

RE-A // ROUND NON-TAPERED ALUMINUM

PEDESTRIAN METAL POLE



King Luminaire

POLE SPECIFICATIONS

MATERIAL:
Round Non-Tapered Aluminum

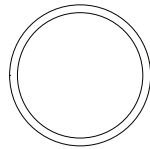
POLE HEIGHT:
10' - 18'

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

ALLOY:
6061-T6

FINISH:
Available in textured or smooth.

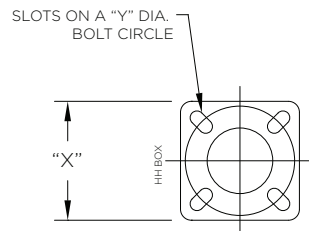
CROSS SECTION:



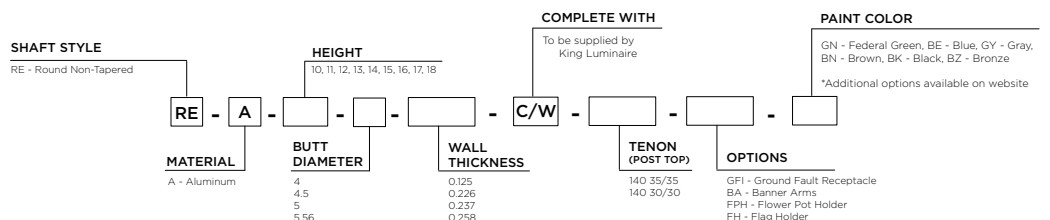
Round Non-Tapered (RE)

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	0.125	11.25	0.5	1.75	10	1	0.75 x 27 x 3.75	3
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	0.125	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	0.75 x 27 x 3.75	3.5



HOW TO ORDER



SHAFT DETAILS

RE-A PEDESTRIAN METAL POLE

RE ALUMINUM // Pole Details

Nominal Mounting Height (ft)	Catalog Code	Alloy	Butt (in)	Tip (in)	Wall Thickness (in)	Handhole	Wt. (lbs) *
10	RE-A-10-4-0.125	6061-T6	4	4	0.125	2" x 4" (MIN 7.5" AG)	25
	RE-A-10-4-0.226	6061-T6	4	4	0.226	2" x 4" (MIN 7.5" AG)	42
	RE-A-10-4.5-0.237	6061-T6	4.5	4.5	0.237	2-1/2" x 5" (MIN 7.5" AG)	48
11	RE-A-11-4-0.125	6061-T6	4	4	0.125	2" x 4" (MIN 7.5" AG)	27
	RE-A-11-4-0.226	6061-T6	4	4	0.226	2" x 4" (MIN 7.5" AG)	45
	RE-A-11-4.5-0.237	6061-T6	4.5	4.5	0.237	2-1/2" x 5" (MIN 7.5" AG)	52
12	RE-A-12-4-0.125	6061-T6	4	4	0.125	2" x 4" (MIN 7.5" AG)	29
	RE-A-12-4-0.226	6061-T6	4	4	0.226	2" x 4" (MIN 7.5" AG)	49
	RE-A-12-4.5-0.237	6061-T6	4.5	4.5	0.237	2-1/2" x 5" (MIN 7.5" AG)	56
13	RE-A-13-4-0.226	6061-T6	4	4	0.226	2" x 4" (MIN 7.5" AG)	52
	RE-A-13-4.5-0.237	6061-T6	4.5	4.5	0.237	2-1/2" x 5" (MIN 7.5" AG)	60
	RE-A-13-5-0.125	6061-T6	5	5	0.125	3" x 5" Reinforced (MIN 7.5" AG)	40
14	RE-A-14-4-0.226	6061-T6	4	4	0.226	2" x 4" (MIN 7.5" AG)	55
	RE-A-14-4.5-0.237	6061-T6	4.5	4.5	0.237	2-1/2" x 5" (MIN 7.5" AG)	63
	RE-A-14-5-0.125	6061-T6	5	5	0.125	3" x 5" Reinforced (MIN 7.5" AG)	42
15	RE-A-15-4-0.226	6061-T6	4	4	0.226	2" x 4" (MIN 7.5" AG)	58
	RE-A-15-4.5-0.237	6061-T6	4.5	4.5	0.237	2-1/2" x 5" (MIN 7.5" AG)	67
	RE-A-15-5-0.125	6061-T6	5	5	0.125	3" x 5" Reinforced (MIN 7.5" AG)	44
16	RE-A-16-4-0.226	6061-T6	4	4	0.226	2" x 4" (MIN 7.5" AG)	61
	RE-A-16-4.5-0.237	6061-T6	4.5	4.5	0.237	2-1/2" x 5" (MIN 7.5" AG)	71
	RE-A-16-5-0.125	6061-T6	5	5	0.125	3" x 5" Reinforced (MIN 7.5" AG)	47
	RE-A-16-5.56-0.258	6061-T6	5.56	5.56	0.258	3" x 5" Reinforced (MIN 9" AG)	96
17	RE-A-17-4.5-0.237	6061-T6	4.5	4.5	0.237	2-1/2" x 5" (MIN 7.5" AG)	75
	RE-A-17-5-0.125	6061-T6	5	5	0.125	3" x 5" Reinforced (MIN 7.5" AG)	49
	RE-A-17-5.56-0.258	6061-T6	5.56	5.56	0.258	3" x 5" Reinforced (MIN 9" AG)	101
18	RE-A-18-4.5-0.237	6061-T6	4.5	4.5	0.237	2-1/2" x 5" (MIN 7.5" AG)	79
	RE-A-18-5-0.125	6061-T6	5	5	0.125	3" x 5" Reinforced (MIN 7.5" AG)	51
	RE-A-18-5.56-0.258	6061-T6	5.56	5.56	0.258	3" x 5" Reinforced (MIN 9" AG)	106

