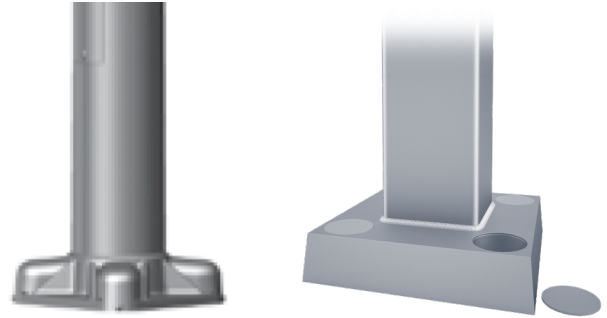




Quick Ship Aluminum Poles

Square and Round



OVERVIEW	
Height (ft)	8 - 25
Thickness (Ga)	.125, .188
Diameter (in)	4, 5

QUICK LINKS

[Ordering Guide](#)[Configurations](#)[Dimensions](#)[EPA](#)

FEATURES & SPECIFICATIONS

Pole Shaft

- The pole shaft will be constructed of seamless extruded tube of 6XXX Series Aluminum Alloy per the requirements of ASTM B221. The shaft assembly shall be full-length heat treated after base weld.

Hand-Hole

- Squares Poles have a 2" x 4" Handhole with square Lap Style Aluminum Door and two (2) Stainless Steel Self-Tapping Attaching Screws. A Grounding Provision incorporating a tapped 1/4"-20NC Grounding Provision is provided opposite the Handhole.
- Round Poles have a 2" x 4" Handhole with curved Lap Style Aluminum Door and two (2) Stainless Steel Self-Tapping Attaching Screws. A Grounding Provision incorporating a tapped 1/4"-20NC

Base

- Square poles have a 4-Bolt Cast Aluminum Base Flange of Alloy 356-T6 with Aluminum Snap-In Bolt Covers.
- Round poles have a 4-Bolt Cast Aluminum Base Flange of Alloy 356-T6 with Aluminum Bolt Covers (Alloy 356-F) and Stainless Steel Hex Head Attaching Screws.

Finishes

- Baked-on polyester-powder finish provides one year limited warranty.

Anchor Bolts

- Anchorage Kit will include four (4) Lshaped Steel Anchor Bolts conforming to AASHTO M314-90 Grade 55. Ten inches (10") of threaded end will be galvanized per ASTM A153. Kits will contain four (4) Hex Nuts four (4) Lock Washers, and four (4) Flat Washers (all components Galvanized Steel). A bolt circle template will be provided.
- Bolts not included as standard and must be ordered separately.

Determining The Luminaire/Pole Combination For Your Application:

- Select luminaire from luminaire ordering information.
- Select bracket configuration if required.
- Determine EPA value from luminaire/ bracket EPA chart.
- Select Pole Height.
- Select MPH to match wind speed in the application area (See windspeed maps).
- Confirm pole EPA equal to or exceeding value of luminaire/bracket EPA.
- Consult factory for special wind load

requirements and banner brackets.

Ground Lug

- Ground lug is standard.

Pole Vibration Damper

- A pole vibration damper is recommended in open terrain areas of the country where low steady state winds are common.
- If determined necessary a top-mount, field installed First Mode Vibration Damper will be provided. Customer specification of the damper is available.

Quick Ship Aluminum Poles Square and Round

Type : _____

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ORDERING GUIDE

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TYPICAL ORDER EXAMPLE: 5SQA B5 A188 25 S BRZ QS						
Pole Series	Drilling	Material	Height ¹		Mounting Configuration	Pole Finish
4SQA	B3 - NEW 3" Reduced Drilling (pattern accommodates fixtures utilizing either B2 or B3 drilling) B5 - Traditional Drilling	A125 - .125 Aluminum (4" Poles Only)	8'	16'	S - Single/Parallel D180 - Double D90 - Double T90 - Triple Q90 - Quad	BRZ - Bronze BLK - Black PLP - Platinum Plus WHT - White SVG - Satin Verde Green GPT - Graphite MSV - Metallic Silver GMG - Gun Metal Gray
4RPA			10'	18'		
5SQA	I - No Mounting Holes (for tenon mount, specify no mounting and order the corresponding drop in tenon accessories) *Consult Factory for special drill patterns, luminaire drilling template must be supplied at time of order	A188 - .188 Aluminum (5" Poles Only)	12'	20'		
5RPA			14'	25'		



