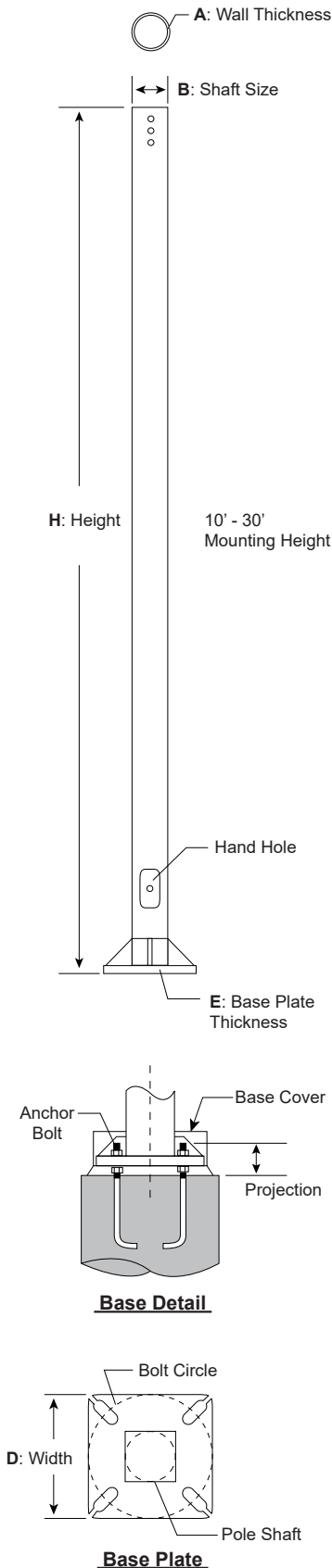


RSS

ROUND STRAIGHT STEEL



DESIGN:

The standards as shown in this section are design to withstand dead loads and theoretical dynamic loads developed by variable wind speeds as charted with an appropriate gust factor under the following conditions: The luminaire(s) and/or mounting bracket(s) center of gravity is assumed to be located at the pole top for all designs. For purposes of design, effective projected area (EPA) is considered to be the product of the actual projected area and the drag coefficient. The listed weights include luminaire(s) and/or mounting bracket(s). The wind velocities are based on 10 mph increments from 80 mph through 100 mph. Standards to be located in areas of known abnormal conditions require special consideration. For example: coastal areas, airports and areas of special winds such as the Chinook type along the eastern slope of the Rocky Mountains.

POLE SHAFT:

The pole shall be a one section design fabricated from standard 11 gauge (0.120") steel or 7 gauge (0.180"). Each section shall be fabricated from hot rolled carbon steel. Hot dipped galvanized to ASTM A500 grade B with a minimum yield strength of 46,000 psi.

HAND HOLE:

The reinforcing hand hole rim consists of a nominal 3" x 5" rectangular shaped tubing material. It is provided with a cover plate, attachment bar and machine screw.

GROUNDING:

Shaft is furnished with ground bolt located inside pole on wall opposite hand hole and a ground bolt will be welded.

ANCHOR BOLTS:

Anchor bolts are hot dipped galvanized in accordance to ASTM-F1554 A55. Anchor bolts are fabricated from hot rolled steel bar with a minimum yield strength of 55,000 psi. Four anchor bolts are provided per pole. Each anchor bolt is furnished with two hex nuts and two flat washers and one lock washer.

ANCHOR BASE PLATE:

The anchor base is fabricated from structural quality hot rolled carbon steel with a minimum yield strength of 36,000 psi. The base plate telescopes the pole shaft and is circumferentially welded top and bottom. The base is provided with bolt slots.

POLE BASE COVER:

The base cover is fabricated from hot-rolled carbon steel. The covers are two piece assemblies secured together with two fasteners. (Square base cover is standard and Round cover is optional)

POLE TOP:

All poles come with a removable polymer pole cap installed. Optional to add pole top tenons.

FINISH:

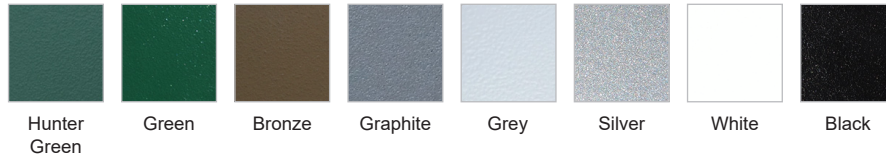
All pole, mounting brackets and platforms are furnished with powder coated or hot dipped galvanized.

EPA (ft²) with 1.3 gust

MOD Number	Wall	Shaft Size	HT.	Base Plate		Bolt Circle	Anchor Bolts	EPA 100 MPH	MAX WT.		
	A	B	H	D	E						
RSS-11-410	.120"	4" OD.	10'	* Contact factory.				12.2	225#		
RSS-11-412			12'					9.5	165#		
RSS-11-414			14'					7.7	135#		
RSS-11-416			16'					6.0	110#		
RSS-11-418			18'					4.8	100#		
RSS-11-420			20'					3.8	100#		
RSS-7-420	.180"	4" OD.	20'					7.0	135#		
RSS-7-424			24'					3.4	100#		
RSS-11-516	.120"	5" OD.	16'					8.3	250#		
RSS-11-518			18'					6.7	175#		
RSS-11-520			20'					5.4	150#		
RSS-11-525	.180"	5" OD.	25'					4.3	125#		
RSS-7-518			18'					12.6	325#		
RSS-7-520			20'					10.3	275#		
RSS-7-525			25'					8.2	250#		
RSS-7-618			.180"					6" OD.	18'	16.4	375#
RSS-7-620									20'	13.3	325#
RSS-7-625	25'	10.6							300#		
RSS-7-628	28'	9.2		250#							
RSS-7-630	30'	8.1		225#							

RSS

ROUND STRAIGHT STEEL



OPTIONS:

AT: 2-3/8"OD x 4" Tenon
BT: 2-7/8"OD x 4" Tenon
CT: 3"OD x 4" Tenon
BC: Base Cover
DR: Duplex Receptacle
GFI: Ground Fault Inter

FINISH:

HGR: Hunter Green ¹
GN: Green ¹
BZ: Bronze ¹
GRP: Graphite ¹
GR: Grey ¹
SV: Silver ¹
WT: White ¹
BK: Black ¹
GA: Hot Dip Galvanized ²
CC: Custom Color ²

ORDER GUIDE :

MODEL	OPTION	FINISH
RSS-7-420	BC	BZ

NOTES:

- 1. Standard finish, free of charge.
- 2. Non-standard finish with extra charge, please contact factory for more information.