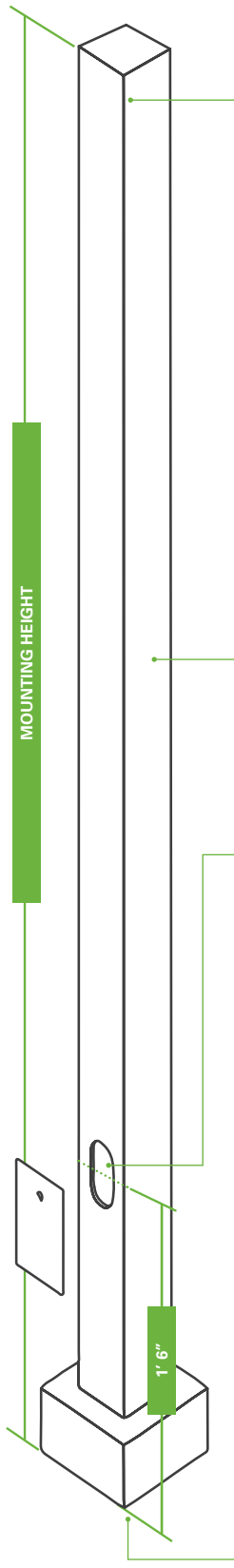


# SQUARE STRAIGHT

4SS | 4SH | 5SS | 5SH | 6SS | 6SH



**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.

**MOUNTING**

**Custom**

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

Dimensions:  $\phi 2 \frac{3}{8}$ ,  $\phi 1$ ,  $\phi 7 \frac{1}{16}$ ,  $\phi \pm 0.100$ ,  $\frac{1}{2}$ ,  $\frac{1}{2}$

**POLE**

Pole shaft shall be weldable-grade, cold-rolled, commercial quality carbon steel tubing conforming to ASTM A500 Grade B. Options include 11 gauge and 7 gauge. All Welds shall conform to AWS D1.2, CWB & CSA standards.

**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](http://ecopole.ecopowerinc.com) for more details.**

**HANDHOLE**

3" x 5" Flat Handhole with Cover, Stainless Steel Screw and Backbar. A Grounding Provision incorporating a tapped 1/2"-13NC hole will be welded to the opposite inside wall.

GROUND SCREW  
HAND HOLE W/ GASKETED COVER

**BASE**

4-Bolt Steel Plate Base Flange of fabricated hot rolled carbon steel conforming to ASTM A36, CSA W47.1/W59 or equivalent (36 ksi minimum yield) with 2-piece Base Cover and attaching hardware. Base Cover will be fabricated from ABS plastic or metal materials.

4-Bolt alignment adjustable steel base plate, includes 4 galvanized J bolts engineered to CSA requirements, and template

**EcoPOLE is the only manufacturer in North America to offer a slotted, positionable base that offers 4° margin in either direction.**

**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 & CSA. Kits will contain eight (8) Hex Nuts, four (4) Lock Washers, and eight (8) Flat Washers (all components Galvanized Steel). A bolt circle template will be provided.

