

RSS SERIES POLES

ROUND STRAIGHT STEEL

Cat.#

Job

Type

Approvals

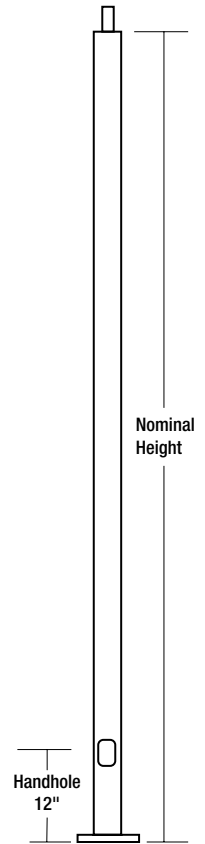


APPLICATIONS

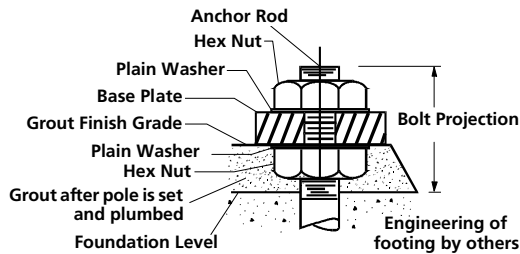
- Lighting installations for side and top mounting of luminaires with effective projected area (EPA) not exceeding maximum allowable loading of the specified pole in its installed geographic location.

FEATURES

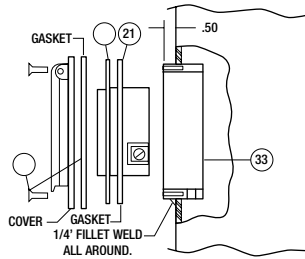
- Round straight steel shaft
- One-piece construction
- BASE COVER: Two-piece square aluminum base cover included standard.
- POLE CAP: Pole shaft covered with removable non-metallic cover when applicable. Tenon and post-top configurations also available.
- Side, tenon, or pad mounting available (Group 1: OT and TA selections only)
- Ground provision standard
- Galvanized anchor bolts and template included (4-bolt design) (Group 1: non-galvanized anchor bolts)
- Gasketed hand hole cover standard (3"x5")(Group 2 only)
- Optional round base cover (Group 2 only)
- ANCHOR BOLTS: Four galvanized anchor bolts provided per pole with minimum yield of 55,000 psi (modified ASTM-A36). Galvanized hardware with two washers/nuts per bolt for leveling meet or exceed bolt strength.
- FINISH: Durable Lektrocote® TGIC thermoset polyester powder coat paint finish with nominal 3.0 mil thickness. Zinc-rich powder paint prime applied over "white metal" steel substrate cleaned via mechanical shot blast method. Decorative finish coat available in seven standard colors. Custom colors available. RAL number preferable. Internal protective coating available.



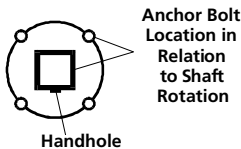
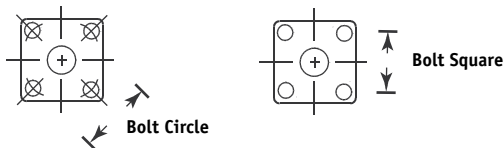
BASE DETAIL



