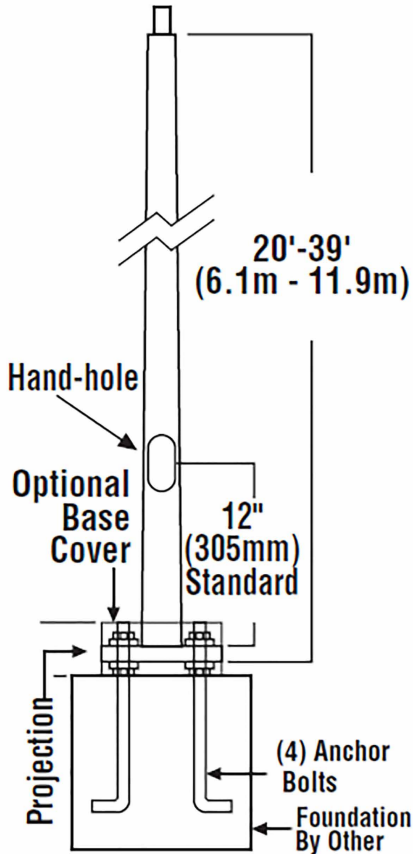


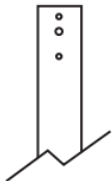
RTS SERIES ROUND TAPERED STEEL POLE

ONE-PIECE RTPT
N - 2-3/8" (60mm) O.D. x 4-3/4" (121mm) Tenon



RPB3, RPB5 - Bolt-On Mount, 2-Bolt Pattern

SF - Single Flood Pole Preparation



SPECIFICATIONS

POLE SHAFT

- Pole shaft is electro-welded ASTM-A595 Grade A steel tubing with a minimum yield strength of 55,000 PSI.
- On Tenon Mount steel poles, tenon is 2-3/8" O.D. high-strength pipe. Tenon is 4-3/4" in length.

HAND-HOLE

- Standard hand-hole location is 12" above pole base.
- Hand-hole size is 4" x 6" and reinforced.

BASE

- Pole base is ASTM-A36 hot-rolled steel plate with a minimum yield strength of 36,000 PSI.
- Two-piece square base cover is optional.

ANCHOR BOLTS

- Steel Round Tapered poles of 11 gauge material are furnished with anchor bolts featuring zinc-plated double nuts and washers. Galvanized anchor bolts are optional.
- Poles of 7 gauge material are furnished with galvanized anchor bolts as a standard. Anchor bolts conform to ASTM F 15454-07a Grade 55 with a minimum yield strength of 55,000 PSI.

GROUND LUG

- Ground lug is standard.

DUPLEX RECEPTACLE

- Weatherproof duplex receptacle is optional.

GROUND FAULT CIRCUIT INTERRUPTER

- Self-testing ground fault circuit interrupter is optional.

FINISHES

- Every pole is provided with the DuraGrip® Protection System and a 5-year limited warranty
- Each shaft is purchased to a stricter straightness tolerance than specified on industry material standards. Shafts with dents, dings, roll marks, or patterns on the exterior surface are rejected. Shafts are stored indoors to prevent corrosion.
- After connecting holes are cut and hand holes and baseplates are welded to the shaft, each pole undergoes a thorough shot-peening process, resulting in a near-white surface. This procedure removes all dirt and scale and strengthens the surface of the steel by inducing a compressive residual stress that helps prevent cracking and extend the life of the pole.
- After shot-peening, a neutral wash is applied followed by the application of a zirconium treatment that improves powder-coat adhesion and protects from corrosion.
- Next, each pole is coated through electrostatic application of a polyester powder paint in standard WLS bronze or the color approved by the customer. Paint thickness is measured in multiple locations along the pole to ensure specification Adherence.
- Finally, the pole is oven baked to form a homogeneous, non-porous surface and wrapped for shipment in a woven fabric sleeve to protect the finish during transit.
- When the top-of-the-line DuraGrip® Plus Protection System is selected, in addition to the DuraGrip® Protection System, a non-porous, automotive-grade corrosion coating is applied to the lower portion of the pole interior, sealing and further protecting it from corrosion. This option extends the limited warranty to 7 years.