Need more information?
[Click here for our glossary](#)

Have additional questions?
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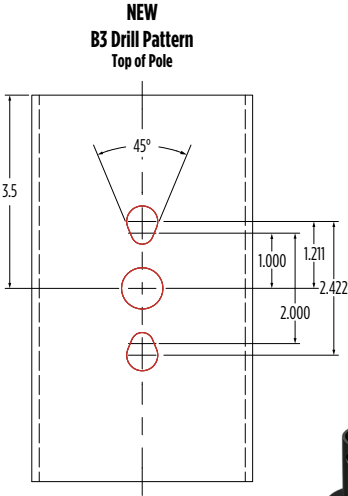
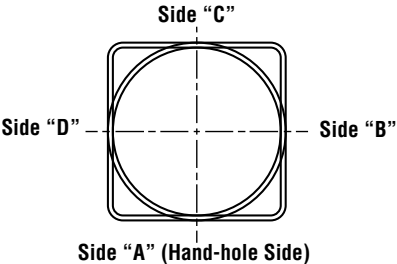


¹ Pole heights will have +/- 2" tolerance.

MOUNTING DESIGNATION

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Sides	A	B	C	D
Hand-hole	X			
Single	X			
D180		X		X
D90	X			X
DN90 ¹				
T90	X	X		X
TN120 ²				
Q90	X	X	X	X
QN90 ³				
Single FBO	X			
Double FBO		X		X



ANCHOR BOLT KIT ORDERING INFORMATION

Part Number	Description
902540	ABKIT 4RPA/5RPA QS Poles 3/4x17 GALV 8BC
902541	ABKIT 4SQA QS Poles 3/4x17 GALV 9BC
902542	ABKIT 5SQA QS Poles 3/4x30 GALV 11BC



Side Drill Mount

For Side Drill Mount applications specify luminaire type, quantity and orientation. A luminaire drilling template must be supplied at time of order for non-standard drill patterns.



Drop in Tenon Mount

For Tenon Mount applications specify "i" for open top pole and order corresponding drop in tenon accessory.

DROP IN TENON ORDERING INFORMATION

Part Number	Description
586000CLR	4 Inch Square Internal Slip Fitter
591245CLR	5 Inch Square Internal Slip Fitter
925375CLR	4 Inch Round Internal Slip Fitter
925610CLR	5 Inch Round Internal Slip Fitter

POLE SELECTION CHARTS

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SQUARE POLE SELECTION CHART

Mtg. Height	Wall Thickness	Bottom Diameter	Total Lum. Weight	AB Size	EPA				
					90 MPH	100 MPH	110 MPH	120 MPH	130 MPH
8	0.125"	4	100	3/4 x 17 x3	23.2	18.4	17.2	14.2	11.8
10	0.125"	4	100	3/4 x 17 x3	17.6	13.8	12.8	10.4	8.6
12	0.125"	4	100	3/4 x 17 x3	13.8	10.6	9.8	7.8	6.2
12	0.188"	5	100	3/4 x 30 x 3	35.0	27.6	25.6	20.8	17.2
14	0.125"	4	85	3/4 x 17 x3	10.8	8.2	7.6	5.8	4.6
14	0.188"	5	100	3/4 x 30 x 3	28.6	22.4	20.6	16.6	13.6
15	0.125"	4	70	3/4 x 17 x3	9.8	7.2	6.6	5.0	3.8
15	0.188"	5	100	3/4 x 30 x 3	26.0	20.2	18.6	15.0	12.0
16	0.125"	4	55	3/4 x 17 x3	8.8	6.4	5.8	4.4	3.2
16	0.188"	5	100	3/4 x 30 x 3	23.8	18.4	16.8	13.4	10.8
18	0.125"	4	25	3/4 x 17 x3	6.8	4.8	4.2	3.0	2.0
18	0.188"	5	100	3/4 x 30 x 3	19.4	14.8	13.4	10.4	8.2
20	0.125"	4	40	3/4 x 17 x3	5.0	3.4	2.8	1.8	-
20	0.188"	5	100	3/4 x 30 x 3	15.8	11.8	10.6	8.0	6.0
25	0.188"	5	45	3/4 x 30 x 3	9.4	6.2	5.4	3.4	1.8

