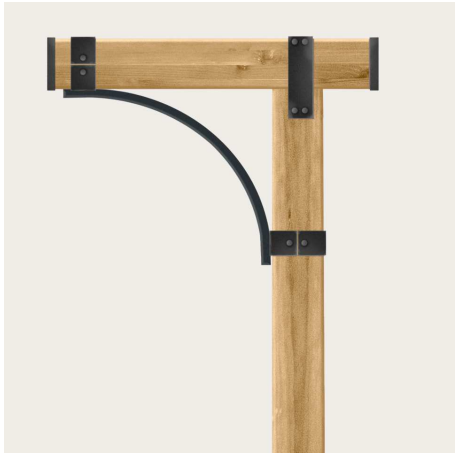


Project Name

Qty

Type

Catalog / Part Number



Certifications



Finish



Black
Textured



White
Textured



Park
Green
Textured



Arch Med
Bronze Tex



Dark
Bronze
Textured



Verde
Green



Swedish
Iron



Old World
Gray Tex



Old Iron



Rust



Weathered
Brown



Cedar



Weathered
Black



Two Tone



Custom
Match

Description

ArburPole™ Top Mount Arm poles are manufactured using naturally renewable and abundant Alaskan yellow cedar which is considered one of America's most durable and attractive softwood species available. For decades, Alaskan yellow cedar has been used as a safe and natural alternative to chemically preserved treated lumber because of its strength and proven resistance to insect attack and decay. By nature, Alaskan yellow cedar is aromatic, stable, workable, strong, fine textured and straight grained.

ArburPole™ contains no chemical preservatives.

The Top Mount Arm style includes a decorative aluminum arch and brackets painted to match the luminaire which adds ornate detail.

Physical

Pole Model	ART: ArburPole™ Top Mount Arm
Shaft Profile	66: 6.75"x6.75" 88: 8.5"x8.25"
Overall Height	10', 12', 14', 16', 18', 20', 22', 24'
Wood Arm	TS45: Top Mount Style Arm Single, 4.5' TS60: Top Mount Style Arm Single, 6' TS80: Top Mount Style Arm Single, 8' TD65: Top Mount Style Arm Double, 6.5' TD85: Top Mount Style Arm Double, 8.5' TD115: Top Mount Style Arm Double, 11.5'
Texture	S: Smooth R: Rough
Mounting	BP: Base Plate (no cover) BPC: Base Plate with cover DB: Direct Burial

anchor bolts



Direct Burial Length (If Applicable)	3: 3' Direct Burial Extension 4: 4' Direct Burial Extension 5: 5' Direct Burial Extension 6: 6' Direct Burial Extension
Optional Receptacle	SGFI IUC: 120V, 15 Amp, Surface Mounted GFI with a standard in-use cover
Optional Banner Arms	SBA: Single Banner Arm, "PM" style mount DBA: Double Banner Arms, "PM" style mount SBAR: Single Banner Arm and Ring, for triangle banners, "PM" style mount
Optional Flag Pole Holder	FH: Cast Aluminum flag holder mount, for use with 1" diameter flag pole
Optional Steel Wreath Hook	WHK: Steel Wreath Hook
Metal Finish	BKT: Black Textured WHT: White Textured PGT: Park Green Textured ABZT: Arch Med Bronze Tex DBT: Dark Bronze Textured CM: Custom Match OI: Old Iron RT: Rust WBR: Weathered Brown CD: Cedar WBK: Weathered Black TT: Two Tone VG: Verde Green SI: Swedish Iron OWGT: Old World Gray Tex
Banner Width (If Applicable)	18W: 20" Long Banner arm 24W: 26" Long Banner arm CSTM: Custom Sized Banner setup

Electrical and control

Optional Motion Sensor In Arm	MSA-FLT-L7: Motion Sensor, For Flat shaft, L7 Sensor Lens (50' diameter coverage at 20' MH) MSA-FLT-L3: Motion Sensor, For Flat shaft, L3 Sensor Lens (40' diameter coverage at 20' MH)
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How to Order

