

## Product Description

The Alume Straight Round Steel poles are built from high strength steel tube and are available side drilled for arm mounted area lighting luminaires or with tenon mounts for flood and post top luminaires. Typical area lighting applications include retail centers, industrial parks, schools and universities, public transit and airports, office buildings and medical facilities. Mounting heights of 10' to 20'.

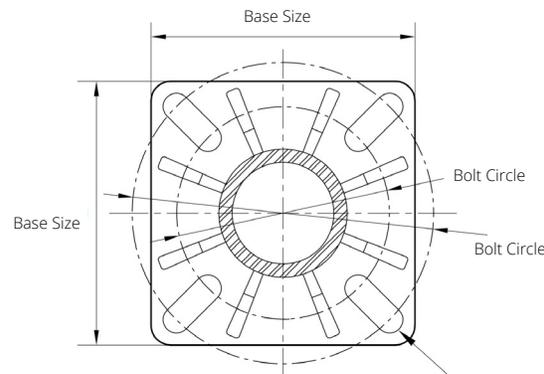
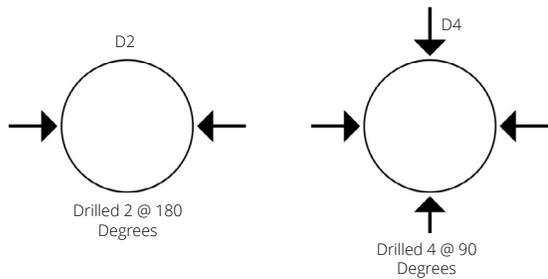
> Quick Ship - In Stock, Ready to Ship

Project:		Type:
Location:		
Prepared By:		Date:
Comments:		

## Performance Summary

- Dallas, TX and Temecula, CA warehoused product with same day shipping
- Standard length poles include 2 3/8" OD vertical tenon
- Polycarbonate top cover and hole plugs for unused drilling locations
- Poles are pre-drilled for side mount
- Drill templates available for a variety of luminaire mounting options
- Die cast aluminum reinforced cast iron hand-hole and cover with ground screw
- Anchor bolts are included and sized based on selected pole size
- Pole includes a two-piece formed steel base cover
- Base cover is easily assembled and fitted over pole base
- Conforms to ASTM-A 500 Grade B: minimum yield strength of 46,000 PSI
- Galvanized steel with 11 gauge (.120") wall thickness
- Textured architectural polyester powdercoat finish
- Baked to ensure maximum paint adhesion, hardness and durability
- Custom length pole height cutting is available
- Paint matched pole accessories are available

## Alume Round Straight Round Steel Poles



## Models:

- WDP10F3NRQ: Up to 10 foot, 3 inch round, 9.5" bolt circle, 10.5" base size, 1" base thickness, 4" bolt projection
- WDP15F3NRQ: Up to 15 foot, 3 inch round, 9.5" bolt circle, 10.5" base size, 1" base thickness, 4" bolt projection
- WDP15F3NRQ: Up to 20 foot, 4.5 inch round, 9.5" bolt circle, 10.5" base size, 1" base thickness, 4" bolt projection

Ordering Information:			Part Number:	Ordering Example: WDP10F3NRQ-10-BK-P2	
*Adder Applies. Extended Lead Time Applies.					
Family	Pole Height	Housing Finish	Pole Top Mounting	Options	Accessories
WDP10F3NRQ WDP15F3NRQ WDP20F3NRQ	10 - 10 Foot 15 - 15 Foot 20 - 20 Foot CS - Custom*	BK - Black	D2 - Drilled 2 Sides at 180 Degrees D4 - Drilled 4 Sides at 90 Degrees P2 - 2 3/8" OD x 4" Height Vertical Tenon* P3 - 2 7/8" OD x 3" Height Vertical Tenon*	LAB - Less Anchor Bolts LBC - Less Base Cover	SEE PAGE 2



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Dimensions, specifications, and product pictures are subject to change without notice.

