



## Round Straight Steel Pole Made in USA - Virginia

### LL-VA-RSS

#### No Arm — 4-Bolt Base

Pole shaft shall be weldable-grade, cold-rolled, commercial quality carbon steel tubing conforming to ASTM A500 Grade B. Options include 11 gauge and 7 gauge. All welds shall conform to AWS D1.1 using ER70S-6 electrodes.



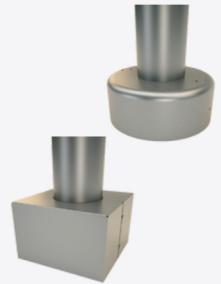
#### BASE STYLE

4-Bolt Steel Base Plate of fabricated hot rolled carbon steel conforming to ASTM A36 or equivalent (36 ksi minimum yield) with 2-piece Base Cover and attaching hardware.



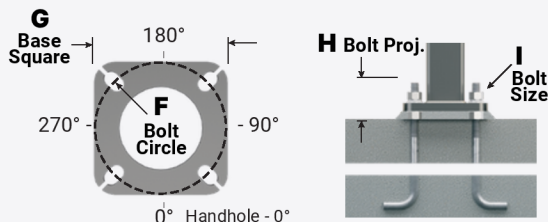
#### BASE COVER

**Round ABS Plastic Base Covers** are standard in all 11 Gauge RSS poles specified in powder coat finishes BK-Black, DBZ-Dark Bronze and WH-White. **Square Metal Powder Coated Base Covers** are standard in all 11 Gauge RSS poles that are specified in colors other than BK, DBZ, and WH and in all 7 Gauge poles in ALL COLORS. Custom specification of RSS Square Metal style Base Covers in BK, DBZ and WH powder coated finishes is available.



#### ANCHORAGE

Anchorage Kit will include four (4) L-shaped Steel Anchor Bolts conforming to AASHTO M314-90 Grade 55. Ten inches (10") of threaded end will be galvanized per ASTM A153. Kits will contain eight (8) Hex Nuts, four (4) Lock Washers, and eight (8) Flat Washers (all components Galvanized Steel). A paper bolt circle template will be provided.



#### HANDHOLE

**3" Butt Diameter** - Reinforced, 2" x 4" Handhole with cover and stainless steel screws. A grounding provision incorporating a tapped 1/2"-13NC hole will be provided.

**4"+ Butt Diameters** - Reinforced, 3" x 5" Handhole with cover, stainless steel screw and backbar. A grounding provision incorporating a tapped 1/2"-13NC hole will be provided.



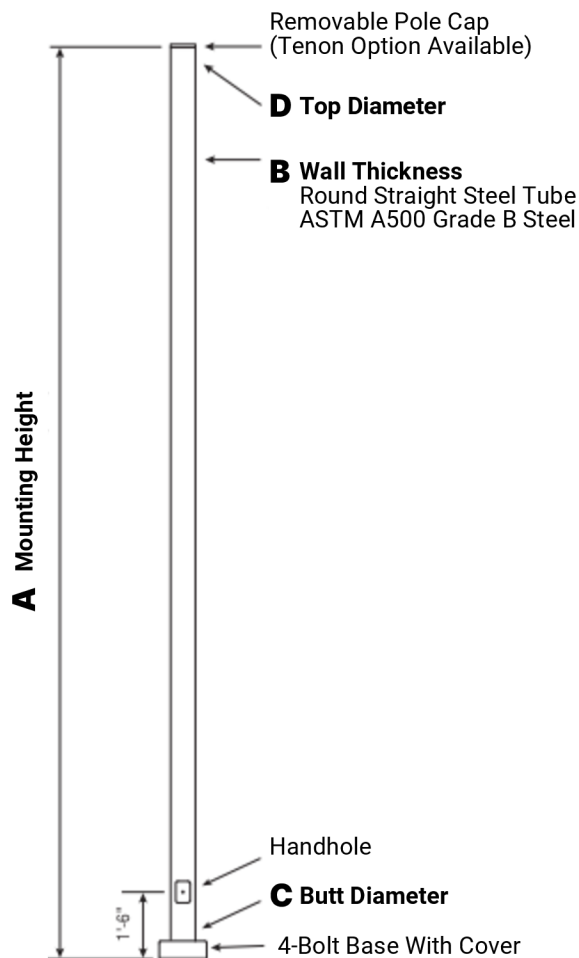
#### VIBRATION DAMPER

If determined necessary by LITELUME, or if specified by the customer, a first and/or second mode vibration damper will be provided.

