



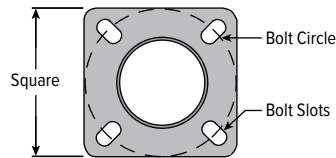
MOUNTING DETAILS

POLE TOP MOUNT TYPICAL TENON



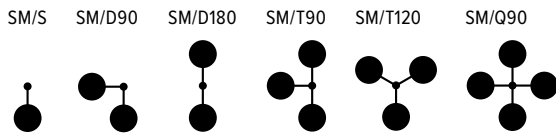
ANCHORAGE DATA

ANCHOR BASE

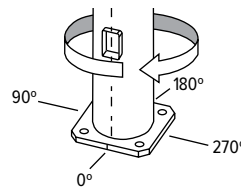
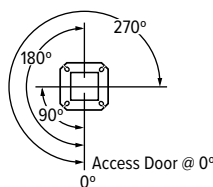


POLE		ANCHOR BASE				ANCHOR BOLTS		
BASE SQ.	WALL THK.	BOLT CIRCLE		SQ.	THK.	DIA. X LENGTH X HOOK	PROJECTION	±
		DIA.	±					
4	1/8"	9"	1/2"	9-15/16"	3/8"	3/4" x 17" x 3"	3-1/8"	N/A
4	3/16"	9"	1/2"	9-15/16"	3/8"	3/4" x 17" x 3"	3-1/8"	N/A
5	3/16"	11"	1/2"	11-9/16"	1/2"	3/4" x 17" x 3"	3-1/4"	N/A
6	3/16"	12-1/2"	7/16"	12-3/4"	9/16"	1" x 36" x 4"	4"	N/A
6	1/4"	12-1/2"	7/16"	12-3/4"	9/16"	1" x 36" x 4"	4"	N/A
6-3/4"	1/4"	14-5/8"	1/2"	15-1/8"	3/4"	1" x 36" x 4"	4-1/4"	N/A

DRILLED SIDE MOUNT OPTIONS



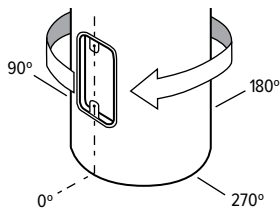
RADIAL INDEX



The Radial Index references how parts are oriented around the shaft. A degree measurement is used from a base point. The standard base point of reference is the access door. Degrees are measured in a clockwise motion as viewed from the top of the shaft.

OPTION DETAILS

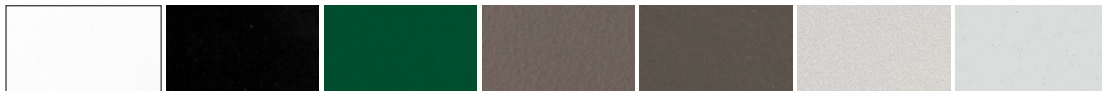
ALUMINUM FESTOON BOX



NOTE: The festoon box is located above the access door at 0°.

FINISH OPTIONS

WHITE BLACK GREEN MEDIUM BRONZE DARK BRONZE SATIN ALUMINUM GRAY



For custom color, please specify RAL code or a manufacturer code with description. All custom colors other than RAL require two sample swatches, minimum 1" square.