SHIPPING WEIGHTS - Round Steel Tapered Poles

20' (6.1m) S11 Ga. is approximately	137 lbs. (62kg)
22' (6.7m) S11 Ga. is approximately	165 lbs. (75kg)
25' (7.6m) S11 Ga. is approximately	183 lbs. (83kg)
27' (8.2m) S11 Ga. is approximately	219 lbs. (99kg)
30' (9.1m) S11 Ga. is approximately	234 lbs. (106kg)
32' (9.7m) S11 Ga. is approximately	286 lbs. (130kg)
35' (10.7m) S11 Ga. is approximately	310 lbs. (141kg)
39' (11.9m) S11 Ga. is approximately	346 lbs. (157kg)
39' (11.9m) S07 Ga. is approximately	527 lbs. (239kg)
Anchor Bolts (1" x 36")(25mm x 914mm)	30 lbs. (14kg)/set
Anchor Bolts (1-1/4" x 42")(32mm x 1069mm)	63 lbs. (29kg)/set

ONE-PIECE SHAFT

Height	Pole Bottom	Pole Top
20' (6.1m)	5.80" (147mm)O.D.	3.0" (76mm)O.D.
22' (6.7m)	6.60" (168mm) O.D.	3.52" (89mm) O.D.
25' (7.6m)	6.60" (168mm)O.D.	3.10" (79mm)O.D.
27' (8.2m)	7.50" (191mm)O.D.	3.72" (94mm)O.D.
30' (9.1m)	7.50" (191mm)O.D.	3.30" (84mm)O.D.
32' (9.7m)	8.50" (216mm)O.D.	4.02" (102mm)O.D.
35' (10.7m)	8.50" (216mm)O.D.	3.60" (91mm)O.D.
39' (11.9m)	9.00" (229mm)O.D.	3.54" (90mm)O.D.



ARRA
Funding Compliant



Project Name: _____

Date: _____

Location: _____

Notes: _____

RTS SERIES ROUND TAPERED STEEL POLE

ORDERING INFORMATION SELECT APPROPRIATE CHOICE FROM EACH COLUMN TO FORMULATE ORDER CODE.

Refer to example below.

SERIES	MOUNT	MATERIAL	HEIGHT ²	MOUNTING CONFIGURATION	POLE FINISH	OPTIONS
RTS	BO Bolt-On Mount, See pole selection guide for patterns and fixture matches ¹ B5 5" Traditional drilling pattern B3 3" Reduced drilling pattern B2 2" Drilling pattern SF Slipfitter I Internal Slipfitter, No Drill, No Tenon	S11G 11 Ga. Steel S07G 07 Ga. Steel (39" only)	20' 22' 22' 6" 25' 27' 30' 32' 35' 39'	S Single/Parallel D180 D180° Double D90 D90° Double DN90 DN90° Double T90 T90° Triple TN120 TN120° Triple Q90 Q90° Quad	BRZ Bronze BLK Black PLP Platinum Plus WHT White SVG Satin Verde Green GPT Graphite MSV Metallic Silver BZA Alternate Bronze CC Custom Color	GA Galvanized Anchor Bolts SF Single Flood ³ DF Double Flood ³ DGP DuraGrip® Plus LAB Less Anchor Bolts OSXX Pole preparation for PMOS Occupancy Sensor ⁴ NO No Options
	N Round Tapered Pole for Tenon Mount		Height Restrictions, Consult Pole Selection Chart on opposite page	N Tenon Mount (Standard tenon size is 2-3/8" O.D.)	Standard SF and DF pole preparations are located 3/4 of the height of the pole from the base, except on 20' poles. Maximum height for DSF and DF pole preparations on 20' pole is 13' from the base.	
ORDER:						
WLS-RTS						

Example: WLS-RTS-B5-S07G-25-S-PLP-NO

ACCESSORY ORDERING INFORMATION (Accessories are field installed)			
Description	Order Number	Description	Order Number
20 SRTBC Square Base Cover	158388CLR	ER2 – Weatherproof RTP Duplex Receptacle	122568CLR
25 SRTBC Square Base Cover	158390CLR	GFI – Ground Fault RTP Circuit Interrupter	122569CLR
30 SRTBC Square Base Cover	158392CLR	PMOS120 - 120V Occupancy Sensor	518030CLR ⁵
35 SRTBC Square Base Cover	122557CLR	PMOS208/240 - 208, 240V Occupancy Sensor	534239CLR ⁵
39 SRTBC Square Base Cover	155887CLR	PMOS277 - 277V Occupancy Sensor	218029CLR ⁵
MH5 – Mounting Hole Plugs for use with 5" traditional drill pattern (1 set of 3 plugs)	132336	PMOS480 - 480V Occupancy Sensor	534240CLR ⁵
MH3 – Mounting Hole Plugs for use with 3" traditional drill pattern (1 set of 3 plugs)	681126		