ROUND POLE SELECTION CHART

Mtg. Height	Wall Thickness	Bottom Diameter	Total Lum. Weight	AB Size	EPA				
					90 MPH	100 MPH	110 MPH	120 MPH	130 MPH
8	0.125"	4	100	3/4 x 17 x 3	11.8	9.4	8.6	7.0	5.8
10	0.125"	4	75	3/4 x 17 x 3	8.4	6.6	6.0	4.8	4.0
10	0.188"	5	100	3/4 x 17 x 3	24.6	19.6	18.2	15.2	12.6
12	0.125"	4	50	3/4 x 17 x 3	6.4	4.8	4.4	3.4	2.6
12	0.188"	5	100	3/4 x 17 x 3	19.2	15.2	14.2	11.6	9.6
14	0.125"	4	25	3/4 x 17 x 3	4.8	3.6	3.2	2.4	1.8
14	0.188"	5	100	3/4 x 17 x 3	15.4	12.0	11.2	9.0	7.4
16	0.188"	5	100	3/4 x 17 x 3	12.6	9.8	9.0	7.2	5.8
20	0.188"	5	55	3/4 x 17 x 3	8.4	6.2	5.6	4.2	3.2

Effective Projected Area (EPA) in square feet. EPA's calculated using wind velocity (mph) indicated in accordance with 2009 AASHTO LTS-5 using a 25 year design life. Maximum EPA is based on the luminaire weight shown. Increased luminaire weight may reduce the maximum EPA. If weight is exceeded, or if other design life or code is required, please consult the factory.

EPA INFORMATION
All poles are guaranteed to meet the EPA requirements listed. Pole manufacturer is not responsible if a pole order has a lower EPA rating than the indicated wind-loading zone where the pole will be located.
CAUTION: This guarantee does not apply if the pole/bracket/fixture combination is used to support any other items such as flags, pennants, or signs, which would add stress to the pole. Pole manufacturer cannot accept responsibility for harm or damage caused in these situations.

NOTE: Pole calculations include a 1.3 gust factor over steady wind velocity. Example: poles designed to withstand 80 MPH steady wind will withstand gusts to 104 MPH. EPAs are for locations 100 miles away from hurricane ocean lines. Consult LSI for other areas. Note: Hurricane ocean lines are the Atlantic and Gulf of Mexico coastal areas. For applications in Canada and areas using code requirements other than AASHTO LTS-5-94, consult factory.

Quick Ship Aluminum Poles Square and Round

Type : _____

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POLE SELECTION CHARTS

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SQUARE POLE SELECTION CHART: FLORIDA BUILDING CODE

Mtg. Height	Wall Thickness	Bottom Diameter	Total Lum. Weight	AB Size	EPA						
					120 MPH	130 MPH	140 MPH	150 MPH	160 MPH	170 MPH	180 MPH
8	0.125	4	300	3/4 x 17 x3	14.9	12.5	10.6	9.0	7.8	6.7	5.9
10	0.125	4	251	3/4 x 17 x3	11.2	9.3	7.8	6.5	5.5	4.7	4.0
12	0.125	4	174	3/4 x 17 x3	8.8	7.2	5.8	4.8	3.9	3.2	2.6
12	0.188	5	300	3/4 x 30 x 3	26.7	22.2	18.7	15.9	13.6	11.7	10.1
14	0.125	4	127	3/4 x 17 x3	6.8	5.4	4.3	3.4	2.6	2.0	1.5
14	0.188	5	300	3/4 x 30 x 3	21.4	17.7	14.7	12.3	10.3	8.7	7.3
15	0.125	4	111	3/4 x 17 x3	6.0	4.6	3.6	2.7	2.0	1.5	1.0
15	0.188	5	300	3/4 x 30 x 3	19.2	15.7	13.0	10.8	9.0	7.4	6.2
16	0.125	4	97	3/4 x 17 x3	5.1	3.9	2.9	2.1	1.5	0.9	-
16	0.188	5	284	3/4 x 30 x 3	17.2	14.0	11.4	9.4	7.7	6.3	5.1
18	0.125	4	76	3/4 x 17 x3	3.6	2.6	1.7	1.0	-	-	-
18	0.188	5	224	3/4 x 30 x 3	13.8	11.0	8.8	7.0	5.6	4.3	3.3
20	0.125	4	62	3/4 x 17 x3	2.4	1.4	0.7	-	-	-	-
20	0.188	5	181	3/4 x 30 x 3	11.0	8.6	6.6	5.0	3.7	2.7	1.8
25	0.188	5	115	3/4 x 30 x 3	5.6	3.7	2.2	1.0	-	-	-

