

RE-S // ROUND NON-TAPERED STEEL

ROADWAY METAL POLE



King Luminaire

POLE SPECIFICATIONS

MATERIAL:
Round Non-Tapered Steel

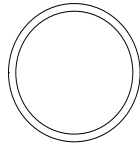
POLE HEIGHT:
19' - 28'

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

GRADE:
A500

FINISH:
Available in textured or smooth.

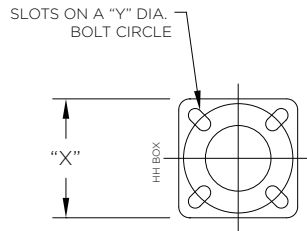
CROSS SECTION:



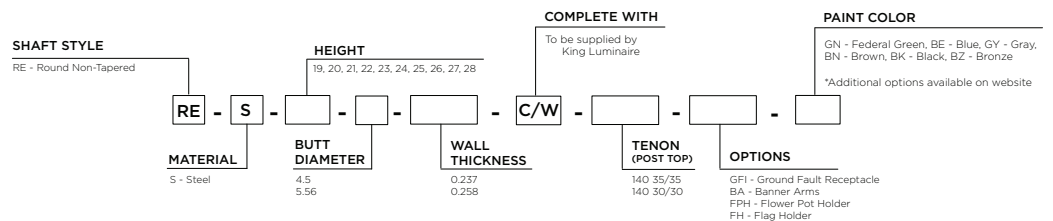
Round Non-Tapered (RE)

BASEPLATE DETAILS

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



HOW TO ORDER



SHAFT DETAILS

RE-S ROADWAY METAL POLE

RE Steel // Pole Details

| Nominal Mounting Height (ft) | Catalog Code | Grade | Butt (in) | Tip (in) | Wall Thickness (in) | Handhole | Wt. (lbs) * |
|------------------------------|--------------------|-------|-----------|----------|---------------------|--------------------------------|-------------|
| 19 | RE-S-19-4.5-0.237 | A500 | 4.50 | 4.50 | 0.237 | 2-1/2" x 5" (MIN 9" AG) | 233.0 |
| | RE-S-19-5.56-0.258 | A500 | 5.56 | 5.56 | 0.258 | 3" x 5" Reinforced (MIN 9" AG) | 315.0 |
| 20 | RE-S-20-4.5-0.237 | A500 | 4.50 | 4.50 | 0.237 | 2-1/2" x 5" (MIN 9" AG) | 244.0 |
| | RE-S-20-5.56-0.258 | A500 | 5.56 | 5.56 | 0.258 | 3" x 5" Reinforced (MIN 9" AG) | 329.0 |
| 21 | RE-S-21-5.56-0.258 | A500 | 5.56 | 5.56 | 0.258 | 3" x 5" Reinforced (MIN 9" AG) | 344.0 |
| 22 | RE-S-22-5.56-0.258 | A500 | 5.56 | 5.56 | 0.258 | 3" x 5" Reinforced (MIN 9" AG) | 359.0 |
| 23 | RE-S-23-5.56-0.258 | A500 | 5.56 | 5.56 | 0.258 | 3" x 5" Reinforced (MIN 9" AG) | 373.0 |
| 24 | RE-S-24-5.56-0.258 | A500 | 5.56 | 5.56 | 0.258 | 3" x 5" Reinforced (MIN 9" AG) | 388.0 |
| 25 | RE-S-25-5.56-0.258 | A500 | 5.56 | 5.56 | 0.258 | 3" x 5" Reinforced (MIN 9" AG) | 403.0 |
| 26 | RE-S-26-5.56-0.258 | A500 | 5.56 | 5.56 | 0.258 | 3" x 5" Reinforced (MIN 9" AG) | 417.0 |
| 27 | RE-S-27-5.56-0.258 | A500 | 5.56 | 5.56 | 0.258 | 3" x 5" Reinforced (MIN 9" AG) | 432.0 |
| 28 | RE-S-28-5.56-0.258 | A500 | 5.56 | 5.56 | 0.258 | 3" x 5" Reinforced (MIN 9" AG) | 447.0 |

* Weight includes the pole shaft and baseplate.

SHAFT LOADING

RE Steel // Loading

| Nominal Mounting Height (ft) | Catalog Code | Design Information // AASHTO LTS-6, 2013 ** | | | | | | | | | |
|------------------------------|--------------------|---|----------------|-----------------|----------------|-----------------|----------------|-----------------|----------------|-----------------|----------------|
| | | 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-S-19-4.5-0.237 | 4.0 | 200 | 2.5 | 200 | 1.7 | 200 | 1.2 | 200 | 0.5 | 200 |
| | RE-S-19-5.56-0.258 | 13.8 | 300 | 10.9 | 300 | 9.5 | 200 | 7.8 | 200 | 4.7 | 200 |
| 20 | RE-S-20-4.5-0.237 | 3.0 | 200 | 1.7 | 200 | 1.0 | 200 | 0.6 | 200 | - | - |
| | RE-S-20-5.56-0.258 | 11.9 | 300 | 9.9 | 200 | 8.3 | 200 | 6.8 | 200 | 4.0 | 200 |
| 21 | RE-S-21-5.56-0.258 | 10.3 | 300 | 9.0 | 200 | 7.2 | 200 | 5.8 | 200 | 3.4 | 200 |
| 22 | RE-S-22-5.56-0.258 | 9.9 | 200 | 7.7 | 200 | 6.2 | 200 | 5.0 | 200 | 2.8 | 200 |
| 23 | RE-S-23-5.56-0.258 | 8.5 | 200 | 6.6 | 200 | 5.2 | 200 | 4.2 | 200 | 2.3 | 200 |
| 24 | RE-S-24-5.56-0.258 | 7.2 | 200 | 5.5 | 200 | 4.3 | 200 | 3.4 | 200 | 1.8 | 200 |
| 25 | RE-S-25-5.56-0.258 | 6.0 | 200 | 4.5 | 200 | 3.5 | 200 | 2.7 | 200 | 1.3 | 200 |
| 26 | RE-S-26-5.56-0.258 | 4.8 | 200 | 3.6 | 200 | 2.7 | 200 | 2.0 | 200 | 0.8 | 200 |
| 27 | RE-S-27-5.56-0.258 | 3.7 | 200 | 2.7 | 200 | 1.9 | 200 | 1.4 | 200 | - | - |
| 28 | RE-S-28-5.56-0.258 | 2.7 | 200 | 1.8 | 200 | 1.2 | 200 | 0.7 | 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 | KSB52 | KSB16 | KSB19 | KSB70 | KSB77 | KSB76 | KSB20 |
| 4 | | | | | | | | |
| 5.56 | | | | | | | | |

05-18-2022