



Round Straight Aluminum Pole 4 Bolt Base

Made in USA - Virginia

LL-VA-RSA-4

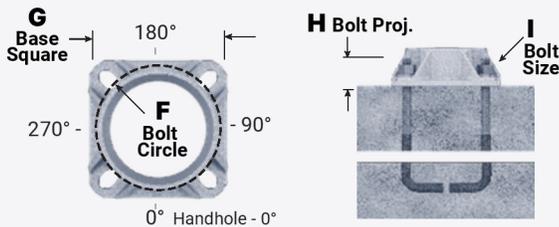
No Arm — 4-Bolt Base

The pole shaft will be constructed of seamless extruded tube of 6063 Aluminum Alloy per the requirements of ASTM B221. The shaft assembly shall be full-length heat treated after base weld to produce a T6 temper. 4-Bolt Cast Aluminum Base Flange of Alloy 356-T6 with Aluminum Bolt Covers (Alloy 356-F) and Stainless Steel Hex Head Attaching Screws.



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 four (4) Hex Nuts, four (4) Lock Washers, and four (4) Flat Washers (all components Galvanized Steel). A bolt circle template will be provided.



HANDHOLE

4"-5" Butt Diameters - 2" x 4" Handhole with curved Lap Style Aluminum Door and two (2) SS Self-Tapping Attaching Screws. A Grounding Provision incorporating a tapped 1/4"-20NC hole is provided opposite the Handhole.

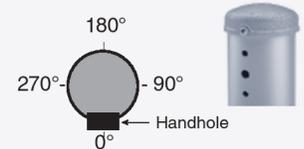
6" Butt Diameter - Reinforced, 3" x 5" curved Cast Aluminum Frame (Alloy 356-T6) with Aluminum Door and two (2) SS Hex Head Screws. A Grounding Provision incorporating a 3/8" diameter hole is provided opposite the Handhole.

7"+ Butt Diameters - Reinforced, 4" x 6" curved Cast Aluminum Frame (Alloy 356-T6) with Aluminum Door and two (2) SS Hex Head Screws. Reinforced Frame will contain a tapped 3/8"-16NC Grounding Provision.

MOUNTING DESIGNATION

Side Drill Mount Applications

Specify luminaire type, quantity and orientation. A luminaire drilling template must be supplied at time of order.



Tenon Mount Applications

Specify both Tenon diameter (2.375", 2.875", 3.5", etc.) and length (3", 4", etc.).



VIBRATION DAMPER

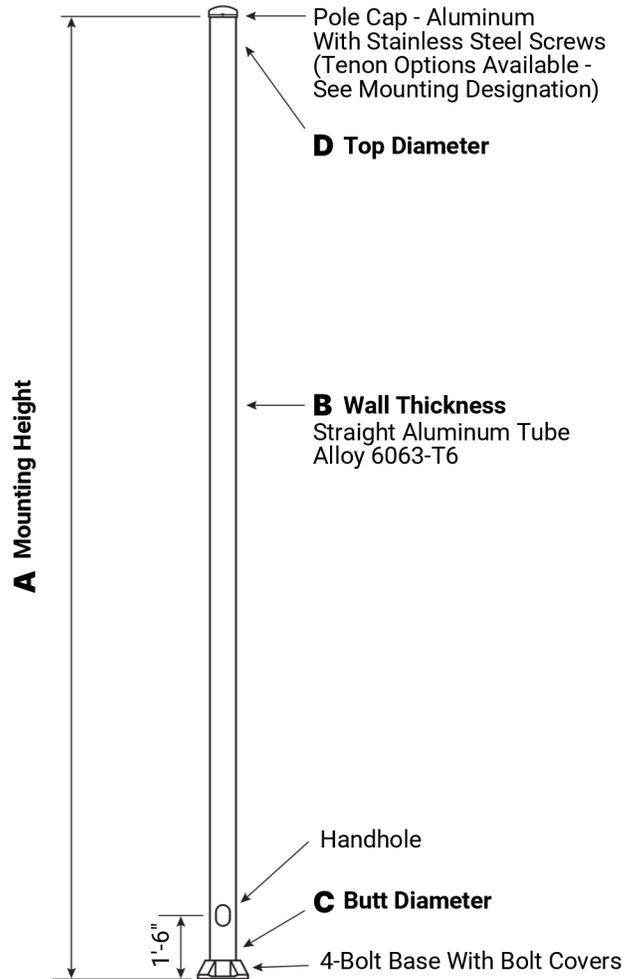
When determined necessary by LITELUME, a Vibration Damper will be factory-installed inside the pole shaft. Customer specification of the damper is available.