**WARNING:** Do not install light pole without luminaire.



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*Powder Coated, Galvanized or Powder Coated over Galvanized Finish Per Customer Specification*

| C            | D        | F              | G        | H          | I            |
|--------------|----------|----------------|----------|------------|--------------|
| Butt Dia.    | Top Dia. | Bolt Cir. Dia. | Base SQ. | Bolt Proj. | Bolt Size    |
| 3            | 3        | 7.5 - 8.5      | 8        | 3.75       | .75 x 17 x 3 |
| 4            | 4        | 7.5 - 8.5      | 8        | 3.75       | .75 x 17 x 3 |
| 4.5          | 4.5      | 7.5 - 8.5      | 8        | 3.75       | .75 x 17 x 3 |
| 5 (11 Gauge) | 5        | 7.5 - 8.5      | 8        | 3.75       | .75 x 17 x 3 |
| 5 (7 Gauge)  | 5        | 8 - 9          | 8.75     | 4.875      | 1 x 36 x 4   |

*Dimensions in Inches*



## Round Straight Steel Pole Made in USA - Virginia

## CATALOG NUMBER SYSTEM

The catalog number for LITELUME poles utilizes the following identification system.

## Catalog Number Example

LL-VA-RSS-20-B-4-4-WH

Round Straight Steel, 20' Mounting Height, 11 Gauge,  
4" Butt Diameter, No Taper, 4-Bolt Base, White Powder  
Coat Finish.

**LL-VA -** **RSS**     **-** **4** **-**    **-**

Mounting Height Butt Dia. Base Style Finish

Shaft Assembly Wall Gauge Top Dia. Accessories Options

| A            | B             | C            | TOTAL<br>LUM.<br>WEIGHT | MAXIMUM EPA |      |      |      |      |     | CATALOG NUMBER                |
|--------------|---------------|--------------|-------------------------|-------------|------|------|------|------|-----|-------------------------------|
| MTG.<br>HGT. | Wall<br>Gauge | Butt<br>Dia. |                         | 90          | 100  | 110  | 120  | 130  | 140 |                               |
| 8            | 11            | 3            | 525                     | 10.1        | 8.0  | 7.4  | 6.1  | 5.0  | 4.2 | LL-VA-RSS-08-B-3-4- <b>**</b> |
| 8            | 11            | 4            | 600                     | 21.4        | 17.1 | 15.9 | 13.1 | 11.0 | 9.4 | LL-VA-RSS-08-B-4-4- <b>**</b> |
| 10           | 11            | 3            | 435                     | 8.1         | 6.3  | 5.8  | 4.7  | 3.8  | 3.1 | LL-VA-RSS-10-B-3-4- <b>**</b> |
| 10           | 11            | 4            | 600                     | 16.7        | 13.2 | 12.2 | 10.0 | 8.3  | 7.0 | LL-VA-RSS-10-B-4-4- <b>**</b> |
| 10           | 11            | 4.5          | 600                     | 22.4        | 17.8 | 16.5 | 13.6 | 11.5 | 9.9 | LL-VA-RSS-10-B-G-4- <b>**</b> |
| 12           | 11            | 3            | 370                     | 6.4         | 4.9  | 4.5  | 3.5  | 2.8  | 2.2 | LL-VA-RSS-12-B-3-4- <b>**</b> |
| 12           | 11            | 4            | 600                     | 13.2        | 10.3 | 9.5  | 7.7  | 6.3  | 5.2 | LL-VA-RSS-12-B-4-4- <b>**</b> |
| 12           | 11            | 4.5          | 600                     | 18.1        | 14.2 | 13.1 | 10.7 | 9.0  | 7.7 | LL-VA-RSS-12-B-G-4- <b>**</b> |
| 14           | 11            | 3            | 315                     | 5.1         | 3.8  | 3.4  | 2.6  | 1.9  | 1.4 | LL-VA-RSS-14-B-3-4- <b>**</b> |
| 14           | 11            | 4            | 550                     | 10.7        | 8.3  | 7.6  | 6.0  | 4.7  | 3.9 | LL-VA-RSS-14-B-4-4- <b>**</b> |
| 14           | 11            | 4.5          | 600                     | 14.7        | 11.4 | 10.5 | 8.4  | 7.0  | 6.0 | LL-VA-RSS-14-B-G-4- <b>**</b> |
| 16           | 11            | 3            | 275                     | 3.9         | 2.8  | 2.5  | 1.8  | 1.2  | 0.7 | LL-VA-RSS-16-B-3-4- <b>**</b> |
| 16           | 11            | 4            | 470                     | 8.8         | 6.6  | 6.0  | 4.6  | 3.5  | 2.8 | LL-VA-RSS-16-B-4-4- <b>**</b> |
| 16           | 11            | 4.5          | 595                     | 11.9        | 9.0  | 8.2  | 6.5  | 5.4  | 4.5 | LL-VA-RSS-16-B-G-4- <b>**</b> |
| 18           | 11            | 3            | 245                     | 2.9         | 1.9  | 1.6  | 1.0  | -    | -   | LL-VA-RSS-18-B-3-4- <b>**</b> |
| 18           | 11            | 4            | 400                     | 7.1         | 5.2  | 4.6  | 3.4  | 2.5  | 1.9 | LL-VA-RSS-18-B-4-4- <b>**</b> |
| 18           | 11            | 4.5          | 505                     | 9.7         | 7.2  | 6.5  | 5.0  | 4.1  | 3.4 | LL-VA-RSS-18-B-G-4- <b>**</b> |