POLE SHAFT  
ABS BASE COVER  
GALVANIZED HEX NUT  
BASE PLATE ANCHOR BOLT  
CONCRETE BASE

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

# SQUARE STRAIGHT

4SS | 4SH | 5SS | 5SH | 6SS | 6SH



Height	Catalogue Number		Base Plate		Anchor Bolt				Max EPA (MPH)						
	Catalogue Number	Weight (kg)	SQ	BCD - Bolt Circle Diameter)	AB Diameter	AB Length (in)	Projection (Shim In)	Projection (Nut In)	90	100	110	120	130	140	
<b>4"</b> 4SS	8'	4SS-8-0.125-T-X.X-YY-C	33	230	216	0.75	24	55	99	35.7	28.2	26.2	21.5	18.0	15.0
	10'	4SS-10-0.125-T-X.X-YY-C	39	230	216	0.75	24	55	99	28.6	22.6	21.0	17.2	14.4	12.0
	12'	4SS-12-0.125-T-X.X-YY-C	45	230	216	0.75	24	55	99	23.0	18.0	16.6	13.6	11.0	9.2
	14'	4SS-14-0.125-T-X.X-YY-C	51	230	216	0.75	24	55	99	18.6	14.4	13.2	10.6	8.6	7.0
	16'	4SS-16-0.125-T-X.X-YY-C	57	230	216	0.75	24	55	99	15.4	11.6	10.6	8.4	6.6	5.1
	18'	4SS-18-0.125-T-X.X-YY-C	63	230	216	0.75	24	55	99	12.4	9.2	8.4	6.4	4.8	3.5
	20'	4SS-20-0.125-T-X.X-YY-C	69	230	216	0.75	24	55	99	10.0	7.2	6.5	5.7	3.3	2.2
	24'	4SS-24-0.125-T-X.X-YY-C	82	230	216	0.75	24	55	99	3.8	2.3	1.9	0.8	-	-
<b>4"</b> 4SH <small>HEAVY DUTY</small>	20'	4SH-20-0.188-T-X.X-YY-C	98	230	216	0.75	24	55	99	16.5	12.6	11.4	9.0	7.0	5.5
	24'	4SH-24-0.188-T-X.X-YY-C	116	230	216	0.75	24	55	99	9.9	5.0	4.6	3.6	2.8	-
	30'	4SH-30-0.188-T-X.X-YY-C	143	230	216	0.75	24	55	99	6.4	4.0	3.4	2.0	-	-
<b>5"</b> 5SS	16'	5SS-16-0.125-T-X.X-YY-C	86	280	267	1.00	36	61	111	14.8	11.2	10.4	8.2	6.8	-
	20'	5SS-20-0.125-T-X.X-YY-C	104	280	267	1.00	36	61	111	15.2	11.2	10.0	7.4	5.4	3.8
	24'	5SS-24-0.125-T-X.X-YY-C	122	280	267	1.00	36	61	111	7.6	5.2	4.7	3.7	2.8	-
	30'	5SS-30-0.125-T-X.X-YY-C	149	280	267	1.00	36	61	111	4.0	1.5	-	-	-	-
<b>5"</b> 5SH <small>HEAVY DUTY</small>	20'	5SH-20-0.188-T-X.X-YY-C	127	280	267	1.00	36	61	111	28.6	22.0	20.2	16.2	13.0	10.4
	24'	5SH-24-0.188-T-X.X-YY-C	150	280	267	1.00	36	61	111	13.4	9.8	9.0	7.4	6.0	-
	30'	5SH-30-0.188-T-X.X-YY-C	183	280	267	1.00	36	61	111	12.6	8.8	7.6	5.2	3.2	1.8
	35'	5SH-35-0.188-T-X.X-YY-C	210	280	267	1.00	36	61	111	7.6	4.5	3.6	1.6	-	-
<b>6"</b> 6SS	20'	6SS-20-0.125-T-X.X-YY-C	153	330	318	1.00	36	67	117	26.9	20.6	15.5	11.6	8.7	-
	24'	6SS-24-0.125-T-X.X-YY-C	180	330	318	1.00	36	67	117	19.5	14.2	9.9	7.0	4.9	-
	30'	6SS-30-0.125-T-X.X-YY-C	221	330	318	1.00	36	67	117	11.2	7.1	4.5	2.9	1.9	-
	35'	6SS-35-0.125-T-X.X-YY-C	255	330	318	1.00	36	67	117	5.9	2.5	1.1	0.4	0.0	-
	40'	6SS-40-0.125-T-X.X-YY-C	293	330	318	1.00	36	67	117	1.3	0.0	0.0	0.0	0.0	-
<b>6"</b> 6SH <small>HEAVY DUTY</small>	30'	6SH-30-0.188-T-X.X-YY-C	291	330	318	1.25	48	81	138	20.4	14.6	13.0	9.2	6.4	4.0
	35'	6SH-35-0.188-T-X.X-YY-C	336	330	318	1.25	48	81	138	13.6	8.8	7.4	4.2	1.9	-
	40'	6SH-40-0.188-T-X.X-YY-C	380	330	318	1.25	48	81	138	5.4	3.2	1.3	-	-	-

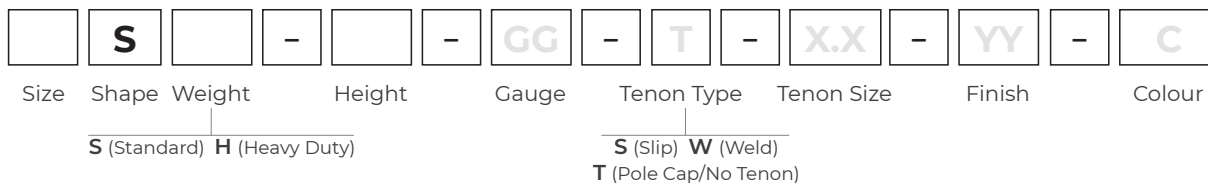
GG	Gauge Chart
0.188"	7 Gauge
0.125"	11 Gauge

X.X	Tenon Size Options Chart
0.0	Top cap only
0.1	Top cap with one side-mounted fixture
0.2	Top cap with two side-mounted fixtures
0.3	Top cap with three side-mounted fixtures
0.4	Top cap with four side-mounted fixtures
2.0	Top tenon, 2.3622" O.D.
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.

YY	Surface Finish	Warranty
00	Bare Metal	N/A
02	Finish Paint	10 Year
03	Powder Coat	
04	Galvanize	30 Year
07	Galvanize + Powder Coat	
08	Special Request	

C	Colour Codes
BLK	Black
BRZ	RAL 7022
WH	White*
CUS	Custom Colour (specify) RAL, Tigerlac, Pantone, etc.

## 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.