WARNING: Do not install light pole without luminaire.



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Satin Aluminum or Powder Coated Finish per Customer Specification.

| C | D | F | G | H | I |
|----------------|----------|----------------|----------|------------|---------------|
| Butt Dia. | Top Dia. | Bolt Cir. Dia. | Base SQ. | Bolt Proj. | Bolt Size |
| 4 | 4 | 6.5 - 8 | 7.5 | 2 | .75 x 17 x 3 |
| 5 | 5 | 7.5 - 8 | 7.5 | 2 | .75 x 17 x 3 |
| 6 | 6 | 9 - 10 | 9.75 | 2.75 | .75 x 30 x 3 |
| 7 | 7 | 10 - 11 | 10.5 | 2.75 | 1 x 36 x 4 |
| 8 | 8 | 11 - 12 | 11.25 | 2.75 | 1 x 36 x 4 |
| 9 | 9 | 12.5 - 14 | 12.75 | 2.75 | 1 x 36 x 4 |
| 10 up to .250" | 10 | 14 - 15 | 14 | 3.25 | 1 x 48 x 4 |
| 10 0.312" | 10 | 14 - 15 | 14 | 3.25 | 1.25 x 48 x 6 |

* 1" x 36" x 4" Anchor Bolts can be specified for 6" butt diameter poles.

Dimensions in Inches

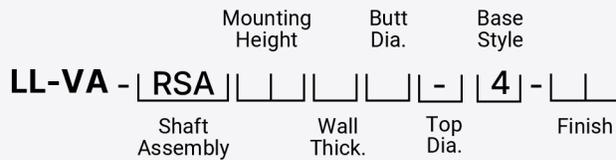


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CATALOG NUMBER SYSTEM

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



Catalog Number Example

LL-VA-RSA-30-D-8-4-SA

Round Straight Aluminum, 30' Mounting Height, .188" Wall Thickness, 8" Butt Diameter, No Taper, 4-Bolt Base, Satin Aluminum Finish.

| A MTG. HGT. | B Wall Thickness | C Butt Dia. | TOTAL LUM. WEIGHT | MAXIMUM EPA | | | | | CATALOG NUMBER |
|----------------|---------------------|----------------|-------------------|-------------|------|------|------|------|------------------------|
| | | | | 90 | 100 | 110 | 120 | 130 | |
| 8 | 0.125 | 4 | 100 | 11.4 | 9.0 | 8.3 | 6.8 | 5.6 | LL-VA-RSA-08-B-4-4-**- |
| | 0.188 | 5 | 100 | 15.8 | 12.4 | 11.6 | 9.6 | 8.2 | LL-VA-RSA-08-D-5-4-**- |
| 10 | 0.125 | 4 | 70 | 6.0 | 4.4 | 4.0 | 3.1 | 2.3 | LL-VA-RSA-10-B-4-4-**- |
| | 0.125 | 5 | 100 | 12.0 | 9.4 | 8.6 | 7.2 | 6.0 | LL-VA-RSA-10-B-5-4-**- |
| | 0.156 | 5 | 100 | 15.4 | 12.0 | 11.2 | 9.2 | 7.8 | LL-VA-RSA-10-C-5-4-**- |
| | 0.188 | 5 | 100 | 18.6 | 14.6 | 13.6 | 11.2 | 9.5 | LL-VA-RSA-10-D-5-4-**- |
| 12 | 0.125 | 4 | 40 | 4.4 | 3.1 | 2.7 | 1.9 | 1.3 | LL-VA-RSA-12-B-4-4-**- |
| | 0.125 | 5 | 100 | 9.2 | 7.0 | 6.4 | 5.2 | 4.4 | LL-VA-RSA-12-B-5-4-**- |
| | 0.156 | 5 | 100 | 12.0 | 9.2 | 8.6 | 7.0 | 5.8 | LL-VA-RSA-12-C-5-4-**- |
| | 0.188 | 5 | 100 | 14.8 | 11.4 | 10.6 | 8.8 | 7.4 | LL-VA-RSA-12-D-5-4-**- |
| 14 | 0.125 | 4 | 40 | 3.1 | 2.0 | 1.7 | 1.0 | - | LL-VA-RSA-14-B-4-4-**- |
| | 0.125 | 5 | 100 | 7.1 | 5.1 | 4.7 | 3.8 | 3.1 | LL-VA-RSA-14-B-5-4-**- |
| | 0.156 | 5 | 100 | 9.4 | 7.0 | 6.5 | 5.3 | 4.4 | LL-VA-RSA-14-C-5-4-**- |
| | 0.188 | 5 | 100 | 11.8 | 9.0 | 8.2 | 6.8 | 5.6 | LL-VA-RSA-14-D-5-4-**- |
| | 0.156 | 6 | 100 | 19.2 | 15.4 | 14.4 | 11.8 | 10.0 | LL-VA-RSA-14-C-6-4-**- |
| | 0.188 | 6 | 100 | 23.8 | 19.0 | 17.6 | 14.6 | 12.4 | LL-VA-RSA-14-D-6-4-**- |
| 16 | 0.125 | 5 | 60 | 5.4 | 3.6 | 3.3 | 2.6 | 2.0 | LL-VA-RSA-16-B-5-4-**- |
| | 0.156 | 5 | 100 | 7.2 | 5.2 | 4.8 | 3.8 | 3.1 | LL-VA-RSA-16-C-5-4-**- |