## EPA:

**Wind Loading and Dimensional Data:**

Pole Description		80 MPH		90 MPH		100 MPH		110 MPH		120 MPH		130 MPH		140 MPH		150 MPH		Structure Weight (LBS)
Shaft Size & Wall Thickness	Mounting Height	Max EPA (SQ FT)	Max Weight (LBS)	Max EPA (SQ FT)	Max Weight (LBS)	Max EPA (SQ FT)	Max Weight (LBS)	Max EPA (SQ FT)	Max Weight (LBS)	Max EPA (SQ FT)	Max Weight (LBS)	Max EPA (SQ FT)	Max Weight (LBS)	Max EPA (SQ FT)	Max Weight (LBS)	Max EPA (SQ FT)	Max Weight (LBS)	
4" Round, 5mm Wall	10' - 0"	16.3	175	12.0	100	9.4	100	7.6	100	6.3	100	5.3	100	4.5	100	3.9	100	43
	12' - 0"	12.1	185	9.6	100	7.4	100	5.9	100	4.9	100	4.1	100	3.5	100	2.9	100	52
	14' - 0"	9.7	190	7.7	100	5.8	100	4.6	100	3.7	100	3.1	100	2.6	100	2.2	100	60
	16' - 0"	7.5	155	6.0	100	4.4	100	3.3	100	2.7	100	2.2	100	1.8	100	1.5	100	69
	18' - 0"	5.7	125	4.6	100	3.1	100	2.3	100	1.8	100	1.4	100	1.1	100	0.9	100	78
	20' - 0"	4.3	95	3.3	100	2.1	100	1.4	100	1.0	100	0.7	100	0.5	100	-	-	86
5" Round, 5mm Wall	16' - 0"	10.1	200	8.6	100	6.6	100	5.3	100	4.4	100	3.6	100	3.0	100	2.5	100	72
	18' - 0"	8.0	255	6.8	100	5.1	100	4.1	100	3.3	100	2.7	100	2.2	100	1.8	100	81
	20' - 0"	6.4	150	5.2	100	3.8	100	3.0	100	2.3	100	1.9	100	1.5	100	1.2	100	90
	25' - 0"	4.0	200	3.4	100	2.4	100	1.7	100	1.2	100	0.8	100	0.6	100	-	-	112

## NOTES:

- Maximum EPA (Effective Projected Area) and weight values are based on AASHTO 2013 (90-150MPH) and AASHTO 2008 (80MPH)
- Consult factory on loading criteria for pole top mounted luminaires and/or brackets
- Variations from sizes above are available upon inquiry at the factory
- Satisfactory performance of poles is dependent upon the pole properly attached to a supporting foundation of adequate design
- Structure weight is a nominal value which includes the pole shaft and base plate only
- Side drilled poles include polycarbonate pole cap
- All poles include anchor bolts standard, consult dimension table for size based on pole dimensions
- All poles include square 2-piece black base cover
- Pole accessories listed below use their own part number
- Pole accessories are field installed
- Pole accessories color match the black pole

## Accessories for 3" Straight Round Steel Pole:

<b>VVDPTS1SZ</b> - Single Spoke Bracket, fits P2 Tenon 	<b>VVDPTS290SZ</b> - Twin Spoke Bracket, 90 Degree Arms, fits P2 Tenon 	<b>VVDPTS2180SZ</b> - Twin Spoke Bracket, 180 Degree Arms, fits P2 Tenon 
<b>VVDPTS390SZ</b> - Triple Spoke Bracket, 90 Degree Arms, fits P2 Tenon 	<b>VVDPTS3120SZ</b> - Triple Spoke Bracket, 120 Degree Arms, fits P2 Tenon 	<b>VVDPTS490SZ</b> - Quad Spoke Bracket, 90 Degree Arms, fits P2 Tenon 
<b>VVDPRSWMBZ</b> - Wall Mount Bracket 	<b>VVDPRSWMB90Z</b> - Wall Mount Bracket, 90 Degrees 	



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