

RF-S // ROUND TAPERED STEEL

PEDESTRIAN METAL POLE



King Luminaire

POLE SPECIFICATIONS

MATERIAL:
Round Tapered Steel

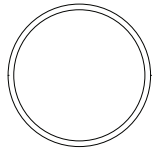
POLE HEIGHT:
10' - 18'

OPTIONS:
GFI - Ground Fault Receptacle
BA - Banner Arms
FPH - Flower Pot Holder
FH - Flag Holder

GRADE:
A36

FINISH:
Available in textured or smooth.

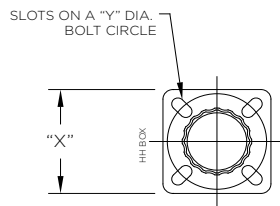
CROSS SECTION:



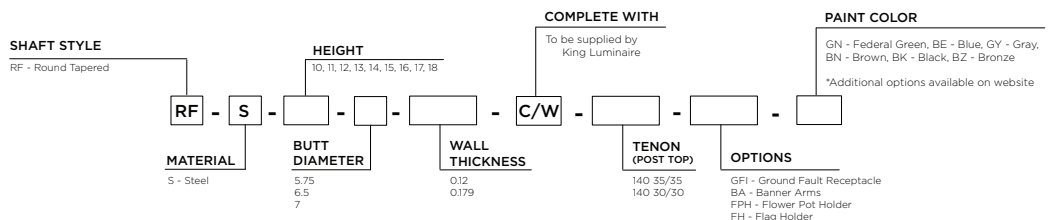
Round Tapered (RF)

BASEPLATE DETAILS

Pole		Baseplate		Bolt Circle		Anchor Bolts	
Butt Diameter (in)	Wall Thickness (in)	"X" Square (in)	Thickness (in)	"Y" Dia (in)	+/- (in)	Dia x Length x Hook (in)	Projection (in)
5.75	0.12	11.25	1	10	1	1 x 36 x 5	4.25
5.75	0.179	11.25	1	10	1	1 x 36 x 5	4.25
6.5	0.12	12.0625	1	11	1	1 x 36 x 5	4.25
6.5	0.179	12.0625	1	11	1	1 x 36 x 5	4.25
7	0.12	12.0625	1	11	0.75	1 x 36 x 5	4.25
7	0.179	12.0625	1	11	0.75	1 x 36 x 5	4.25