ROUND POLE SELECTION CHART: FLORIDA BUILDING CODE

Mtg. Height	Wall Thickness	Bottom Diameter	Total Lum. Weight	AB Size	EPA						
					120 MPH	130 MPH	140 MPH	150 MPH	160 MPH	170 MPH	180 MPH
8	0.125	4	237	3/4 x 17 x3	5.6	4.6	3.8	3.2	2.8	2.4	2.1
10	0.125	4	151	3/4 x 17 x3	3.9	3.1	2.5	2.0	1.7	1.4	1.2
12	0.125	4	104	3/4 x 17 x3	2.7	2.0	1.5	1.0	0.8	0.6	-
12	0.188	5	300	3/4 x 17 x3	10.9	9.1	7.8	6.7	5.8	5.1	4.5
14	0.125	4	76	3/4 x 17 x3	1.6	1.1	0.6	-	-	-	-
14	0.188	5	222	3/4 x 17 x3	8.5	7.1	6.0	5.1	4.4	3.8	3.3
16	0.125	4	58	3/4 x 17 x3	0.7	-	-	-	-	-	-
16	0.188	5	169	3/4 x 17 x3	6.5	5.4	4.5	3.8	3.2	2.8	2.4
18	0.188	5	133	3/4 x 17 x3	4.8	3.9	3.2	2.7	2.2	1.9	1.6
20	0.188	5	108	3/4 x 17 x3	3.4	2.7	2.1	1.7	1.4	1.1	0.9

Effective Projected Area (EPA) in square feet. EPA's calculated using wind velocity (mph) indicated in accordance with 2009 AASHTO LTS-5 using a 25 year design life. Maximum EPA is based on the luminaire weight shown. Increased luminaire weight may reduce the maximum EPA. If weight is exceeded, or if other design life or code is required, please consult the factory.

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Quick Ship Aluminum Poles Square and Round

Type : _____

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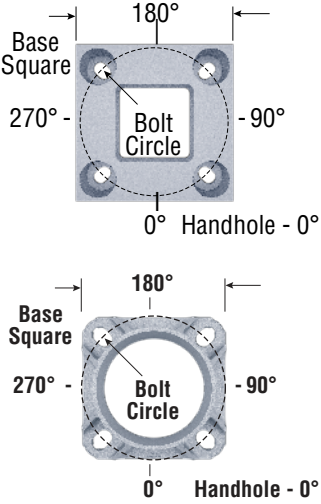
BOLT CIRCLE

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Pole Type	Bottom Dia.	Top Dia.	Bolt Cir. Dia.	Base Sq.	Bolt Proj.	Bolt Size
4SQA	4	4	8.5-9.5	9.875	1.5	.75x17x3
5SQA	5	5	10.5-11.5	11.125	2	.75x30x3
4RPA	4	4	6.5-8	7.5	2	.75x17x3
5RPA	5	5	7.5-8	7.5	2	.75x17x3

Note: Base plate illustrations may change without notice. Do not use for setting anchor bolts. Consult factory for the appropriate anchor bolt template.

Dimensions in Inches



PRODUCT DIMENSIONS

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