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| A | B | C | TOTAL LUM. WEIGHT | MAXIMUM EPA | | | | | CATALOG NUMBER |
|-----------|----------------|-----------|-------------------|-------------|------|------|------|--------------------------|--------------------------|
| | | | | 90 | 100 | 110 | 120 | 130 | |
| MTG. HGT. | Wall Thickness | Butt Dia. | | | | | | | |
| 18 | 0.188 | 5 | 100 | 9.2 | 6.8 | 6.2 | 5.1 | 4.2 | LL-VA-RSA-18-D-5-4-**-** |
| | 0.188 | 6 | 100 | 19.6 | 15.6 | 14.6 | 12.0 | 10.0 | LL-VA-RSA-18-D-6-4-**-** |
| 20 | 0.125 | 5 | 40 | 3.8 | 2.3 | 2.1 | 1.5 | 1.1 | LL-VA-RSA-20-B-5-4-**-** |
| | 0.156 | 5 | 60 | 5.6 | 3.7 | 3.4 | 2.6 | 2.1 | LL-VA-RSA-20-C-5-4-**-** |
| | 0.188 | 5 | 95 | 7.2 | 5.0 | 4.6 | 3.7 | 3.0 | LL-VA-RSA-20-D-5-4-**-** |
| | 0.125 | 6 | 100 | 9.4 | 7.4 | 6.8 | 5.6 | 4.6 | LL-VA-RSA-20-B-6-4-**-** |
| | 0.156 | 6 | 100 | 12.8 | 10.2 | 9.4 | 7.6 | 6.4 | LL-VA-RSA-20-C-6-4-**-** |
| | 0.188 | 6 | 100 | 16.2 | 12.8 | 12.0 | 9.8 | 8.2 | LL-VA-RSA-20-D-6-4-**-** |
| | 0.156 | 7 | 100 | 20.0 | 15.8 | 14.8 | 12.2 | 10.2 | LL-VA-RSA-20-C-7-4-**-** |
| | 0.188 | 7 | 100 | 24.6 | 19.6 | 18.4 | 15.2 | 12.8 | LL-VA-RSA-20-D-7-4-**-** |
| | 0.156 | 8 | 100 | 28.2 | 22.4 | 21.0 | 17.4 | 14.6 | LL-VA-RSA-20-C-8-4-**-** |
| 0.188 | 8 | 100 | 34.4 | 27.6 | 25.6 | 21.4 | 18.0 | LL-VA-RSA-20-D-8-4-**-** | |
| 25 | 0.156 | 6 | 100 | 7.4 | 5.6 | 5.2 | 4.1 | 3.3 | LL-VA-RSA-25-C-6-4-**-** |
| | 0.188 | 6 | 100 | 10.0 | 7.6 | 7.1 | 5.7 | 4.6 | LL-VA-RSA-25-D-6-4-**-** |
| | 0.156 | 7 | 100 | 13.0 | 10.2 | 9.4 | 7.6 | 6.3 | LL-VA-RSA-25-C-7-4-**-** |
| | 0.188 | 7 | 100 | 16.4 | 13.0 | 12.0 | 9.8 | 8.2 | LL-VA-RSA-25-D-7-4-**-** |
| | 0.156 | 8 | 100 | 19.2 | 15.2 | 14.2 | 11.6 | 9.8 | LL-VA-RSA-25-C-8-4-**-** |
| | 0.188 | 8 | 100 | 24.0 | 19.0 | 17.8 | 14.6 | 12.2 | LL-VA-RSA-25-D-8-4-**-** |
| | 0.219 | 8 | 100 | 28.6 | 22.8 | 21.2 | 17.6 | 14.8 | LL-VA-RSA-25-E-8-4-**-** |
| | 0.250 | 8 | 100 | 33.0 | 26.4 | 24.4 | 20.4 | 17.2 | LL-VA-RSA-25-F-8-4-**-** |
| 30 | 0.188 | 6 | 60 | 5.6 | 4.2 | 3.8 | 2.9 | 2.2 | LL-VA-RSA-30-D-6-4-**-** |
| | 0.156 | 7 | 100 | 8.0 | 6.0 | 5.6 | 4.4 | 3.5 | LL-VA-RSA-30-C-7-4-**-** |
| | 0.188 | 7 | 100 | 10.8 | 8.4 | 7.7 | 6.2 | 5.0 | LL-VA-RSA-30-D-7-4-**-** |
| | 0.156 | 8 | 100 | 13.2 | 10.2 | 9.4 | 7.6 | 6.3 | LL-VA-RSA-30-C-8-4-**-** |
| | 0.188 | 8 | 100 | 17.0 | 13.4 | 12.4 | 10.0 | 8.4 | LL-VA-RSA-30-D-8-4-**-** |
| | 0.219 | 8 | 100 | 20.6 | 16.2 | 15.0 | 12.4 | 10.4 | LL-VA-RSA-30-E-8-4-**-** |
| | 0.250 | 8 | 100 | 24.0 | 19.0 | 17.8 | 14.6 | 12.2 | LL-VA-RSA-30-F-8-4-**-** |
| | 0.188 | 9 | 100 | 23.8 | 18.8 | 17.6 | 14.4 | 11.6 | LL-VA-RSA-30-D-9-4-**-** |