15 AMP GFCI RECEPTACLE & COVER



Q18 OPTION



ORDERING INFORMATION

Catalog Number	Pole Ht.		Nominal Shaft Dim.	Wind Load Rating ¹				Wall Thick.	Bolt Circle (Sug.)	Bolt Circle	Bolt Sq.	Base Plate (sq.)	Anchor Bolt Size	Bolt Prj.	Pole Wt (lbs)
	ft	m		70 MPH	80 MPH	90 MPH	100 MPH								
Group 1															
RSS-08-30-1-XX-XX	8	2.44	3"	15.0	11.6	9.0	7.2	.119"	-	8"	5.7"	8.50 x 0.50"	1/2 x 15 x 3"	3.12"	45
Group 2															
RSS-10-40-3-XX-XX	10	3.05	4"	25.0	23.8	18.6	15.0	.226"	8"	7.5 - 11"	5.3 - 7.7"	10.25 x 0.75"	3/4 x 30 x 3"	4"	116
RSS-10-45-1-XX-XX	10	3.05	4.5"	25.0	22.0	17.2	14.2	.119"	11"	7.5 - 11"	5.3 - 7.7"	10.25 x 0.75"	3/4 x 30 x 3"	4"	71
RSS-10-50-7-XX-XX	10	3.05	5"	25.0	25.0	25.0	25.0	.179"	11"	8 - 11"	5.7 - 7.7"	10.25 x 1"	3/4 x 30 x 3"	4"	110
RSS-12-40-3-XX-XX	12	3.66	4"	25.0	19.2	15.0	12.0	.226"	8"	7.5 - 11"	5.3 - 7.7"	10.25 x 0.75"	3/4 x 30 x 3"	4"	135
RSS-12-45-1-XX-XX	12	3.66	4.5"	23.4	18.0	13.8	11.2	.119"	11"	7.5 - 11"	5.3 - 7.7"	10.25 x 0.75"	3/4 x 30 x 3"	4"	84
RSS-12-50-7-XX-XX	12	3.66	5"	25.0	25.0	25.0	22.6	.179"	11"	8 - 11"	5.7 - 7.7"	10.25 x 1"	3/4 x 30 x 3"	4"	130
RSS-14-40-3-XX-XX	14	4.27	4"	17.2	12.8	10.0	7.8	.226"	8"	7.5 - 11"	5.3 - 7.7"	10.25 x 0.75"	3/4 x 30 x 3"	4"	153
RSS-14-45-1-XX-XX	14	4.27	4.5"	16.0	12.0	9.2	7.4	.119"	11"	7.5 - 11"	5.3 - 7.7"	10.25 x 0.75"	3/4 x 30 x 3"	4"	94
RSS-14-50-7-XX-XX	14	4.27	5"	25.0	23.4	18.8	15.0	.179"	11"	8 - 11"	5.7 - 7.7"	10.25 x 1"	3/4 x 30 x 3"	4"	150
RSS-16-40-3-XX-XX	16	4.88	4"	13.8	11.8	8.8	6.8	.226"	8"	7.5 - 11"	5.3 - 7.7"	10.25 x 0.75"	3/4 x 30 x 3"	4"	171
RSS-16-45-1-XX-XX	16	4.88	4.5"	14.4	10.6	8.2	6.4	.119"	11"	7.5 - 11"	5.3 - 7.7"	10.25 x 0.75"	3/4 x 30 x 3"	4"	105
RSS-16-50-7-XX-XX	16	4.88	5"	25.0	21.4	17.2	13.8	.179"	11"	8 - 11"	5.7 - 7.7"	10.25 x 1"	3/4 x 30 x 3"	4"	170
RSS-18-40-3-XX-XX	18	5.49	4"	13.2	9.6	7.2	5.4	.226"	8"	7.5 - 11"	5.3 - 7.7"	10.25 x 0.75"	3/4 x 30 x 3"	4"	189
RSS-18-45-1-XX-XX	18	5.49	4.5"	12.0	8.6	6.2	5.2	.119"	11"	7.5 - 11"	5.3 - 7.7"	10.25 x 0.75"	3/4 x 30 x 3"	4"	116
RSS-18-50-7-XX-XX	18	5.49	5"	24.0	18.2	14.4	11.6	.179"	11"	8 - 11"	5.7 - 7.7"	10.25 x 1"	3/4 x 30 x 3"	4"	190
RSS-20-40-3-XX-XX	20	6.10	4"	11.0	8.0	5.6	4.2	.226"	8"	7.5 - 11"	5.3 - 7.7"	10.25 x 0.75"	3/4 x 30 x 3"	4"	208
RSS-20-45-1-XX-XX	20	6.10	4.5"	10.0	7.0	5.2	4.0	.119"	11"	7.5 - 11"	5.3 - 7.7"	10.25 x 0.75"	3/4 x 30 x 3"	4"	127
RSS-20-50-7-XX-XX	20	6.10	5"	20.8	15.5	12.2	9.8	.179"	11"	8 - 11"	5.7 - 7.7"	10.25 x 1"	3/4 x 30 x 3"	4"	210
RSS-20-60-3-XX-XX	20	6.10	6"	25.0	25.0	25.0	21.0	.259"	11"	9 - 11"	6.4 - 7.7"	10.25 x 1"	3/4 x 30 x 3"	4"	322
RSS-25-45-1-XX-XX	25	7.62	4.5"	6.2	3.8	2.4	1.6	.119"	11"	7.5 - 11"	5.3 - 7.7"	10.25 x 0.75"	3/4 x 30 x 3"	4"	171
RSS-25-50-7-XX-XX	25	7.62	5"	14.7	10.4	8.0	6.2	.179"	11"	8 - 11"	5.7 - 7.7"	10.25 x 1"	1 x 36 x 4"	4"	260
RSS-25-60-3-XX-XX	25	7.62	6"	25.0	24.4	19.0	15.4	.259"	11"	9 - 11"	6.4 - 7.7"	10.25 x 1"	1 x 36 x 4"	4"	399
RSS-30-60-3-XX-XX	30	9.14	6"	21.6	16.4	12.8	10.2	.259"	11"	9 - 11"	6.4 - 7.7"	10.25 x 1"	1 x 36 x 4"	4"	475