Pole Model	Shaft Profile	Overall Height ⁽³⁾ ⁽⁴⁾	Wood Arm	Texture	Mounting	Direct Burial Length (If Applicable) ⁽⁸⁾	Optional Receptacle	Optional Motion Sensor In Arm	Optional Banner Arms	Banner Width (If Applicable) ⁽⁹⁾ ⁽¹⁰⁾	Optional Flag Pole Holder	Optional Steel Wreath Hook	Metal Finish
ART ArburPole™ Top Mount Arm	66 6,75"x6,75" ⁽¹⁾	10FT 10'	TS45 Top Mount Style Arm Single, 4.5' ⁽⁵⁾	S Smooth	BP Base Plate (no cover)	3 3' Direct Burial Extension	SGFI IUC 120V, 15 Amp, Surface Mounted GFI with a standard in-use cover	MSA-FLT-L7 Motion Sensor, For Flat shaft, L7 Sensor Lens (50' diameter coverage at 20' MH)	SBA Single Banner Arm, "PM" style mount DBA Double Banner Arms, "PM" style mount SBAR Single Banner Arm and Ring, for triangle banners, "PM" style mount	18W 20" Long Banner arm 24W 26" Long Banner arm CSTM Custom Sized Banner setup ⁽¹¹⁾	FH Cast Aluminum flag holder mount, for use with 1" diameter flag pole	WHK Steel Wreath Hook	BKT Black Textured WHT White Textured PGT Park Green Textured ABZT Arch Med Bronze Tex. DBT Dark Bronze Textured CM Custom Match OI Old Iron RT Rust WBR Weathered Brown CD Cedar WBK Weathered Black TI Two Tone VG Verde Green SI Swedish Iron OWGT Old World Gray Tex
	88 8,5"x8,25" ⁽²⁾	12FT 12'		R Rough	BPC Base Plate with cover	4 4' Direct Burial Extension							
		14FT 14'	TS60 Top Mount Style Arm Single, 6'		DB Direct Burial ⁽⁷⁾	5 5' Direct Burial Extension							
		16FT 16'	TS80 Top Mount Style Arm Single, 8' ⁽⁶⁾			6 6' Direct Burial Extension							
		18FT 18'											
		20FT 20'	TD65 Top Mount Style Arm Double, 6,5' ⁽⁵⁾										
		22FT 22'											
		24FT 24'	TD85 Top Mount Style Arm Double, 8,5'										
			TD115 Top Mount Style Arm Double, 11,5' ⁽⁶⁾										

- Notes:
1. Available in heights: 10', 14', 18' and 22'

2. Available in heights: 12', 16', 20' and 24'

3. Length does NOT include direct burial section.

4. See EPA chart for maximum lengths.

5. Only available with ART-66 Pole

6. Only available with ART-88 Pole

7. Direct Burial mounting not recommended for all locations, see Direct Burial Decay Zone Map for more information.

8. Required for Direct Burial mount

9. Height to be advised (CONSULT EPA CHART)

10. Banner width should be 2" smaller than the banner arm, so an 18" wide banner is assumed to be used with a 20" long arm. Banners by Others.