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| A         | B          | C         | TOTAL LUM. WEIGHT | MAXIMUM EPA |      |      |      |     |     | CATALOG NUMBER         |
|-----------|------------|-----------|-------------------|-------------|------|------|------|-----|-----|------------------------|
| MTG. HGT. | Wall Gauge | Butt Dia. |                   | 90          | 100  | 110  | 120  | 130 | 140 |                        |
| 20        | 11         | 3         | 225               | 2.0         | 1.1  | 0.9  | -    | -   | -   | LL-VA-RSS-20-B-3-4-**- |
| 20        | 11         | 4         | 340               | 5.6         | 3.9  | 3.5  | 2.4  | 1.5 | 1.1 | LL-VA-RSS-20-B-4-4-**- |
| 20        | 11         | 4.5       | 430               | 7.9         | 5.7  | 5.1  | 3.7  | 3.0 | 2.4 | LL-VA-RSS-20-B-G-4-**- |
| 20        | 11         | 5         | 540               | 10.5        | 7.7  | 7.1  | 5.7  | 4.7 | 3.9 | LL-VA-RSS-20-B-5-4-**- |
| 20        | 7          | 5         | 600               | 17.7        | 13.5 | 12.5 | 10.3 | 8.6 | 7.3 | LL-VA-RSS-20-D-5-4-**- |
| 22        | 11         | 4.5       | 370               | 6.3         | 4.4  | 3.8  | 2.6  | 2.0 | 1.6 | LL-VA-RSS-22-B-G-4-**- |
| 22        | 11         | 5         | 460               | 8.6         | 6.1  | 5.6  | 4.5  | 3.6 | 3.0 | LL-VA-RSS-22-B-5-4-**- |
| 22        | 7          | 5         | 600               | 13.4        | 9.9  | 9.2  | 7.5  | 6.2 | 5.1 | LL-VA-RSS-22-D-5-4-**- |
| 25        | 11         | 4         | 240               | 2.8         | 1.5  | 1.1  | -    | -   | -   | LL-VA-RSS-25-B-4-4-**- |
| 25        | 11         | 4.5       | 290               | 4.4         | 2.7  | 2.2  | 1.2  | 0.8 | -   | LL-VA-RSS-25-B-G-4-**- |
| 25        | 11         | 5         | 365               | 6.2         | 4.1  | 3.7  | 2.8  | 2.2 | 1.7 | LL-VA-RSS-25-B-5-4-**- |
| 25        | 7          | 5         | 565               | 11.1        | 8.0  | 7.4  | 5.9  | 4.8 | 4.0 | LL-VA-RSS-25-D-5-4-**- |
| 30        | 11         | 4.5       | 205               | 1.7         | -    | -    | -    | -   | -   | LL-VA-RSS-30-B-G-4-**- |
| 30        | 11         | 5         | 245               | 3.1         | 1.3  | 1.1  | 0.6  | -   | -   | LL-VA-RSS-30-B-5-4-**- |
| 30        | 7          | 5         | 395               | 7.0         | 4.5  | 4.0  | 3.1  | 2.4 | 1.8 | LL-VA-RSS-30-D-5-4-**- |
| 35        | 7          | 5         | 270               | 3.8         | 1.7  | 1.4  | 0.8  | -   | -   | LL-VA-RSS-35-D-5-4-**- |

### EPA Notes:

Effective Projected Area (EPA) in square feet. EPA's calculated using wind velocity (mph) indicated in accordance with 2009 AASHTO LTS-5 using a 25-year design life. Maximum EPA is based on the luminaire weight shown. Increased luminaire weight may reduce the maximum EPA. If weight is exceeded, or if other design life or code is required, please consult the factory.

## MOUNTING OPTIONS

### Side Drill Mount

Includes removable pole cap.

**NOTE:** A luminaire drilling template must be supplied at time of order.

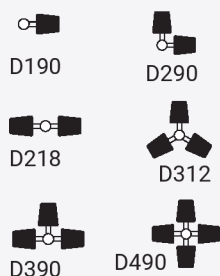


### Tenon Mount

For Tenon Mount applications specify both Tenon diameter and length.



