

RE-S // ROUND NON-TAPERED STEEL

PEDESTRIAN METAL POLE

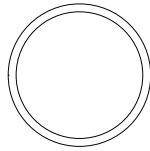


King Luminaire

POLE SPECIFICATIONS

MATERIAL: Round Non-Tapered Steel	POLE HEIGHT: 10' - 18'	OPTIONS: GFI - Ground Fault Receptacle BA - Banner Arms FPH - Flower Pot Holder FH - Flag Holder
GRADE: A500	FINISH: Available in textured or smooth.	

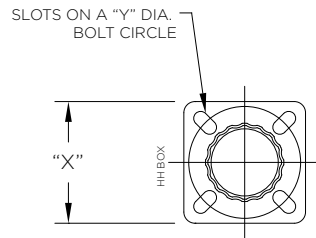
CROSS SECTION:



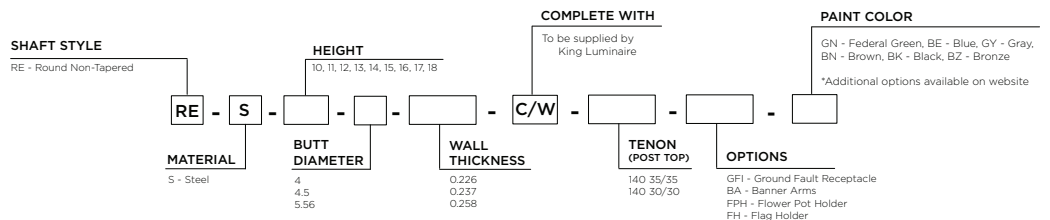
Round Non-Tapered (RE)

BASEPLATE DETAILS

Pole		Baseplate			Bolt Circle		Anchor Bolts	
Butt Diameter (in)	Wall Thickness (in)	"X" Square (in)	Thickness (in)	Corner Radius (in)	"Y" Dia (in)	+/- (in)	Dia x Length x Hook (in)	Projection (in)
4	0.226	11.25	0.75	1.75	10	1	0.75 x 27 x 3.75	3.25
4.5	0.237	11.25	0.75	1.75	10	1	0.75 x 27 x 3.75	3.25
5.56	0.258	11.25	1	1.75	10	1	1 x 36 x 5	4.25



HOW TO ORDER



SHAFT DETAILS

RE-S PEDESTRIAN METAL POLE

RE Steel // Pole Details

Nominal Mounting Height (ft)	Catalog Code	Grade	Butt (in)	Tip (in)	Wall Thickness (in)	Handhole	Wt. (lbs) *
10	RE-S-10-4-0.226	A500	4	4	0.226	2" x 4" (MIN 7.5" AG)	119
	RE-S-10-4.5-0.237	A500	4.5	4.5	0.237	2-1/2" x 5" (MIN 7.5" AG)	136
11	RE-S-11-4-0.226	A500	4	4	0.226	2" x 4" (MIN 7.5" AG)	128
	RE-S-11-4.5-0.237	A500	4.5	4.5	0.237	2-1/2" x 5" (MIN 7.5" AG)	146
12	RE-S-12-4-0.226	A500	4	4	0.226	2" x 4" (MIN 7.5" AG)	137
	RE-S-12-4.5-0.237	A500	4.5	4.5	0.237	2-1/2" x 5" (MIN 7.5" AG)	157
13	RE-S-13-4-0.226	A500	4	4	0.226	2" x 4" (MIN 7.5" AG)	146
	RE-S-13-4.5-0.237	A500	4.5	4.5	0.237	2-1/2" x 5" (MIN 7.5" AG)	168
	RE-S-13-5.56-0.258	A500	5.5625	5.5625	0.258	3" x 5" Reinforced (MIN 9" AG)	227
14	RE-S-14-4-0.226	A500	4	4	0.226	2" x 4" (MIN 7.5" AG)	155
	RE-S-14-4.5-0.237	A500	4.5	4.5	0.237	2-1/2" x 5" (MIN 7.5" AG)	179
	RE-S-14-5.56-0.258	A500	5.5625	5.5625	0.258	3" x 5" Reinforced (MIN 9" AG)	242
15	RE-S-15-4-0.226	A500	4	4	0.226	2" x 4" (MIN 7.5" AG)	164
	RE-S-15-4.5-0.237	A500	4.5	4.5	0.237	2-1/2" x 5" (MIN 7.5" AG)	190
	RE-S-15-5.56-0.258	A500	5.5625	5.5625	0.258	3" x 5" Reinforced (MIN 9" AG)	256
16	RE-S-16-4-0.226	A500	4	4	0.226	2" x 4" (MIN 7.5" AG)	174
	RE-S-16-4.5-0.237	A500	4.5	4.5	0.237	2-1/2" x 5" (MIN 7.5" AG)	201
	RE-S-16-5.56-0.258	A500	5.5625	5.5625	0.258	3" x 5" Reinforced (MIN 9" AG)	271
17	RE-S-17-4-0.226	A500	4	4	0.226	2" x 4" (MIN 7.5" AG)	183
	RE-S-17-4.5-0.237	A500	4.5	4.5	0.237	2-1/2" x 5" (MIN 7.5" AG)	211
	RE-S-17-5.56-0.258	A500	5.5625	5.5625	0.258	3" x 5" Reinforced (MIN 9" AG)	286
18	RE-S-18-4.5-0.237	A500	4.5	4.5	0.237	2-1/2" x 5" (MIN 7.5" AG)	222
	RE-S-18-5.56-0.258	A500	5.5625	5.5625	0.258	3" x 5" Reinforced (MIN 9" AG)	300