HOW TO ORDER



SHAFT DETAILS

RF-S PEDESTRIAN METAL POLE

RF Steel // Pole Details	Nominal Mounting Height (ft)	Catalog Code	Grade	Butt (in)	Tip (in)	Wall Thickness (in)	Handhole	Wt. (lbs) *
	10	RF-S-10-5.75-0.12	A36	5.75	4.35	0.12	3" x 5" Reinforced (MIN 9" AG)	100
	RF-S-10-5.75-0.179	A36	5.75	4.35	0.179	3" x 5" Reinforced (MIN 9" AG)	130	
	RF-S-10-6.5-0.12	A36	6.5	5.1	0.12	3" x 5" Reinforced (MIN 14" AG)	115	
	RF-S-10-6.5-0.179	A36	6.5	5.1	0.179	3" x 5" Reinforced (MIN 14" AG)	150	
11	RF-S-11-5.75-0.12	A36	5.75	4.21	0.12	3" x 5" Reinforced (MIN 9" AG)	105	
	RF-S-11-5.75-0.179	A36	5.75	4.21	0.179	3" x 5" Reinforced (MIN 9" AG)	138	
	RF-S-11-6.5-0.12	A36	6.5	4.96	0.12	3" x 5" Reinforced (MIN 14" AG)	121	
	RF-S-11-6.5-0.179	A36	6.5	4.96	0.179	3" x 5" Reinforced (MIN 14" AG)	159	
12	RF-S-12-5.75-0.12	A36	5.75	4.07	0.12	3" x 5" Reinforced (MIN 9" AG)	110	
	RF-S-12-5.75-0.179	A36	5.75	4.07	0.179	3" x 5" Reinforced (MIN 9" AG)	145	
	RF-S-12-6.5-0.12	A36	6.5	4.82	0.12	3" x 5" Reinforced (MIN 14" AG)	127	
	RF-S-12-6.5-0.179	A36	6.5	4.82	0.179	3" x 5" Reinforced (MIN 14" AG)	168	
13	RF-S-13-6.5-0.12	A36	6.5	4.68	0.12	3" x 5" Reinforced (MIN 14" AG)	133	
	RF-S-13-6.5-0.179	A36	6.5	4.68	0.179	3" x 5" Reinforced (MIN 14" AG)	177	
14	RF-S-14-6.5-0.12	A36	6.5	4.54	0.12	3" x 5" Reinforced (MIN 14" AG)	139	
	RF-S-14-6.5-0.179	A36	6.5	4.54	0.179	3" x 5" Reinforced (MIN 14" AG)	185	
	RF-S-14-7-0.12	A36	7	5.04	0.12	3" x 5" Reinforced (MIN 14" AG)	148	
	RF-S-14-7-0.179	A36	7	5.04	0.179	3" x 5" Reinforced (MIN 14" AG)	199	
15	RF-S-15-6.5-0.12	A36	6.5	4.4	0.12	3" x 5" Reinforced (MIN 14" AG)	145	
	RF-S-15-6.5-0.179	A36	6.5	4.4	0.179	3" x 5" Reinforced (MIN 14" AG)	193	
	RF-S-15-7-0.12	A36	7	4.9	0.12	3" x 5" Reinforced (MIN 14" AG)	154	
	RF-S-15-7-0.179	A36	7	4.9	0.179	3" x 5" Reinforced (MIN 14" AG)	208	
16	RF-S-16-6.5-0.12	A36	6.5	4.26	0.12	3" x 5" Reinforced (MIN 14" AG)	150	
	RF-S-16-6.5-0.179	A36	6.5	4.26	0.179	3" x 5" Reinforced (MIN 14" AG)	201	
	RF-S-16-7-0.12	A36	7	4.76	0.12	3" x 5" Reinforced (MIN 14" AG)	160	
	RF-S-16-7-0.179	A36	7	4.76	0.179	3" x 5" Reinforced (MIN 14" AG)	217	
17	RF-S-17-6.5-0.12	A36	6.5	4.12	0.12	3" x 5" Reinforced (MIN 14" AG)	155	
	RF-S-17-6.5-0.179	A36	6.5	4.12	0.179	3" x 5" Reinforced (MIN 14" AG)	209	
	RF-S-17-7-0.12	A36	7	4.62	0.12	3" x 5" Reinforced (MIN 14" AG)	166	
	RF-S-17-7-0.179	A36	7	4.62	0.179	3" x 5" Reinforced (MIN 14" AG)	225	
18	RF-S-18-7-0.12	A36	7	4.48	0.12	3" x 5" Reinforced (MIN 14" AG)	172	
	RF-S-18-7-0.179	A36	7	4.48	0.179	3" x 5" Reinforced (MIN 14" AG)	234	

* Weight includes the pole shaft and baseplate.

SHAFT LOADING

RF Steel // Loading	Nominal Mounting Height (ft)	Catalog Code	Design Information // AASHTO LTS-6, Latest Revision **									
			90 MPH		100 MPH		110 MPH		120 MPH		150 MPH	
			Max EPA (sq ft)	Max Load (lbs)	Max EPA (sq ft)	Max Load (lbs)	Max EPA (sq ft)	Max Load (lbs)	Max EPA (sq ft)	Max Load (lbs)	Max EPA (sq ft)	Max Load (lbs)
10	RF-S-10-5.75-0.12	34.2	500	27.5	400	22.7	400	19.0	300	12.0	300	
	RF-S-10-5.75-0.179	41.2	600	33.2	500	27.4	400	22.9	400	14.5	300	
	RF-S-10-6.5-0.12	44.9	600	36.3	500	29.8	400	25.1	400	15.9	300	
	RF-S-10-6.5-0.179	57.2	700	46.4	600	38.2	500	32.1	500	20.4	400	
11	RF-S-11-5.75-0.12	30.6	500	24.6	400	20.0	400	16.8	300	10.6	300	
	RF-S-11-5.75-0.179	36.8	500	29.6	400	24.3	400	20.3	400	12.8	300	
	RF-S-11-6.5-0.12	40.3	600	32.6	500	26.8	400	22.5	400	14.2	300	
	RF-S-11-6.5-0.179	50.9	700	41.2	600	34.0	500	28.6	400	18.1	300	

