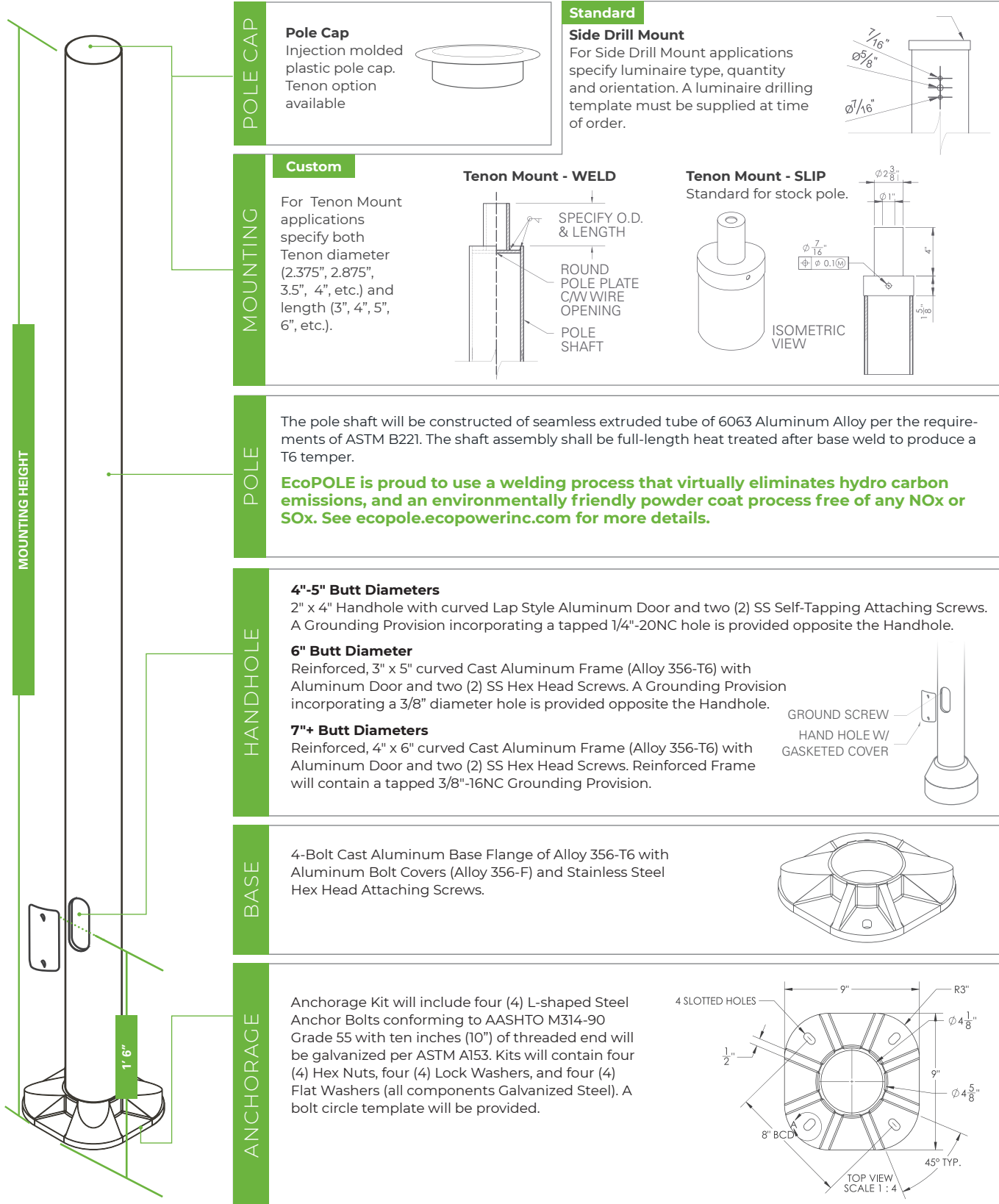


ALUMINUM ROUND STRAIGHT

4-RS | A-4.5RS | A-5RS | A-6RS



POLE CAP

Pole Cap
Injection molded plastic pole cap. Tenon option available

Standard

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.