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| A MTG. HGT. | B Wall Thickness | C Butt Dia. | TOTAL LUM. WEIGHT | MAXIMUM EPA | | | | | CATALOG NUMBER |
|-------------------|------------------------|-------------------|-------------------------|-------------|------|------|------|------|-----------------------|
| | | | | 90 | 100 | 110 | 120 | 130 | |
| 30 | 0.250 | 9 | 100 | 33.0 | 26.2 | 24.4 | 20.2 | 16.4 | LL-VA-RSA-30-F-9-4-** |
| | 0.188 | 10 | 100 | 31.4 | 25.2 | 23.2 | 18.6 | 15.0 | LL-VA-RSA-30-D-1-4-** |
| 35 | 0.156 | 8 | 100 | 8.6 | 6.4 | 6.0 | 4.7 | 3.8 | LL-VA-RSA-35-C-8-4-** |
| | 0.188 | 8 | 100 | 11.8 | 9.0 | 8.4 | 6.6 | 5.4 | LL-VA-RSA-35-D-8-4-** |
| | 0.219 | 8 | 100 | 14.6 | 11.4 | 10.6 | 8.6 | 7.0 | LL-VA-RSA-35-E-8-4-** |
| | 0.250 | 8 | 100 | 17.6 | 13.8 | 12.8 | 10.4 | 8.6 | LL-VA-RSA-35-F-8-4-** |
| | 0.188 | 9 | 100 | 17.4 | 13.6 | 12.6 | 10.2 | 7.8 | LL-VA-RSA-35-D-9-4-** |
| | 0.250 | 9 | 100 | 25.0 | 19.8 | 18.4 | 15.0 | 12.0 | LL-VA-RSA-35-F-9-4-** |
| | 0.188 | 10 | 100 | 24.0 | 19.0 | 17.4 | 13.6 | 10.6 | LL-VA-RSA-35-D-1-4-** |
| | 0.219 | 10 | 100 | 28.8 | 22.8 | 21.0 | 16.6 | 13.2 | LL-VA-RSA-35-E-1-4-** |
| | 0.250 | 10 | 100 | 33.6 | 26.8 | 24.4 | 19.6 | 15.8 | LL-VA-RSA-35-F-1-4-** |
| | 0.312 | 10 | 100 | 37.0 | 29.6 | 27.2 | 22.0 | 17.8 | LL-VA-RSA-35-G-1-4-** |
| 40 | 0.188 | 8 | 80 | 7.6 | 5.8 | 5.2 | 4.0 | 3.1 | LL-VA-RSA-40-D-8-4-** |
| | 0.219 | 8 | 100 | 10.0 | 7.6 | 7.0 | 5.6 | 4.4 | LL-VA-RSA-40-E-8-4-** |
| | 0.250 | 8 | 100 | 12.6 | 9.6 | 8.8 | 7.0 | 5.8 | LL-VA-RSA-40-F-8-4-** |
| | 0.188 | 9 | 100 | 12.6 | 9.6 | 9.0 | 7.0 | 5.0 | LL-VA-RSA-40-D-9-4-** |
| | 0.250 | 9 | 100 | 19.0 | 14.8 | 13.8 | 11.0 | 8.4 | LL-VA-RSA-40-F-9-4-** |
| | 0.188 | 10 | 100 | 18.2 | 14.2 | 12.8 | 9.6 | 7.2 | LL-VA-RSA-40-D-1-4-** |
| | 0.219 | 10 | 100 | 22.2 | 17.4 | 16.0 | 12.2 | 9.4 | LL-VA-RSA-40-E-1-4-** |
| | 0.250 | 10 | 100 | 26.2 | 20.8 | 19.0 | 14.8 | 11.6 | LL-VA-RSA-40-F-1-4-** |
| | | 0.312 | 10 | 100 | 29.4 | 23.4 | 21.4 | 16.8 | 13.4 |

