

# RE-A // ROUND NON-TAPERED ALUMINUM

ROADWAY METAL POLE



**King Luminaire**

## POLE SPECIFICATIONS

**MATERIAL:**  
Round Non-Tapered Aluminum

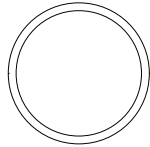
**POLE HEIGHT:**  
19' - 28'

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

**ALLOY:**  
6061-T6

**FINISH:**  
Available in textured or smooth.

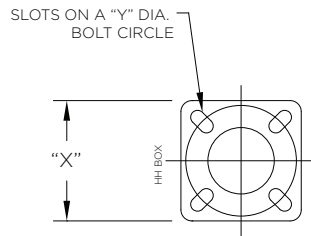
### CROSS SECTION:



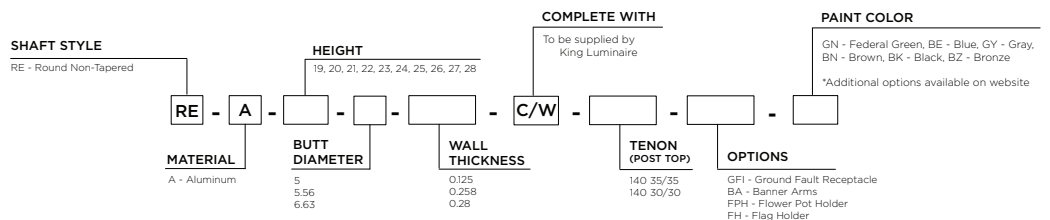
Round Non-Tapered (RE)

## 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)
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
6.63	0.28	12.0625	1	1.75	11	1	0.75 x 27 x 3.75	3.5



## HOW TO ORDER



# SHAFT DETAILS

# RE-A ROADWAY METAL POLE

RE ALUMINUM // Pole Details

Nominal Mounting Height (ft)	Catalog Code	Alloy	Butt (in)	Tip (in)	Wall Thickness (in)	Handhole	Wt. (lbs) *
19	RE-A-19-5-0.125	6061-T6	5	5	0.125	3" x 5" Reinforced (MIN 9" AG)	54.0
	RE-A-19-5.56-0.258	6061-T6	5.56	5.56	0.258	3" x 5" Reinforced (MIN 9" AG)	111.0
	RE-A-19-6.63-0.28	6061-T6	6.63	6.63	0.28	3" x 5" Reinforced (MIN 9" AG)	142.0
20	RE-A-20-5.56-0.258	6061-T6	5.56	5.56	0.258	3" x 5" Reinforced (MIN 9" AG)	116.0
	RE-A-20-6.63-0.28	6061-T6	6.63	6.63	0.28	3" x 5" Reinforced (MIN 9" AG)	149.0
21	RE-A-21-5.56-0.258	6061-T6	5.56	5.56	0.258	3" x 5" Reinforced (MIN 9" AG)	122.0
	RE-A-21-6.63-0.28	6061-T6	6.63	6.63	0.28	3" x 5" Reinforced (MIN 9" AG)	156.0
22	RE-A-22-5.56-0.258	6061-T6	5.56	5.56	0.258	3" x 5" Reinforced (MIN 9" AG)	127.0
	RE-A-22-6.63-0.28	6061-T6	6.63	6.63	0.28	3" x 5" Reinforced (MIN 9" AG)	162.0
23	RE-A-23-5.56-0.258	6061-T6	5.56	5.56	0.258	3" x 5" Reinforced (MIN 9" AG)	132.0
	RE-A-23-6.63-0.28	6061-T6	6.63	6.63	0.28	3" x 5" Reinforced (MIN 9" AG)	169.0
24	RE-A-24-5.56-0.258	6061-T6	5.56	5.56	0.258	3" x 5" Reinforced (MIN 9" AG)	137.0
	RE-A-24-6.63-0.28	6061-T6	6.63	6.63	0.28	3" x 5" Reinforced (MIN 9" AG)	176.0
25	RE-A-25-5.56-0.258	6061-T6	5.56	5.56	0.258	3" x 5" Reinforced (MIN 9" AG)	142.0
	RE-A-25-6.63-0.28	6061-T6	6.63	6.63	0.28	3" x 5" Reinforced (MIN 9" AG)	182.0
26	RE-A-26-5.56-0.258	6061-T6	5.56	5.56	0.258	3" x 5" Reinforced (MIN 9" AG)	147.0
	RE-A-26-6.63-0.28	6061-T6	6.63	6.63	0.28	3" x 5" Reinforced (MIN 9" AG)	189.0
27	RE-A-27-6.63-0.28	6061-T6	6.63	6.63	0.28	3" x 5" Reinforced (MIN 9" AG)	196.0
28	RE-A-28-6.63-0.28	6061-T6	6.63	6.63	0.28	3" x 5" Reinforced (MIN 9" AG)	203.0

\* 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)
19	RE-A-19-5-0.125	3.4	200	2.3	200	1.7	200	1.3	200	0.5	200
	RE-A-19-5.56-0.258	9.7	200	7.6	200	6.0	200	4.9	200	2.8	200
	RE-A-19-6.63-0.28	15.8	300	12.5	300	10.1	300	8.4	200	4.9	200
20	RE-A-20-5.56-0.258	8.6	200	6.7	200	5.3	200	4.2	200	2.4	200
	RE-A-20-6.63-0.28	14.4	300	11.4	300	9.2	200	7.6	200	4.3	200
21	RE-A-21-5.56-0.258	7.5	200	5.8	200	4.6	200	3.7	200	2.0	300
	RE-A-21-6.63-0.28	13.0	300	10.2	300	8.3	200	6.8	200	3.8	200
22	RE-A-22-5.56-0.258	6.7	200	5.1	200	3.9	200	3.1	200	1.6	200
	RE-A-22-6.63-0.28	11.8	300	9.4	200	7.5	200	6.1	200	3.4	200
23	RE-A-23-5.56-0.258	5.8	200	4.4	200	3.3	200	2.6	200	1.3	200
	RE-A-23-6.63-0.28	10.7	300	8.5	200	6.8	200	5.5	200	2.9	200
24	RE-A-24-5.56-0.258	5.0	200	3.7	200	2.8	200	2.1	200	0.9	200
	RE-A-24-6.63-0.28	9.9	200	7.7	200	6.1	200	4.9	200	2.5	200
25	RE-A-25-5.56-0.258	4.2	200	3.1	200	2.3	200	1.7	200	0.6	200
	RE-A-25-6.63-0.28	8.9	200	6.9	200	5.4	200	4.3	200	2.1	200
26	RE-A-26-5.56-0.258	3.5	200	2.5	200	1.8	200	1.2	200	-	-
	RE-A-26-6.63-0.28	8.0	200	6.1	200	4.8	200	3.8	200	1.8	200
27	RE-A-27-6.63-0.28	7.2	200	5.5	200	4.2	200	3.3	200	1.4	200
28	RE-A-28-6.63-0.28	6.4	200	4.8	200	3.7	200	2.8	200	1.1	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

RE-A ROADWAY METAL POLE

Pole Butt Size	Split Bases								
	KSB10	KSB11	KSB16	KSB19	KSB20	KSB52	KSB70	KSB76	KSB77
5	Compatible	Compatible	Incompatible	Incompatible	Incompatible	Compatible	Incompatible	Incompatible	Incompatible
5.56	Compatible	Incompatible	Incompatible	Incompatible	Incompatible	Compatible	Incompatible	Incompatible	Incompatible
6.63	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	Compatible	Incompatible	Incompatible