11. Maximum of 28" wide banner with 30" long banner arm

Specifications

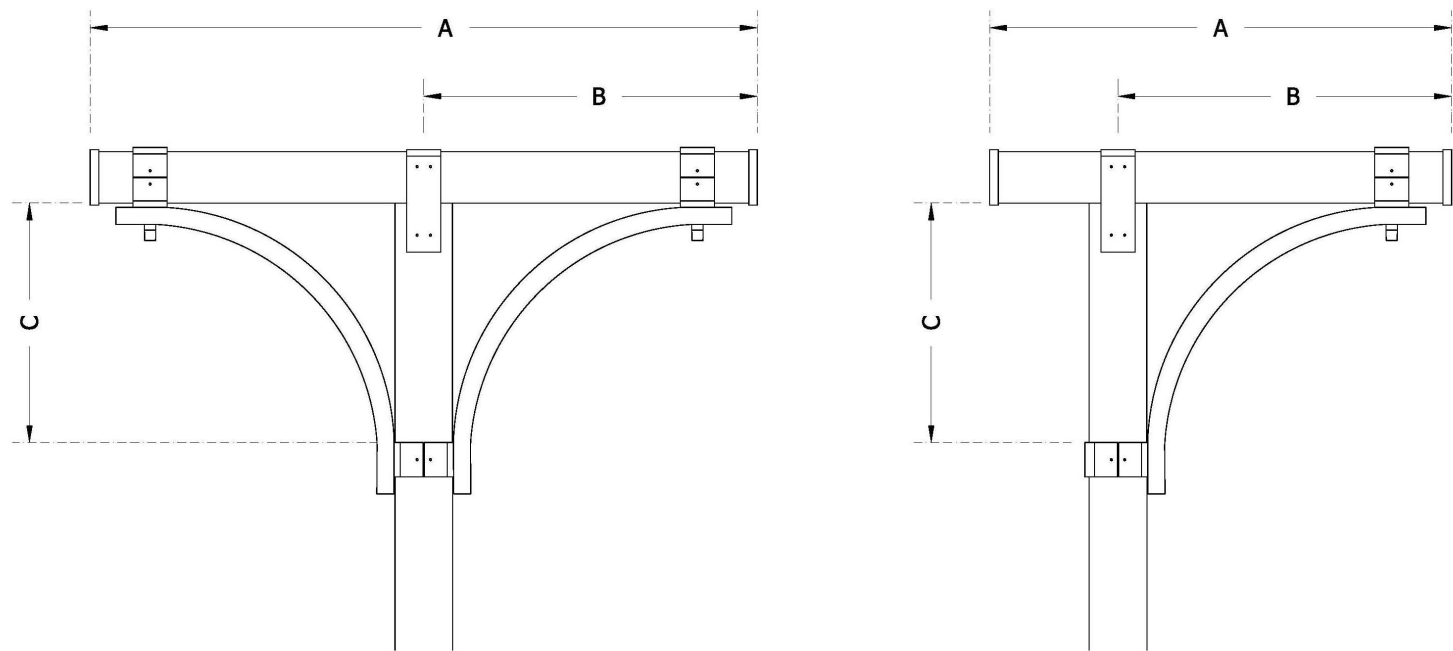
Fixture Attachment	When supplied with a Sternberg fixture, the arm includes a wiring box under each scroll. This box has a clean connection to the "EZ" Hangstraight included with the luminaire. When the pole is supplied without a luminaire a 3/4"-14 x 1" tall NPS threaded nipple is supplied for attachment.
Wood Arm	A multi-laminate horizontal wood arm with a matching profile sits on top of the vertical shaft. It includes a decorative aluminum arch and brackets painted to match the luminaire which adds ornate detail. Aluminum end caps close off the wire raceway.
Installation	Steel Anchor bases are offered with an optional base covers for a clean aesthetic. Four hot-dipped galvanized "L" type anchor bolts shall be provided with the base for anchorage. ART 66 - 3/4" AB's, 14.3125" BC, Square Pattern ART 88 - 1" AB's, 16" BC, Square Pattern CONCRETE FOOTING DESIGN BY OTHERS (OPTIONAL): Direct burial portion of the wood pole shaft is extended in specifiable lengths for installation. Includes 1-1/4" wireway hole at 2.5' below grade. Embedment depth and backfill material must be designed by a licensed engineer per local building code requirements and soil conditions.
Alaskan Cedar	ArburPole™ eco-friendly wood light poles are composed of kiln-dried stress-rated Alaskan yellow cedar. They are engineered to offer a natural, attractive and functional alternative to the everyday metal, fiberglass and concrete poles commonly specified.
Stain	It is recommended to apply an oil based stain on site after installation to match on-site colors/shades.
Banner Arm(s)	"PM" style banner arms use a cast aluminum mount mechanically attached to the pole shaft. The removable banner arm includes a flange that attaches to cast mount via 2 stainless steel hex head bolts and a removable cast aluminum ball cap. 1/2" pipe (.84" OD) is used for banner arm lengths up to and including 20" long. 3/4" pipe (1.05" OD) is used for banner arm lengths 21" to 30" •The actual banner width should be 2" smaller than the attachment arm , so an 18" wide banner is assumed to be used with a 20" long arm. All Banners by Others (SBA) - Single Banner Arm (DBA) - Double Banner Arm (SBAR) - Single Banner Arm and Ring
Receptacle	Optional surface mounted 120V duplex 15A GFI receptacle installed in standard J-box with a lockable In-Use cover (lock not included).
Motion Sensor	The optional passive infra-red (PIR) sensor allows for autonomous management of each luminaire's light levels based on activity within the coverage area. Fully programmable for the specific needs of the site, including an integral photocell for dusk to dawn on/off control. Sensor mounted in 10" long rectangular aluminum arm, available for square and round poles shafts. Offered with 2 optional FSP-Lx lenses. L3 – 40' diameter coverage at 20' MH L2 – 50' diameter coverage at 20' MH Lenses include a WHITE frame with USLT, USL, UWHT, UWH finishes. All other finishes include BLACK frame on lens. Enables compliance with Title 24 for luminaires without integral dimming control.
Engineered Wood	Poles are composed of individual laminations of Alaskan yellow cedar graded for structural predictability and bonded together using durable moisture-resistant adhesives. Our process is in conformance with ANSI A190.1 Standard for Wood Products - Structural Glued Laminated Timber under American Institute of Timber Construction (AITC) quality monitoring. Each individual board is kiln dried to an exact moisture content to eliminate shrinkage and ensure dimensional stability. The ends of each defect-free board are finger jointed, adhesives are applied, then accurately planed prior to face gluing. The laminations are bonded together under tremendous heat and pressure offering a strong, stable, predictable and beautiful wooden light pole.
Wire Raceway	Internal 1" x 1.25" square raceway runs the full length of the vertical shaft.

