

RTA SERIES ROUND TAPERED ALUMINUM POLE

SPECIFICATIONS

POLE SHAFT

The pole shaft is spun from seamless alloy aluminum. On Tenon Mount poles, tenon is 2-3/8" O.D. x 4" tall high-strength pipe.

HAND HOLE

On listed poles 20' and under, standard non-reinforced hand-hole is 2" x 4". For poles with greater EPA rating, reinforced hand hole is available as an option; consult factory. Listed poles 25' and above have a 4" x 6" reinforced hand-hole as standard. Hand-hole gasket and cover are provided. Hand-hole is located 12" above pole base on poles with 5" O.D. bottom and 18" above pole base on poles with 6", 8" or 9" O.D. bottom (see Pole Selection Chart below). Optional festoon for GFI receptacle (with or without GFI Kit supplied) is available. Minimum height for location of festoon is 18" above standard hand hole.

BASE

Pole base is cast from 356 alloy aluminum. Completed assembly is heat-treated to a T6 temper. Aluminum nut covers are included with anchor base.

BASE COVERS

Aluminum nut covers are included with anchor base. Optional one-piece round spun aluminum collars are available for poles with 5", 6" or 8" O.D. bottom (see Pole Selection Chart below). Must be ordered separately.

ANCHOR BOLTS

Set of four anchor bolts conform to ASTM F1554 Grade 55. Each bolt is provided with two hex nuts and two flat washers. Bolts have an "L" bend on one end and are galvanized a minimum of 12" on the threaded end.

GROUND LUG

Ground lug is standard.

GROUND FAULT CIRCUIT INTERRUPTER

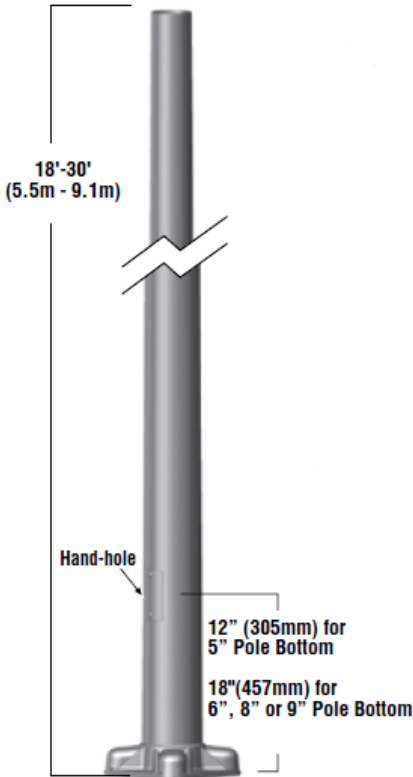
Ground fault circuit interrupter kit is optional. Pole Preparation (festoon) with GFI Kit must be ordered. Specify location in feet above base of pole and side orientation. Minimum height for location of festoon is 18" above standard hand hole.

FINISHES

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

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 map).
- Confirm pole EPA equal to or exceeding value from note above
- Confirm total luminaire/bracket weight does not exceed maximum weight shown in chart below
- Consult factory for special wind load requirements and banner brackets



RTPN -
N = 2-3/8" (60mm) O.D.
x 4" (102mm)
Tall Tenon



RTPB5 -
Bolt-On Mount,
2-Bolt Pattern



Nut Covers
(Standard)

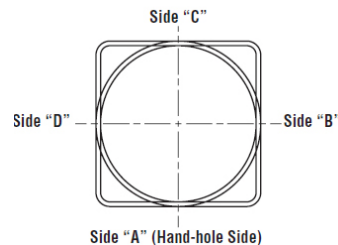


One-Piece Spun
Aluminum Collar
(Optional)



Made in the U.S.A. of the U.S. and imported parts.
Meets Buy American requirements for ARRA.

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

* Other two locations will be 120° to the left and right side of A.

Project Name: _____

Date: _____

Location: _____

Notes: _____

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

Refer to example below.