LOAD AND DIMENSIONAL DATA

NOM. MTG. HEIGHT (FT)	CATALOG NUMBER	POLE DIMENSIONS					MAX EPA (SQ FT) ¹				
		TOP SQ. (IN)	BASE SQ. (IN)	WALL THK. (IN)	MAXIMUM LUMINAIRE WT. (LBS)	STRUC. WT (LBS)	70 MPH	80 MPH	90 MPH	100 MPH	110 MPH
8	SSA-080-0400-125	4.00	4.00	.125	350	24	24.3	18.2	14.0	10.9	8.7
10	SSA-100-0400-125	4.00	4.00	.125	260	28	18.9	13.9	10.5	8.0	6.2
12	SSA-120-0400-125	4.00	4.00	.125	260	33	14.7	10.6	7.7	5.7	4.2
14	SSA-140-0400-125	4.00	4.00	.125	200	37	11.9	8.3	5.8	4.1	2.8
15	SSA-150-0400-125	4.00	4.00	.125	200	39	8.3	5.7	3.8	2.6	1.6
16	SSA-160-0400-125	4.00	4.00	.125	200	42	7.3	4.8	3.1	1.9	1.0
	SSA-160-0400-188	4.00	4.00	.188	200	59	12.3	8.6	6.1	4.3	3.0
18	SSA-180-0400-125	4.00	4.00	.125	100	46	5.9	3.6	2.1	—	—
	SSA-180-0400-188	4.00	4.00	.188	150	66	10.1	6.8	4.6	3.0	1.8
	SSA-180-0500-188	5.00	5.00	.188	260	85	18.0	12.7	9.0	6.4	4.4
20	SSA-200-0400-125	4.00	4.00	.125	150	51	4.1	2.1	—	—	—
	SSA-200-0400-188	4.00	4.00	.188	150	73	8.1	5.2	3.1	1.7	—
	SSA-200-0500-188	5.00	5.00	.188	150	93	15.4	10.5	7.1	4.7	2.9
	SSA-200-0600-188	6.00	6.00	.188	150	114	24.8	17.4	12.3	8.7	6.0
25	SSA-200-0600-250	6.00	6.00	.250	260	148	33.8	24.3	17.8	13.2	9.7
	SSA-250-0500-188	5.00	5.00	.188	100	115	9.5	5.6	3.0	1.0	—
	SSA-250-0600-188	6.00	6.00	.188	260	139	15.8	10.1	6.1	3.3	1.3
30	SSA-250-0600-250	6.00	6.00	.250	260	182	23.3	15.8	10.7	7.0	4.3
	SSA-300-0600-250 ²	6.00	6.00	.250	260	216	14.2	8.6	4.8	2.0	—
32	SSA-300-0675-250 ²	6.75	6.75	.250	260	250	20.3	13.0	8.0	4.4	1.7
	SSA-320-0600-250 ²	6.00	6.00	.250	150	229	12.2	6.9	3.2	—	—
35	SSA-350-0600-250 ²	6.00	6.00	.250	100	250	9.1	4.2	—	—	—
	SSA-350-0675-250 ²	6.75	6.75	.250	150	288	13.6	7.3	3.0	—	—