RF-S PEDESTRIAN METAL POLE

RF Steel // Loading

Nominal Mounting Height (ft)	Catalog Code	Design Information // AASHTO LTS-6, Latest Revision **									
		90 MPH		100 MPH		110 MPH		120 MPH		150 MPH	
		Max EPA (sq ft)	Max Load (lbs)	Max EPA (sq ft)	Max Load (lbs)	Max EPA (sq ft)	Max Load (lbs)	Max EPA (sq ft)	Max Load (lbs)	Max EPA (sq ft)	Max Load (lbs)
12	RF-S-12-5.75-0.12	27.6	400	22.0	400	18.0	300	15.0	300	9.5	200
	RF-S-12-5.75-0.179	33.1	500	26.5	400	21.7	400	18.2	300	11.4	300
	RF-S-12-6.5-0.12	36.5	500	29.5	400	24.2	400	20.2	400	12.8	300
	RF-S-12-6.5-0.179	45.8	600	37.0	500	30.4	500	25.6	400	16.2	300
13	RF-S-13-6.5-0.12	33.2	500	26.7	400	21.9	400	18.4	300	11.5	300
	RF-S-13-6.5-0.179	41.3	600	33.3	500	27.6	400	23.0	400	14.6	300
14	RF-S-14-6.5-0.12	30.3	500	24.3	400	19.9	300	16.7	300	10.4	300
	RF-S-14-6.5-0.179	37.8	500	30.3	500	25.0	400	20.9	400	13.2	300
	RF-S-14-7-0.12	35.9	500	29.0	400	23.8	400	19.9	300	12.5	300
	RF-S-14-7-0.179	45.5	600	36.8	500	30.2	500	25.4	400	16.0	300
15	RF-S-15-6.5-0.12	27.8	400	22.2	400	18.3	300	15.2	300	9.5	200
	RF-S-15-6.5-0.179	34.6	500	27.8	400	22.8	400	19.1	300	11.9	300
	RF-S-15-7-0.12	33.0	500	26.6	400	21.8	400	18.3	300	11.4	300
	RF-S-15-7-0.179	41.6	600	33.6	500	27.7	400	23.2	400	14.6	300
16	RF-S-16-6.5-0.12	25.7	400	20.4	400	16.7	300	13.9	300	8.7	200
	RF-S-16-6.5-0.179	31.7	500	25.4	400	20.8	400	17.4	300	10.9	300
	RF-S-16-7-0.12	30.4	500	24.5	400	20.0	400	16.8	300	10.4	300
	RF-S-16-7-0.179	38.4	500	30.8	500	25.4	400	21.2	400	13.4	300
17	RF-S-17-6.5-0.12	23.3	400	18.6	300	15.1	300	12.5	300	7.8	200
	RF-S-17-6.5-0.179	29.1	400	23.1	400	18.9	300	15.7	300	9.8	200
	RF-S-17-7-0.12	27.8	400	22.1	400	18.3	300	15.2	300	9.5	200
	RF-S-17-7-0.179	35.0	500	28.2	400	23.1	400	19.3	300	12.1	300
18	RF-S-18-7-0.12	25.5	400	20.2	400	16.7	300	13.8	300	8.6	200
	RF-S-18-7-0.179	32.0	500	25.7	400	21.0	400	17.6	300	11.0	300

** EPA represents the Effective Projected Area of the attachments on the pole. Designs are limited to post top luminaires or attachments located at or below the mounting height. Consult factory for poles supporting attachments located above the mounting height.

BASE COMPATIBILITY

Pole Butt Size	Split Bases							
	KSB10	KSB52	KSB16	KSB19	KSB70	KSB77	KSB76	KSB20
5.75								
6.5								
7								