



Style 47 Tapered Fluted Aluminum Pole

Made in USA - Virginia

LL-VA-S47-TF

Style 47 - Structural

Style 47 features a Cast Aluminum, 1-Piece Structural Pedestal Base of Alloy 356 per ASTM B26 or B108. The base shall have an access door with cast aluminum cover and stainless steel attaching hardware. An internal grounding provision will be provided opposite the access door.



POLE

The pole shaft will be constructed of seamless extruded tube of 6063 Aluminum Alloy per the requirements of ASTM B221. The shaft shall be joined to the structural base by means of a complete circumferential weld in accordance with AWS Specification D1.2. The assembly shall be full-length heat-treated after weld to produce a T6 temper.

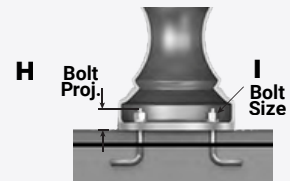
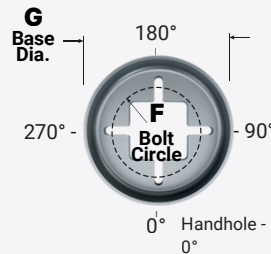
VIBRATION DAMPER

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



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.



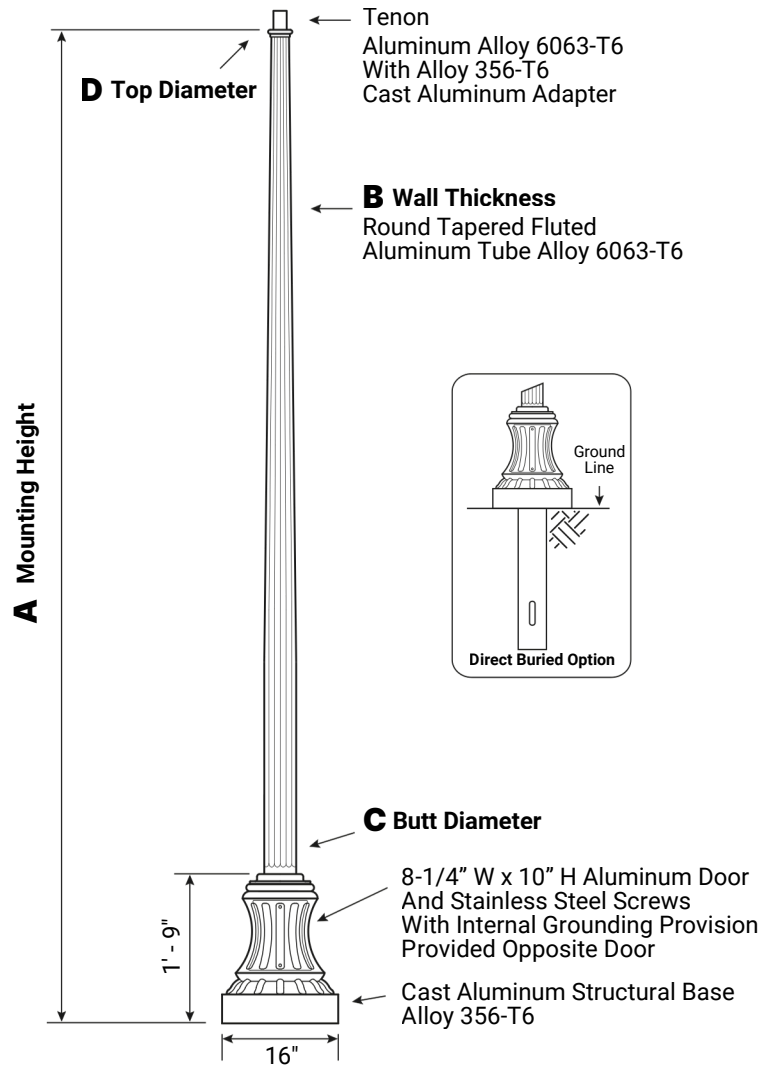
NOTE: All Style 47 pole options may be specified in designs utilizing Direct Buried anchorage.

WARNING: Do not install light pole without luminaire.