FOOTNOTES:

- | | |
|--|---|
| 1 See Area Light brackets - 3" Reduced Drill Pattern and Area Light Brackets - 5" Traditional Drill Pattern spec sheets. | 4 Order PMOS separately. Change "XX" to indicate height and side of pole location for pole preparation. EX: 0518A indicates preparation is to be 18ft. up from pole base on side A. Optimal distance from ground to sensor is 20ft. |
| 2 Pole heights will have +/- 1/2" tolerance. | 5 OSXX option required. Not for use with Metal Halide fixtures. |
| 3 See Flood Lighting Brackets Section for choice of FBO brackets. | |

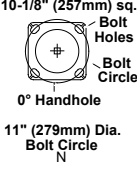
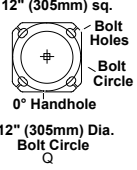



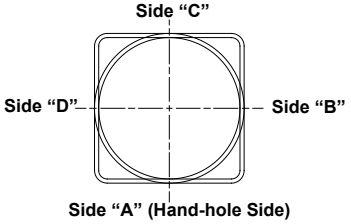
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RTS SERIES ROUND TAPERED STEEL POLE

BOLT CIRCLE			
			
	N	Q	S
Bolt Circle	Slotted 11" (279mm)	Slotted 12" (305mm)	Slotted 12" (305mm)
Anchor Bolt Size	1" x 36" (25mm x 914mm)	1" x 36" (25mm x 914mm)	1-1/4" x 42" (32mm x 1067mm)
Anchor Bolt Projection	4" (102mm)	4" (102mm)	5" (127mm)
Base Plate Dimensions	10-1/8" sq. x 1" thick. (257mm x 25mm)	12" sq. x 1" thick. (305mm x 25mm)	12" sq. x 1-1/4" thick. (305mm x 32mm)
Note: Base plate illustrations may change without notice. Do not use for setting anchor bolts. Consult factory for the base plate templates.			

DRILLING LOCATIONS				
				
Sides	A	B	C	D
Hand-Hole	X			
Single	X			
D180°		X		X
D90°	X			X
T90°	X	X		X
TN120°*	X			
Q90°	X	X	X	X
Single FBO	X			
Double FBO		X		X
* Other two locations will be 120o to the left and right side of A.				
Note: Standard SF and DF pole preparations are located 3/4 of the height of the pole from the base, except on 20' poles. Maximum height for SF and DF pole preparations on 20' poles is 13' from the base.				



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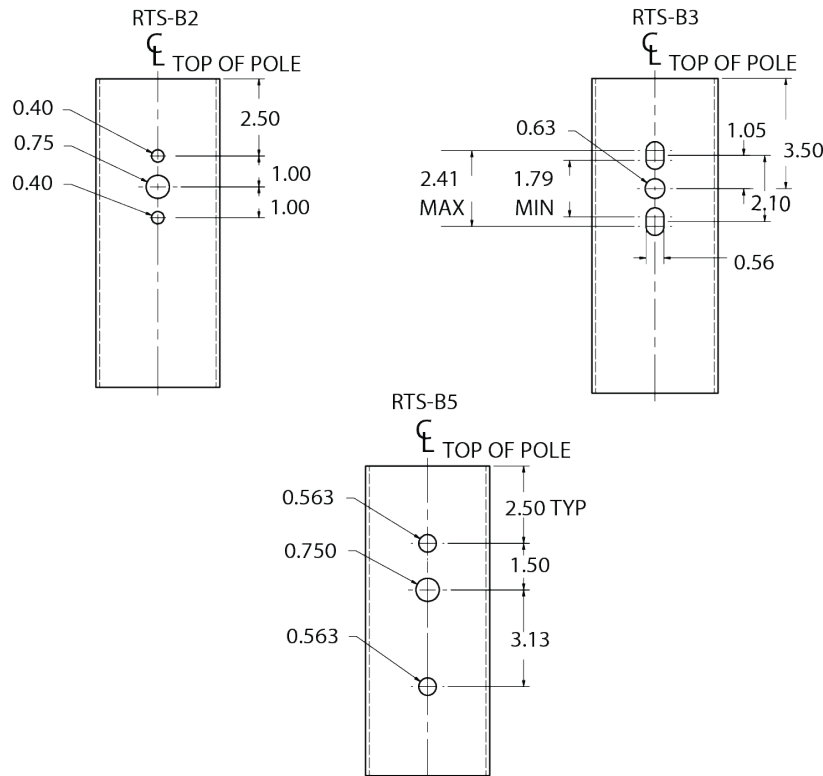
Use ONLY with "Wind Speed Map for ASCE7-10