SERIES	POLE SERIES	MATERIAL	HEIGHT ¹	MOUNTING CONFIGURATION	POLE FINISH	OPTIONS
RTA	Bolt-On Mount ¹ See selection guide for patterns and fixture matches. RTPB5 5" Traditional Drilling Pattern	A125 .125 Aluminum A156 .156 Aluminum A188 .188 Aluminum A250 .250 Aluminum	18 17'-8" 20 19'-8" 25 24'-8" 30 29'-8"	S Single/Parallel D180 D180° Double D90 D90° Double T90 T90° Triple TN120 TN120° Triple Q90 Q90° Quad	BRZ Bronze BLK Black WHT White SVG Satin Verde Green MSV Metallic Silver	RHH Reinforced Hand-hole for poles 20' and under ³ FP Festoon Outlet Provision Less GFI Kit4 FPG Festoon Outlet Provision With GFI Kit4 LAB Less Anchor Bolts
	Tenon Mount See selection guide for tenon and fixture/bracket matches. RTPN			N Tenon Mount		

ORDER:

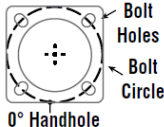
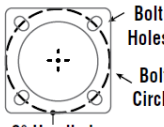
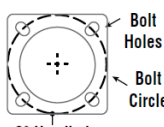
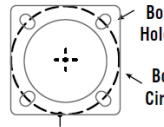
WLS-RTA						
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Example: WLS-RNTS-5RPB5-S07G-24-S-PLP-NO-NA

FOOTNOTES:

- Standard pole cap provided.
- Pole heights will have +/- 2" tolerance.
- Reinforced hand-holes are 3" x 5" on poles with 5" or 6" O.D. bottom and located 18" above pole base.
- Specify location in feet above base of pole and side orientation. Minimum height is 18" above standard hand hole.

BOLT CIRCLE

	5" (127mm) O.D. Pole Bottom 9-5/8" (244mm) square base plate	6" (152mm) O.D. Pole Bottom 10-5/16" (262mm) square base plate	8" (203mm) O.D. Pole Bottom 12-1/16" (306mm) square base plate	9" (229mm) O.D. Pole Bottom 12-1/2" (317mm) square base plate
				
	0° Handhole 8-5/8" (219mm) Dia. Bolt Circle +/- 7/8" (22mm)	0° Handhole 9-1/2" (241mm) Dia. Bolt Circle +/- 3/4" (19mm)	0° Handhole 11-5/8" (295mm) Dia. Bolt Circle +/- 3/8" (9mm)	0° Handhole 13-1/4" (337mm) Dia. Bolt Circle +/- 3/4" (19mm)
	F	X	Y	Z
Bolt Circle	8-5/8" +/- 7/8" (219mm +/- 22mm)	9-1/2" +/- 3/4" (241mm +/- 19mm)	11-5/8" +/- 3/8" (295mm +/- 9mm)	13-1/4" +/- 3/4" (337mm +/- 19mm)
Anchor Bolt Size	3/4" dia. x 17" x 3" hook (19mm x 432mm x 76 mm)	3/4" dia. x 17" x 3" hook (19mm x 432mm x 76 mm)	1" dia. x 36" x 4" hook (25mm x 914mm x 102mm)	1" dia. x 36" x 4" hook (25mm x 914mm x 102mm)
Anchor Bolt Projection	3-1/4" (83mm)	3-1/2" (89mm)	4-1/8" (105mm)	4-1/8" (105mm)
Base Plate Dimensions	9-5/8" sq. x 5/8" thk. (244mm x 16mm)	10-5/16" sq. x 5/8" thk. (262mm x 16mm)	12-1/16" sq. x 3/4" thk. (306mm x 19mm)	12-1/2" sq. x 1-1/4" thk. (317mm x 32mm)

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

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-3-94, consult factory.



1919 Windsor Place
Fort Worth, TX 76110
800.622.8711

www.wslighting.com

Project Name: _____

Date: _____

Location: _____

Notes: _____

01 REV. 02/19

Specifications subject to change without notice.