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Powder Coated Finish per Customer Specification

C	D	F	G	H	I
Butt Dia.	Top Dia.	Bolt Cir. Dia.	Base Dia.	Bolt Proj.	Bolt Size
5	Varies	8 - 12 ◆	16	2.5	.75 x 17 x 3
6	Varies	8 - 12 ◆	16	2.5	.75 x 17 x 3

◆ Diamond Bolt Pattern

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-S47-18-B-6-4-TF12-BK

Style 47 Structural Base, 18' Mounting Height, .125" Wall Thickness, 6" Butt Diameter, 4-Bolt Base, Tapered Fluted Shaft - 12-Flute, Black Powder Coat Finish

A	B	C	TOTAL LUM. WEIGHT	MAXIMUM EPA						CATALOG NUMBER
				90	100	110	120	130	140	
MTG. HGT.	Wall Thickness	Butt Dia.								
8	0.125	5	100	18.4	14.7	12.0	9.8	8.2	7.0	LL-VA-S47-08-B-5-4-TF*****
	0.125	6	100	18.2	14.6	11.7	9.7	8.1	6.8	LL-VA-S47-08-B-6-4-TF*****
10	0.125	5	100	14.2	11.2	9.0	7.3	6.0	5.0	LL-VA-S47-10-B-5-4-TF*****
	0.125	6	100	13.8	11.0	8.6	7.0	5.8	4.8	LL-VA-S47-10-B-6-4-TF*****
12	0.125	5	100	11.2	8.7	6.9	5.5	4.4	3.6	LL-VA-S47-12-B-5-4-TF*****
	0.125	6	100	10.8	8.4	6.4	5.1	4.1	3.3	LL-VA-S47-12-B-6-4-TF*****
14	0.125	5	100	9.0	6.9	5.4	4.2	3.2	2.4	LL-VA-S47-14-B-5-4-TF*****
	0.125	6	40	8.5	6.4	4.8	3.6	2.8	2.2	LL-VA-S47-14-B-6-4-TF*****
16	0.125	5	40	7.2	5.4	4.0	3.0	2.2	1.6	LL-VA-S47-16-B-5-4-TF*****
	0.125	6	40	6.6	4.8	3.4	2.4	1.7	1.2	LL-VA-S47-16-B-6-4-TF*****
18	0.125	6	40	5.1	3.6	2.4	1.4	0.8	-	LL-VA-S47-18-B-6-4-TF*****
20	0.125	6	40	3.9	2.6	1.4	0.7	-	-	LL-VA-S47-20-B-6-4-TF*****
25	0.125	6	40	1.7	0.7	-	-	-	-	LL-VA-S47-25-B-6-4-TF*****

EPA Notes:

Effective Projected Area (EPA) in square feet. EPA's calculated using wind velocity (mph) indicated in accordance with 2015 AASHTO LRFD (7th Edition) using a 50-year design life. Maximum EPA is based on the luminaire weight shown. Increased luminaire weight may reduce maximum EPA. If weight is exceeded, or if other design life or code is required, please consult the factory



*4-Bolt Base Anchorage shown. For direct buried design replace -4 in catalog number with -E.



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MOUNTING OPTIONS

Tenon Mount	Flute Options
<p>For Tenon Mount applications specify both Tenon diameter and length.</p> 	 <div style="display: flex; gap: 10px;"> <div data-bbox="1089 527 1187 621"> <p>TF12 12 Flute</p> </div> <div data-bbox="1203 527 1300 621"> <p>TF16 16 Flute</p> </div> </div>

TAPERED FLUTED MOUNTING HEIGHTS

Butt Diameter	TF12 Up To	TF16 Up To
5"	16'	16'
6"	25'	25'



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PROJECT NAME	
CATALOG #	
JOB TYPE	
PREPARED BY	
NOTES	

ORDERING GUIDE

Brand		Location		Base Style		Height	
LL LITELUME		VA Virginia		S47 Style 47		8 = 8' 10 = 10' 12 = 12' 14 = 14' 16 = 16' 18 = 18' 20 = 20' 25 = 25'	
Wall Thick.	Butt Dia.	Anchorage		Shaft Style	Mounting Options		Finish
B = .125"	5 = 5" 6 = 6"	4 = 4-Bolt Base E = Direct Buried		TF12 = Tapered Fluted 12-Flute TF16 = Tapered Fluted 16-Flute	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** <i>**Specify O.D. and Height</i>		POWDER COAT COLORS BK - Black Powder Coat WH - White Powder Coat DBZ - Dark Bronze Powder Coat DGR - Dark Green Powder Coat GY - Gray Powder Coat CUS - Custom Color* <i>* Provide RAL # or Sample Color Chip</i>