Custom

MOUNTING

For Tenon Mount applications specify both Tenon diameter (2.375", 2.875", 3.5", 4", etc.) and length (3", 4", 5", 6", etc.).

Tenon Mount - WELD

SPECIFY O.D. & LENGTH

ROUND POLE PLATE C/W WIRE OPENING

POLE SHAFT

Tenon Mount - SLIP
Standard for stock pole.

ISOMETRIC VIEW

POLE

The pole shaft will be constructed of seamless extruded tube of 6063 Aluminum Alloy per the requirements of ASTM B221. The shaft assembly shall be full-length heat treated after base weld to produce a T6 temper.

EcoPOLE is proud to use a welding process that virtually eliminates hydro carbon emissions, and an environmentally friendly powder coat process free of any NOx or SOx. See ecopole.ecopowerinc.com for more details.

HANDHOLE

4"-5" Butt Diameters
2" x 4" Handhole with curved Lap Style Aluminum Door and two (2) SS Self-Tapping Attaching Screws. A Grounding Provision incorporating a tapped 1/4"-20NC hole is provided opposite the Handhole.

6" Butt Diameter
Reinforced, 3" x 5" curved Cast Aluminum Frame (Alloy 356-T6) with Aluminum Door and two (2) SS Hex Head Screws. A Grounding Provision incorporating a 3/8" diameter hole is provided opposite the Handhole.

7"+ Butt Diameters
Reinforced, 4" x 6" curved Cast Aluminum Frame (Alloy 356-T6) with Aluminum Door and two (2) SS Hex Head Screws. Reinforced Frame will contain a tapped 3/8"-16NC Grounding Provision.

GROUND SCREW
HAND HOLE W/
GASKETED COVER

BASE

4-Bolt Cast Aluminum Base Flange of Alloy 356-T6 with Aluminum Bolt Covers (Alloy 356-F) and Stainless Steel Hex Head Attaching Screws.

ANCHORAGE

Anchorage Kit will include four (4) L-shaped Steel Anchor Bolts conforming to AASHTO M314-90 Grade 55 with 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.

Pictorials are for illustrative purposes only and are not to scale. Final product may not be exactly as depicted.