* Weight includes the pole shaft and baseplate.

SHAFT LOADING

RE 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	RE-S-10-4-0.226	13.6	300	10.7	300	9.0	200	7.4	200	4.5	200
	RE-S-10-4.5-0.237	17.8	300	14.1	300	11.4	300	9.8	200	6.1	200
11	RE-S-11-4-0.226	11.4	300	9.5	200	7.6	200	6.1	200	3.7	200
	RE-S-11-4.5-0.237	15.3	300	12.0	300	9.9	200	8.4	200	5.2	200
12	RE-S-12-4-0.226	9.9	200	8.0	200	6.3	200	5.0	200	3.0	200
	RE-S-12-4.5-0.237	13.1	300	10.1	300	8.6	200	7.1	200	4.3	200
13	RE-S-13-4-0.226	8.8	200	6.7	200	5.2	200	4.0	200	2.3	200
	RE-S-13-4.5-0.237	11.2	300	9.2	200	7.3	200	6.0	200	3.6	200
	RE-S-13-5.56-0.258	27.8	400	22.3	400	18.9	300	15.7	300	9.9	200
14	RE-S-14-4-0.226	7.4	200	5.6	200	4.2	200	3.2	200	1.8	200
	RE-S-14-4.5-0.237	9.9	200	7.9	200	6.2	200	5.1	200	3.0	200
	RE-S-14-5.56-0.258	24.7	400	19.9	300	16.8	300	14.0	300	9.0	200
15	RE-S-15-4-0.226	6.2	200	4.5	200	3.2	200	2.4	200	1.2	200
	RE-S-15-4.5-0.237	8.9	200	6.6	200	5.2	200	4.2	200	2.4	200
	RE-S-15-5.56-0.258	21.9	400	18.3	300	14.9	300	12.4	300	8.0	200

RE-S PEDESTRIAN METAL POLE

RE 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)
16	RE-S-16-4-0.226	5.0	200	3.5	200	2.4	200	1.7	200	0.7	200
	RE-S-16-4.5-0.237	7.6	200	5.5	200	4.2	200	3.4	200	1.9	200
	RE-S-16-5.56-0.258	19.9	300	16.3	300	13.2	300	11.0	300	7.1	200
17	RE-S-17-4-0.226	3.9	200	2.6	200	1.6	200	1.0	200	-	-
	RE-S-17-4.5-0.237	6.3	200	4.4	200	3.3	200	2.6	200	1.4	200
	RE-S-17-5.56-0.258	17.9	300	14.3	300	11.6	300	9.9	200	6.2	200
18	RE-S-18-4.5-0.237	5.1	200	3.4	200	2.5	200	1.9	200	0.9	200
	RE-S-18-5.56-0.258	15.7	300	12.5	300	10.1	300	8.9	200	5.4	200

** 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	KSB11	KSB16	KSB19	KSB20	KSB52	KSB70	KSB76	KSB77
4									
4.5									
5.56									

06-10-2024