STEEL ROUND POLES - ASCE7-10													
POLE	Mtg. Height Length (ft)	Wall Thick (GA)	Bolt Circle Dia. (in)	Bolt Circle Anchor Bolt Dia. (in)	110 MPH	115 MPH	120 MPH	130 MPH	140 MPH	150 MPH	160 MPH	170 MPH	180 MPH
4" x 10GA X 14'	14	10	11	0.75	7.7	5.2	4.7	3.9	3.2	2.7	2.3	2.0	1.7
4" x 10GA x 16'	16	10	11	0.75	4.3	3.7	3.2	2.6	2.1	1.8	1.4	1.2	1.0
4" x 10GA x 18'	18	10	11	0.75	7.7	6.8	6.0	5.0	4.2	3.5	3.0	2.5	2.2
4" x 10GA x 20'	20	10	11	0.75	6.0	5.2	4.6	3.7	3.1	2.5	2.1	1.8	1.5
4" x 10GA x 22'	22	10	11	0.75	4.6	3.9	3.3	2.6	2.1	1.7	1.4	1.1	0.9
4" x 10GA x 24'	24	10	11	0.75	3.4	2.7	2.2	1.7	1.3	1.0	0.7	0.5	0.0
5" x 11GA x 16'	16	11	11	0.75	8.7	7.9	7.2	6.0	5.0	4.3	3.7	3.2	2.8
5" x 11GA x 18'	18	11	11	0.75	12.2	11.1	10.1	8.5	7.2	6.1	5.3	4.6	4.0
5" x 11GA x 20'	20	11	11	0.75	10.0	9.1	8.2	6.8	5.7	4.9	4.2	3.6	3.1
5" x 11GA x 22'	22	11	11	0.75	8.1	7.3	6.6	5.5	4.5	3.8	3.2	2.8	2.4
5" x 11GA x 24'	24	11	11	0.75	6.5	5.9	5.3	4.3	3.5	2.9	2.4	2.0	1.7
5" x 11GA x 26'	26	11	11	1.00	5.2	4.6	4.1	3.2	2.6	2.1	1.7	1.4	1.1
5" x 7GA x 18'	18	7	11	1.00	19.7	17.9	16.4	13.8	11.7	10.1	8.8	7.7	6.8
5" x 7GA x 20'	20	7	11	1.00	16.5	15.0	13.7	11.5	9.8	8.4	7.3	6.3	5.6
5" x 7GA x 22'	22	7	11	1.00	14.0	12.7	11.5	9.6	8.1	7.0	6.0	5.2	4.6
5" x 7GA x 24'	24	7	11	1.00	11.8	10.6	9.6	8.0	6.8	5.7	4.9	4.2	3.7
5" x 7GA x 26'	26	7	11	1.00	9.9	8.9	8.0	6.7	5.6	4.7	4.0	3.4	2.9
5" x 7GA x 28'	28	7	11	1.00	8.3	7.4	6.7	5.4	4.5	3.7	3.1	2.7	2.3
5" x 7GA x 30'	30	7	11	1.00	6.8	6.1	5.4	4.4	3.6	2.9	2.4	2.0	1.7

All WLS Lighting poles are guaranteed to meet the EPA requirements listed. WLS 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. WLS Lighting cannot accept responsibility for harm or damage caused in these situations.

Bolt-On Mount 2-Bolt Pattern



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