ALUMINUM ROUND STRAIGHT

4-RS | A-4.5RS | A-5RS | A-6RS

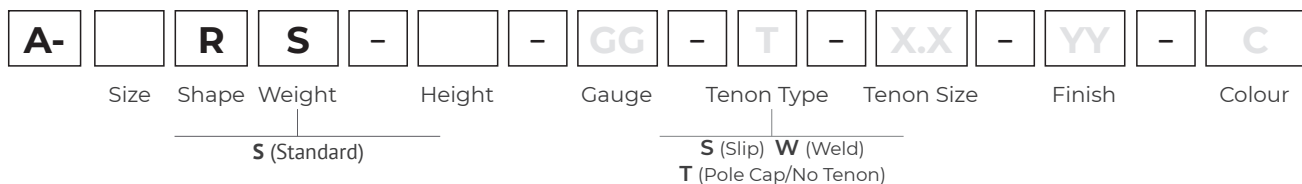


Height	Catalogue Number		Shaft			Base Casting			Anchor Bolt				Max.EPA (MPH)			
	Catalogue Number	Weight (kg)	Base OD (mm)	Top OD (mm)	sq (mm)	BCD Min. (mm)	BCD (mm)	BCD Max. (mm)	aB Diameter (in)	aB length (in)	Projection (shim lvl) (mm)	Projection (Nut lvl) (mm)	80	90	100	
4" A-4RS	8'	A-4RS-8-0.125-T-X.X-YY-C	9	102	102	222	165	187	210	0.75	24	89	133	6.8	6.0	4.7
	10'	A-4RS-10-0.125-T-X.X-YY-C	11	102	102	222	165	187	210	0.75	24	89	133	5.1	4.3	3.3
	12'	A-4RS-12-0.125-T-X.X-YY-C	13	102	102	222	165	187	210	0.75	24	89	133	3.7	3.1	2.2
	16'	A-4RS-16-0.125-T-X.X-YY-C	16	102	102	222	165	187	210	1.00	36	83	127	1.7	1.2	0.5
4.5" A-4.5RS	8'	A-4.5RS-8-0.125-T-X.X-YY-C	10	114	114	222	178	198	219	0.75	24	89	133	8.8	7.7	6.1
	8'	A-4.5RS-8-0.188-T-X.X-YY-C	14	114	114	222	178	198	219	0.75	24	89	133	13.4	11.8	9.5
	10'	A-4.5RS-10-0.125-T-X.X-YY-C	12	114	114	222	178	198	219	0.75	24	89	133	6.6	5.7	4.4
	10'	A-4.5RS-10-0.188-T-X.X-YY-C	17	114	114	222	178	198	219	0.75	24	89	133	10.4	9.1	7.2
	12'	A-4.5RS-12-0.125-T-X.X-YY-C	14	114	114	222	178	198	219	0.75	24	89	133	4.9	4.2	3.0
	12'	A-4.5RS-12-0.188-T-X.X-YY-C	20	114	114	222	178	198	219	0.75	24	89	133	8.2	7.1	5.4
	14'	A-4.5RS-14-0.125-T-X.X-YY-C	16	114	114	222	178	198	219	0.75	24	89	133	3.6	2.9	1.9
	14'	A-4.5RS-14-0.188-T-X.X-YY-C	22	114	114	222	178	198	219	0.75	24	89	133	6.5	5.5	4.0
	16'	A-4.5RS-16-0.125-T-X.X-YY-C	18	114	114	222	178	198	219	1.00	36	83	127	2.5	1.9	1.0
	16'	A-4.5RS-16-0.188-T-X.X-YY-C	25	114	114	222	178	198	219	1.00	36	83	127	5.0	4.1	2.9
	18'	A-4.5RS-18-0.188-T-X.X-YY-C	28	114	114	222	178	198	219	1.00	36	83	127	3.8	3.0	1.8
	20'	A-4.5RS-20-0.188-T-X.X-YY-C	31	114	114	222	178	198	219	1.00	36	83	127	2.7	2.0	0.9

Sizes continue on following page.

GG	Gauge Chart	X.X	Tenon Size Options Chart	YY	Surface Finish	Warranty	C	Colour Codes
0.188"	7 Gauge	0.0	Top cap only	00	Bare Metal	40 Year	BLK	Black
0.156"	9 Gauge	0.1	Top cap with one side-mounted fixture	02	Finish Paint	10 Year	BRZ	RAL 7022
0.125"	11 Gauge	0.2	Top cap with two side-mounted fixtures	03	Powder Coat		WH	White*
		0.3	Top cap with three side-mounted fixtures	04	Galvanize	30 Year	CUS	Custom Colour (specify RAL, Tigerlac, Pantone, etc.)
		0.4	Top cap with four side-mounted fixtures	07	Galvanize + Powder Coat			
		2.0	Top tenon, 2.3622" O.D.	08	Special Request	Variable		
		2.5	Top tenon, 2.87402" O.D.					
		3.0	Top tenon, 3.50394" O.D.					
		3.5	Top tenon, 4.01575" O.D.					
		4.0	Top tenon, 4.48819" O.D.					

PRODUCT CODE GENERATOR Leave space blank if not applicable



*We do not recommend White for most applications without combination with galvanization as age and weather can compromise the finish. Projects that require a white finish may have their warranty adjusted. Contact us for more details.