Metal Finish	6 Stage Polyester Powdercoat paint system.
Traditional Finish	Traditional paint finishes are available in Sternberg Lighting's Traditional product line. A range of colors help accent the decorative elements on the product. Finishes are available in textured or smooth. Available finishes include: Black, White, Park Green, Architectural Medium Bronze and Dark Bronze
Warranty	5-year limited warranty (See Website for Terms and Conditions)

Shaft Detail



Arm Details



POLE SIZE	ARM PART NUMBER	DESCRIPTION	DIM A	DIM B	DIM C
			(in.)		
AR66	TS45	4.5' Single	54	39	28
	TS60	6' Single	72	51	36
	TD65	6.5' Double	78	39	28
	TD85	8.5' Double	102	51	36
AR88	TS60	6' Single	72	52	36
	TS80	8' Single	96	69	51
	TD85	8.5' Double	102	51	36
	TD11.5	11.5' Double	138	69	51

Options



Base Plate with cover (BPC)



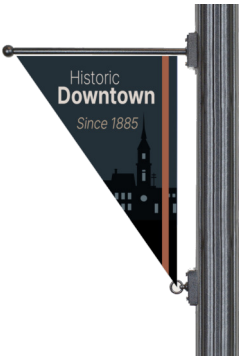
Base Plate (No Cover) (BP)



Single Banner Arm (SBA)



Double Banner Arms (DBA)



Single Banner Arm and Ring (SBAR)



Wreath Hook (WHK)



Flag Holder (FH)
(For 1" diameter poles)