* Weight includes the pole shaft and baseplate.

SHAFT LOADING

RE ALUMINUM // 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-A-10-4-0.125	4.7	200	3.4	200	2.5	200	1.9	200	1.0	200
	RE-A-10-4-0.226	9.0	200	7.0	200	5.5	200	4.4	200	2.6	200
	RE-A-10-4.5-0.237	11.4	300	9.0	200	7.2	200	6.0	200	3.6	200
11	RE-A-11-4-0.125	3.8	200	2.7	200	1.9	200	1.4	200	0.6	200
	RE-A-11-4-0.226	7.7	200	5.9	200	4.5	200	3.6	200	2.1	200
	RE-A-11-4.5-0.237	10.0	300	7.7	200	6.1	200	5.0	200	3.0	200
12	RE-A-12-4-0.125	3.1	200	2.1	200	1.3	200	0.9	200	-	-
	RE-A-12-4-0.226	6.6	200	5.0	200	3.7	200	2.9	200	1.6	200
	RE-A-12-4.5-0.237	8.7	200	6.6	200	5.2	200	4.2	200	2.5	200
13	RE-A-13-4-0.226	5.7	200	4.2	200	3.0	200	2.3	200	1.2	200
	RE-A-13-4.5-0.237	7.5	200	5.6	200	4.4	200	3.5	200	2.0	200
	RE-A-13-5-0.125	9.3	200	7.2	200	5.8	200	4.8	200	2.8	200

RE-A PEDESTRIAN METAL POLE

RE ALUMINUM // 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)
14	RE-A-14-4-0.226	4.8	200	3.4	200	2.4	200	1.7	200	0.8	200
	RE-A-14-4.5-0.237	6.5	200	4.7	200	3.6	200	2.9	200	1.6	200
	RE-A-14-5-0.125	8.1	200	6.2	200	5.0	200	4.1	200	2.3	200
15	RE-A-15-4-0.226	4.1	200	2.8	200	1.9	200	1.2	200	0.5	200
	RE-A-15-4.5-0.237	5.6	200	4.0	200	3.0	200	2.3	200	1.2	200
	RE-A-15-5-0.125	7.0	200	5.3	200	4.2	200	3.4	200	1.9	200
16	RE-A-16-4-0.226	3.4	200	2.2	200	1.3	200	0.8	200	-	-
	RE-A-16-4.5-0.237	4.8	200	3.3	200	2.4	200	1.8	200	0.9	200
	RE-A-16-5-0.125	6.1	200	4.5	200	3.5	200	2.8	200	1.5	200
	RE-A-16-5.56-0.258	13.5	300	10.7	300	8.7	200	7.2	200	4.3	200
17	RE-A-17-4.5-0.237	4.0	200	2.6	200	1.8	200	1.3	200	0.5	200
	RE-A-17-5-0.125	5.1	200	3.7	200	2.9	200	2.2	200	1.1	200
	RE-A-17-5.56-0.258	12.0	300	9.6	200	7.7	200	6.3	200	3.7	200
18	RE-A-18-4.5-0.237	3.3	200	2.0	200	1.3	200	0.9	200	-	-
	RE-A-18-5-0.125	4.2	200	3.0	200	2.3	200	1.7	200	0.8	200
	RE-A-18-5.56-0.258	10.7	300	8.5	200	6.8	200	5.5	200	3.2	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									
5.56									

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