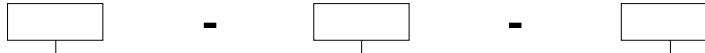
1 Allowable EPA with 1.3 gust factor; To determine maximum pole loading weight, multiply allowable EPA by 30 lbs; Example: RSS-20-40-3 pole in 80 MPH zone = 240 lbs (8.0 x 30); Published allowable EPA values based upon calculations of Spaulding Lighting; Allowable EPA values for projects requiring AASHTO methodology are available upon request

Note: Factory supplied template must be used when setting anchor bolts; Hubbell Lighting will deny any claim for incorrect anchorage placement resulting from failure to use factory supplied template and anchor bolts

COMPLETE PART NUMBER REQUIRES SHAFT ABOVE PLUS MOUNTING TYPE, FINISH & APPROPRIATE OPTIONS BELOW

ORDERING INFORMATION ORDERING EXAMPLE: RSS-10-45-1-A1-DB-Q55

Complete part number requires shaft above plus mounting type, finish, and appropriate options below.



MOUNTING TYPE		MOUNTING TYPE (con't)		FINISH		OPTIONS		OPTIONS (con't)	
AX¹	Side - single	TA	Tenon (2 3/8" OD)	DB	Dark Bronze	Q55	Internal coating (Hubbell Seal)	Q30²	2" coupling
BX¹	Side - double at 90°	TB	Tenon (2 7/8" OD)	BL	Black	Q18²	15A GFCI receptacle & cover	Q32²	Mid-pole luminaire bracket (12" long w/ 3/8" OD tenon)
CX¹	Side - double at 180°	CD	Concord luminaire	WH	White	Q22²	Extra hand hole	Q42	2nd mode vibration damper
DX¹	Side - triple at 90°	OT	Open top (for post-top luminaires)	GR	Gray	Q26²	1/2" coupling	Q46	Round Base Cover (Group 2 only)
EX¹	Side - triple at 120°			RD	Red (premium color)	Q27²	3/4" coupling	LAB	Less anchor bolts
P1	Pad mount - spider type			FG	Forest Green (premium color)				
P2	Pad mount - yoke type			CC	Custom Color (consult factory)				
				PR	Primer only				

1 DRILL PATTERNS: Replace X with the following numbers to indicate the appropriate arm/hole pattern: 1 = AL, DL, MY, NK, OD, OR, SF, WN (Note on 4" diameter poles use #2 arm/hole pattern for the preceding luminaires); 2 = CL1, CM1, CM2, CR1, MSV, RCS (Raven), RCL (Raven); 4 = DS, MSS; 6 = DM, 9 = Devine RA Series

2 Specify option location using logic found in pole introduction pages; The location of all options must start a minimum of one foot above the hand hole and be located one foot apart from one another; Consult factory for any exceptions



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