ALUMINUM ROUND STRAIGHT

4-RS | A-4.5RS | A-5RS | A-6RS



Height	Catalogue Number		Shaft		Base Casting			Anchor Bolt					Max.EPA (MPH)			
	Catalogue Number	Weight (kg)	Base OD (mm)	Top OD (mm)	sq (mm)	BCD Min. (mm)	BCD (mm)	BCD Max. (mm)	aB Diameter (in)	aB length (in)	Projection (shim) (mm)	Projection (Nut) (mm)	80	90	100	
5" A-5RS	10'	A-5RS-10-0.125-T-X.X-YY-C	13	127	127	235	191	216	241	0.75	24	89	133	8.5	7.3	5.7
	12'	A-5RS-12-0.125-T-X.X-YY-C	15	127	127	235	191	216	241	0.75	24	89	133	6.5	5.5	4.1
	12'	A-5RS-12-0.156-T-X.X-YY-C	19	127	127	235	191	216	241	0.75	24	89	133	8.5	7.3	5.6
	12'	A-5RS-12-0.188-T-X.X-YY-C	22	127	127	235	191	216	241	0.75	24	89	133	10.6	9.2	7.1
	14'	A-5RS-14-0.125-T-X.X-YY-C	17	127	127	235	191	216	241	0.75	24	89	133	4.9	4.0	2.8
	14'	A-5RS-14-0.156-T-X.X-YY-C	21	127	127	235	191	216	241	0.75	24	89	133	6.7	5.6	4.1
	14'	A-5RS-14-0.188-T-X.X-YY-C	25	127	127	235	191	216	241	0.75	24	89	169	8.5	7.2	5.4
	16'	A-5RS-16-0.125-T-X.X-YY-C	20	127	127	235	191	216	241	1.00	36	83	127	3.5	2.8	1.7
	16'	A-5RS-16-0.156-T-X.X-YY-C	24	127	127	235	191	216	241	1.00	36	83	127	5.1	4.2	2.8
	16'	A-5RS-16-0.188-T-X.X-YY-C	28	127	127	235	191	216	241	1.00	36	83	127	6.7	5.6	4.0
	18'	A-5RS-18-0.125-T-X.X-YY-C	22	127	114	235	191	216	241	1.00	36	83	127	2.3	1.7	0.7
	18'	A-5RS-18-0.156-T-X.X-YY-C	26	127	127	235	191	216	241	1.00	36	83	127	3.8	2.9	1.7
	18'	A-5RS-18-0.188-T-X.X-YY-C	31	127	127	235	191	216	241	1.00	36	83	127	5.2	4.2	2.8
	20'	A-5RS-20-0.156-T-X.X-YY-C	29	127	127	235	191	216	241	1.00	36	83	127	2.6	1.9	0.8
20'	A-5RS-20-0.188-T-X.X-YY-C	34	127	127	235	191	216	241	1.00	36	83	127	3.9	3.0	1.7	
6" A-6RS	16'	A-6RS-16-0.156-T-X.X-YY-C	28	152	152	260	222	241	260	1.00	36	89	133	8.2	6.9	5.0
	16'	A-6RS-16-0.188-T-X.X-YY-C	34	152	152	260	222	241	260	1.00	36	89	133	10.6	9.0	6.7
	18'	A-6RS-18-0.188-T-X.X-YY-C	37	152	127	260	222	241	260	1.00	36	89	133	8.5	7.1	5.0
	20'	A-6RS-20-0.156-T-X.X-YY-C	35	152	152	260	222	241	260	1.00	36	89	133	4.8	3.8	2.2
	20'	A-6RS-20-0.188-T-X.X-YY-C	41	152	152	260	222	241	260	1.00	36	89	133	6.7	5.5	3.6
	25'	A-6RS-25-0.188-T-X.X-YY-C	50	152	152	260	222	241	260	1.00	36	89	133	3.1	2.1	0.5