



# Round Tapered Aluminum Pole Hinged Base

Made in USA - Virginia

## LL-VA-RTA-H

### No Arm — Hinged 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.



#### BASE STYLE

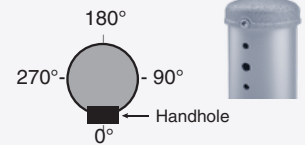
Hinged Cast Aluminum Base Flange of Alloy 356-T6 with 2-Piece Cast Aluminum Base Cover and Stainless Steel Tamper-Resistant Attaching Screws.



#### MOUNTING DESIGNATION

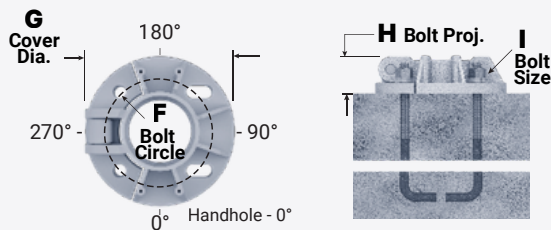
##### Side Drill Mount Applications

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



#### 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.



##### Tenon Mount Applications - Welded or Spun

Specify both Tenon diameter (2.375", 2.875", 3.5", etc.) and length (3", 4", etc.). Tenon style is factory option. Welded Tenon can be specified.



#### HANDHOLE

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



#### VIBRATION DAMPER

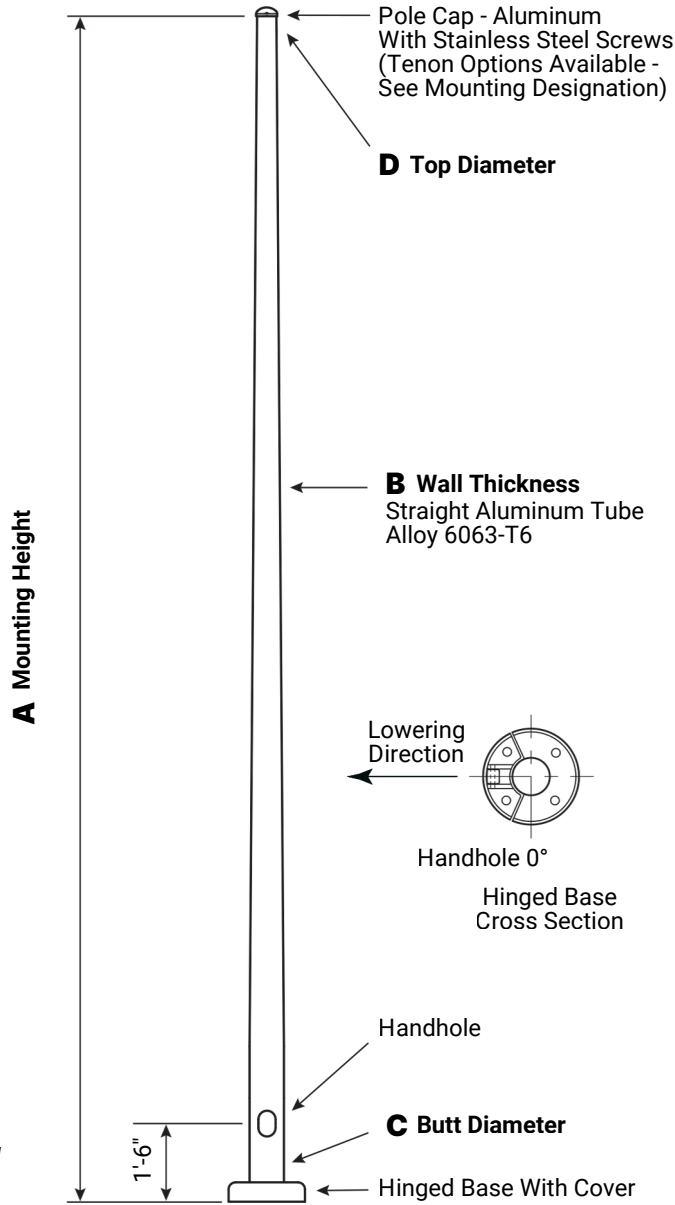
When determined necessary by LITELUME, a Vibration Damper will be factory-installed inside the pole shaft. Customer specification of the damper is available.