### Drill Mount Options

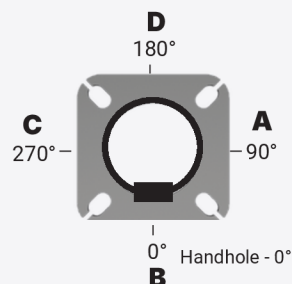


### Electrical Box



**NOTE:**  
GFI Options must be specified in Accessories.  
Not Available in 3" Diameter.

### Pole Orientation





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|              |  |
|--------------|--|
| PROJECT NAME |  |
| CATALOG #    |  |
| JOB TYPE     |  |
| PREPARED BY  |  |
| NOTES        |  |

| ORDERING GUIDE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| Brand                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Location                                                                                                                                                                                                                                                                                                                                                                                                                                            | Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |
| LL LITELUME                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | VA Virginia                                                                                                                                                                                                                                                                                                                                                                                                                                         | RSS Round Straight Steel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |
| Height                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Gauge                                                                                                                                                                                                                                                                                                                                                                                                                                               | Butt Dia.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Top Dia.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Base Style      |
| 8 = 8' 10 = 10' 12 = 12' 14 = 14'<br>16 = 16' 18 = 18' 20 = 20' 22 = 22'<br>25 = 25' 30 = 30' 35 = 35'                                                                                                                                                                                                                                                                                                                                                                                                                          | B = 11 Gauge<br>D = 7 Gauge                                                                                                                                                                                                                                                                                                                                                                                                                         | 3 = 3"<br>4 = 4"<br>G = 4.5"<br>5 = 5"                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ". " = No Taper                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 4 = 4-Bolt Base |
| Mounting Options                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Electrical Box*                                                                                                                                                                                                                                                                                                                                                                                                                                     | Accessories/Options*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Finish                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                 |
| <b>DRILL MOUNT</b><br><b>D000</b> - No Drilling<br><b>D190</b> - Std. "A"<br><b>D290</b> - Std. "A" & "D"<br><b>D218</b> - Std. "A" & "C"<br><b>D390</b> - Std. "A", "D", & "C"<br><b>D490</b> - Std. "A", "B", "C", & "D"<br><b>DCUS</b> - Custom*<br><br><b>TENON</b><br><b>T204</b> - 2-3/8" O.D. x 4"<br><b>T304</b> - 2-7/8" O.D. x 4"<br><b>T356</b> - 3-1/2" O.D. x 6"<br><b>T406</b> - 4" O.D. x 6"<br><b>TCUS</b> - Custom Tenon**<br><br><i>* Specify Number and Orientation</i><br><i>** Specify O.D. and Height</i> | <b>FA</b> - 30" Up, "D"<br><b>FB</b> - 30" Up, "B"<br><b>FC</b> - 30" Up, "A"<br><b>FD</b> - 30" Up, "C"<br><b>FE</b> - 36" Up, "D"<br><b>FF</b> - 36" Up, "B"<br><b>FG</b> - 36" Up, "A"<br><b>FH</b> - 36" Up, "C"<br><b>FI</b> - 24" Up, "D"<br><b>FK</b> - 24" Up, "A"<br><b>FL</b> - 24" Up, "C"<br><b>FZ</b> - Custom**<br><br><i>* GFI Receptacle Options Available (Specify in Accessories)</i><br><i>** Specify Height and Orientation</i> | <b>C12</b> - Threaded 1/2" Coupling**<br><b>C34</b> - Threaded 3/4" Coupling**<br><b>C10</b> - Threaded 1" Coupling**<br><b>EHH</b> - Extra Handhole**<br><b>GF1</b> - Duplex GFI Receptacle (WR) with Cover<br><b>GF2</b> - Duplex GFI (WR) with In-Use Cover<br><b>LAB</b> - Less Anchor Bolts<br><b>LPC</b> - Less Pole Cap<br><b>PAB</b> - Pre-Shipped Anchor Bolts<br><b>VD2</b> - Vib. Damper - 2 <sup>nd</sup> Mode<br><br><i>* Add all that apply (Example: LPC-LAB-VD2)</i><br><i>** Specify Location</i> | <b>POWDER COAT COLORS</b><br><b>BK</b> - Black Powder Coat<br><b>WH</b> - White Powder Coat<br><b>DBZ</b> - Dark Bronze Powder Coat<br><b>DGR</b> - Dark Green Powder Coat<br><b>GY</b> - Gray Powder Coat<br><b>CUS</b> - Custom Color*<br><br><b>GALVANIZED</b><br><b>1Q</b> - Galvanized Only<br><b>1C</b> - Black PC Over Galv.<br><b>1D</b> - White PC Over Galv.<br><b>1B</b> - D. Bronze PC Over Galv.<br><b>1Y</b> - D. Green PC Over Galv.<br><b>1J</b> - Gray PC Over Galv.<br><b>XX</b> - Special PC Over Galv.*<br><br><i>* Provide RAL # or Sample Color Chip</i> |                 |