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.



Round Straight Aluminum Pole 4 Bolt Base

Made in USA - Virginia

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

ORDERING GUIDE

| Brand | Location | Shaft Style | Height |
|-------------|-------------|-----------------------------|--|
| LL LITELUME | VA Virginia | RSA Round Straight Aluminum | 8 = 8' 10 = 10' 12 = 12' 14 = 14' 16 = 16' 18 = 18' 20 = 20' 25 = 25' 30 = 30' 35 = 35' 40 = 40' |

| Wall Thick. | Butt Dia. | Top Dia. | Base Style | Mounting Options | Finish |
|--|--|--------------|------------------------|---|--|
| B = .125" C = .156" D = .188" E = .219" F = .250" G = .312" | 4 = 4" 5 = 5" 6 = 6" 7 = 7" 8 = 8" 9 = 9" 1 = 10" | - = No Taper | 4 = 4-Bolt Base | DRILL MOUNT D000 - No Drilling D190 - Std. "A" D290 - Std. "A" & "D" D218 - Std. "A" & "C" D390 - Std. "A", "D", & "C" D490 - Std. "A", "B", "C", & "D" DCUS - Custom* TENON T204 - 2-3/8" O.D. x 4" T304 - 2-7/8" O.D. x 4" T356 - 3-1/2" O.D. x 6" T406 - 4" O.D. x 6" TCUS - Custom Tenon** * Specify Number and Orientation ** Specify O.D. and Height | SA - Satin Aluminum BK - Black Powder Coat WH - White Powder Coat DBZ - Dark Bronze Powder Coat DGR - Dark Green Powder Coat GY - Gray Powder Coat ** - Specify Finish |