**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.	Cover Dia.	Bolt Proj.	Bolt Size
4	3	7	9.75	2	.75 x 17 x 3
5	3	8.5	11.25	2	.75 x 17 x 3

Dimensions in Inches

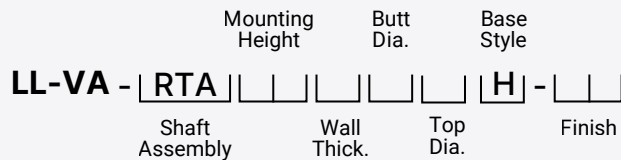


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## CATALOG NUMBER SYSTEM

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



### Catalog Number Example

**LL-VA-RTA-20-C-5-A-H-SA**

Round Tapered Aluminum, 20' Mounting Height, .156" Wall Thickness, 5" Butt Diameter, 3" Top Diameter, Hinged Base, Satin Aluminum Finish.

A	B	C	TOTAL LUM. WEIGHT	MAXIMUM EPA					CATALOG NUMBER
				90	100	110	120	130	
MTG. HGT.	Wall Thickness	Butt Dia.							
6	0.125	4	100	16.0	12.8	12.0	10.0	8.4	LL-VA-RTA-06-B-4-A-H**
8	0.125	4	100	11.0	8.6	8.0	6.6	5.4	LL-VA-RTA-08-B-4-A-H**
	0.156	4	100	13.6	10.8	10.0	8.2	6.8	LL-VA-RTA-08-C-4-A-H**
	0.188	4	100	16.0	12.8	11.8	9.8	8.2	LL-VA-RTA-08-D-4-A-H**
10	0.125	4	70	8.0	6.2	5.6	4.6	3.6	LL-VA-RTA-10-B-4-A-H**
	0.156	4	95	10.0	7.8	7.2	5.8	4.8	LL-VA-RTA-10-C-4-A-H**
	0.188	4	100	11.8	9.4	8.6	7.0	5.8	LL-VA-RTA-10-D-4-A-H**
	0.125	5	100	15.6	12.4	11.4	9.4	7.8	LL-VA-RTA-10-B-5-A-H**
	0.156	5	100	19.6	15.4	14.4	11.8	9.8	LL-VA-RTA-10-C-5-A-H**
12	0.125	4	45	6.0	4.6	4.2	3.2	2.4	LL-VA-RTA-12-B-4-A-H**
	0.156	4	60	7.6	5.8	5.4	4.2	3.4	LL-VA-RTA-12-C-4-A-H**
	0.188	4	80	9.2	7.0	6.4	5.2	4.2	LL-VA-RTA-12-D-4-A-H**
	0.125	5	100	12.0	9.4	8.6	7.0	5.8	LL-VA-RTA-12-B-5-A-H**
	0.156	5	100	15.2	12.0	11.0	9.0	7.4	LL-VA-RTA-12-C-5-A-H**
14	0.125	4	35	4.4	3.2	3.0	2.2	1.6	LL-VA-RTA-14-B-4-A-H**
	0.156	4	40	5.8	4.4	4.0	3.0	2.2	LL-VA-RTA-14-C-4-A-H**
	0.188	4	55	7.2	5.4	5.0	3.8	3.0	LL-VA-RTA-14-D-4-A-H**
	0.125	5	80	9.6	7.2	6.6	5.2	4.2	LL-VA-RTA-14-B-5-A-H**
	0.156	5	100	12.2	9.4	8.6	7.0	5.6	LL-VA-RTA-14-C-5-A-H**

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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	
16	0.156	4	30	4.4	3.2	2.8	2.0	1.4	LL-VA-RTA-16-C-4-A-H**
	0.188	4	30	5.6	4.2	3.8	2.8	2.0	LL-VA-RTA-16-D-4-A-H**
	0.125	5	55	7.6	5.8	5.2	4.0	3.0	LL-VA-RTA-16-B-5-A-H**
	0.156	5	80	9.8	7.6	6.8	5.4	4.2	LL-VA-RTA-16-C-5-A-H**
18	0.125	5	35	6.0	4.4	3.8	2.8	2.0	LL-VA-RTA-18-B-5-A-H**
	0.156	5	55	8.0	5.8	5.4	4.0	3.0	LL-VA-RTA-18-C-5-A-H**
20	0.125	5	25	4.6	3.2	2.8	1.8	1.2	LL-VA-RTA-20-B-5-A-H**
	0.156	5	35	6.4	4.6	4.0	3.0	2.2	LL-VA-RTA-20-C-5-A-H**

**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.*



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PROJECT NAME	
CATALOG #	
JOB TYPE	
PREPARED BY	
NOTES	

## ORDERING GUIDE

Brand	Location	Shaft Style	Height
LL LITELUME	VA Virginia	RTA Round Tapered Aluminum	6 = 6' 8 = 8' 10 = 10' 12 = 12' 14 = 14' 16 = 16' 18 = 18' 20 = 20'

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