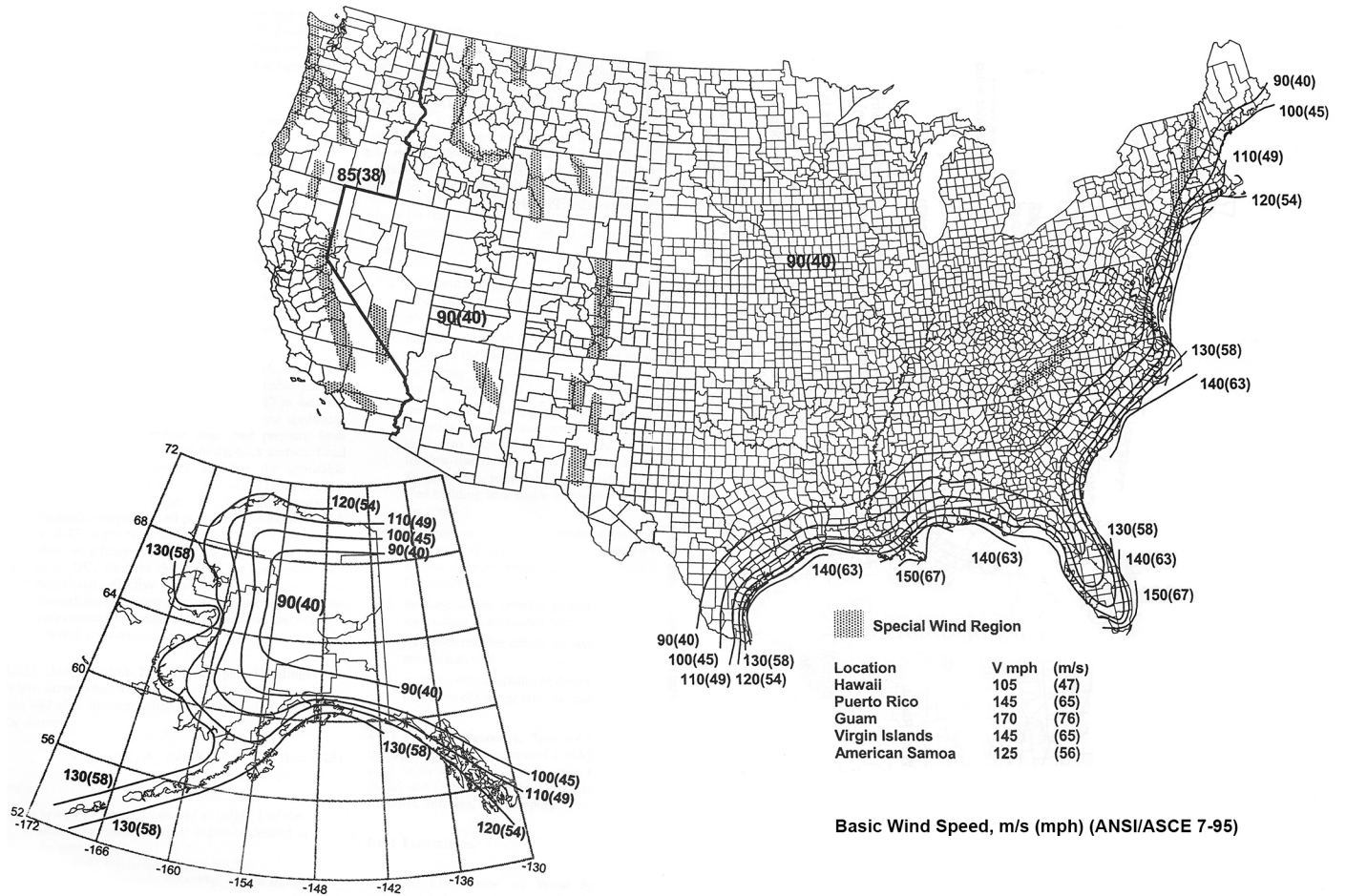
¹ Effective Projected Area (EPA) calculations are based on a 1.3 Gust Factor. Variations from sizes listed above available upon inquiry. Satisfactory performance of lighting poles is dependent upon the pole being properly attached to a supporting foundation of adequate design. H.E. Williams, Inc. does not offer recommendations for foundations. See page 4 for WIND MAP.

² Pole includes factory-installed vibration damper.

- Pole installations in various parts of the country perform satisfactorily; however, in select locations destructive vibration can occur. H.E. Williams, Inc. is not responsible for vibration induced fatigue damage.
- H.E. Williams, Inc. warrants this product to be free from defects in materials and workmanship. Any defective part returned within one year from the date of delivery of the goods will be repaired or replaced without charge, F.O.B. factory.
- This warranty specifically excludes fatigue or similar phenomena resulting from induced vibration, harmonic oscillation or resonance associated with movement of air currents around the product.

- The above warranties are given in lieu of all other warranties express or implied, including without limitation, the warranty of merchantability and the warranty of suitability for a particular purpose. It is expressly stated that H.E. Williams, Inc. assumes no liability for consequential or liquidated damages arising out of a breach of the sale, including any warranties arising therefrom, and buyer's remedy shall be limited to repair or replacement of defective parts as described above.
- Any action for the breach under a sale including any warranties arising therefrom must be commenced within one year after the cause of action accrues.

WIND MAP



The Effective Projected Area (EPA) standards shown in the Load and Dimensional Data Tables on the specification sheets are designed to withstand dead loads and theoretical dynamic loads developed by variable wind speeds, as charted, with an appropriate wind gust factor under the following conditions:

- Values are nominal design 3-second gust wind speeds in miles per hour (m/s) at 33 ft (10 m) above ground for Exposure C category.

- Linear Interpolation between wind contours is permitted.
- Islands and coastal areas outside the last contour shall use the last wind speed contour of the coastal area.
- Mountainous terrain, gorges, ocean promontories, and special wind regions shall be examined for unusual wind conditions.
- This map is intended as a general guide. Check you local area for unique wind conditions.

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