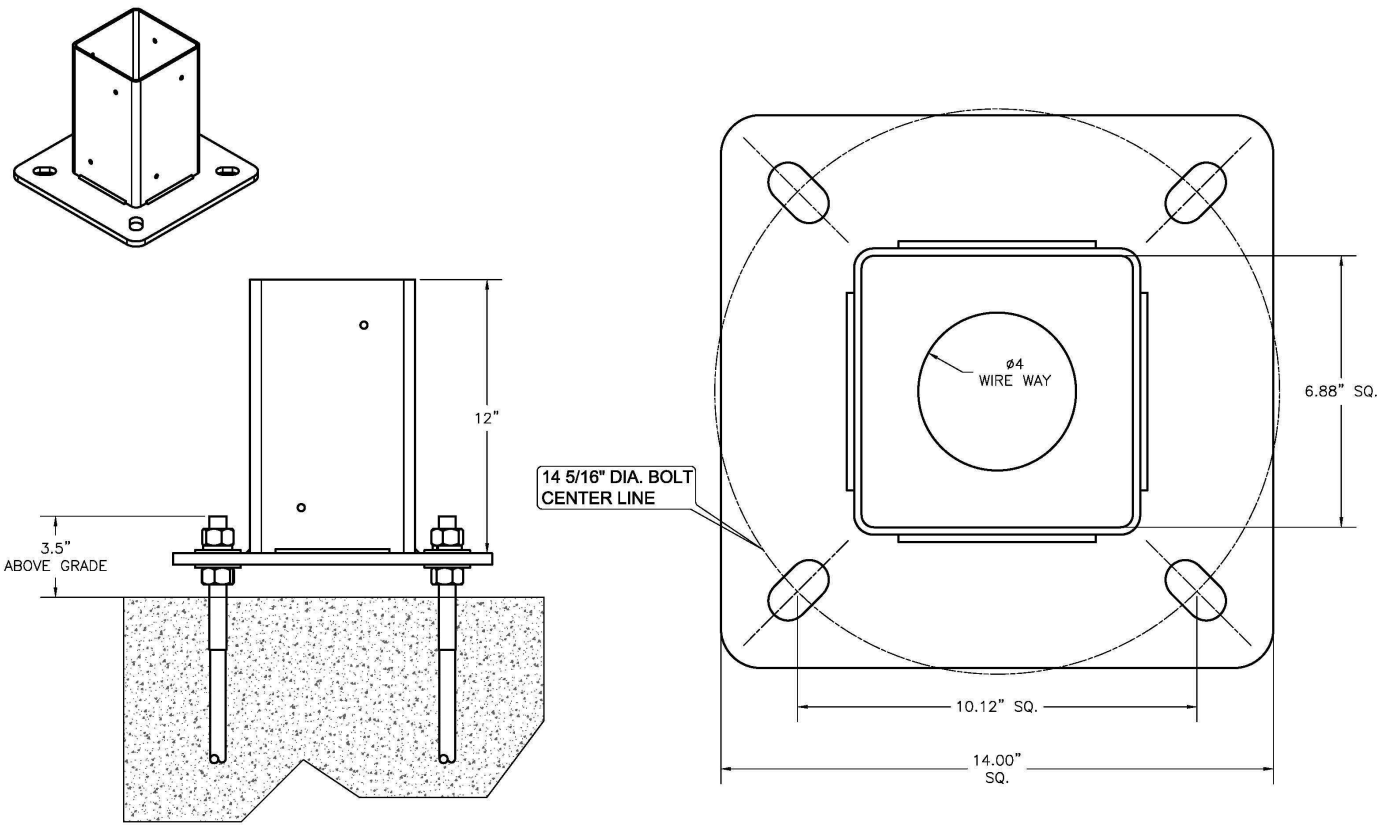


Surface mounted duplex GFI
with standard in-use cover
(SGFI IUC)

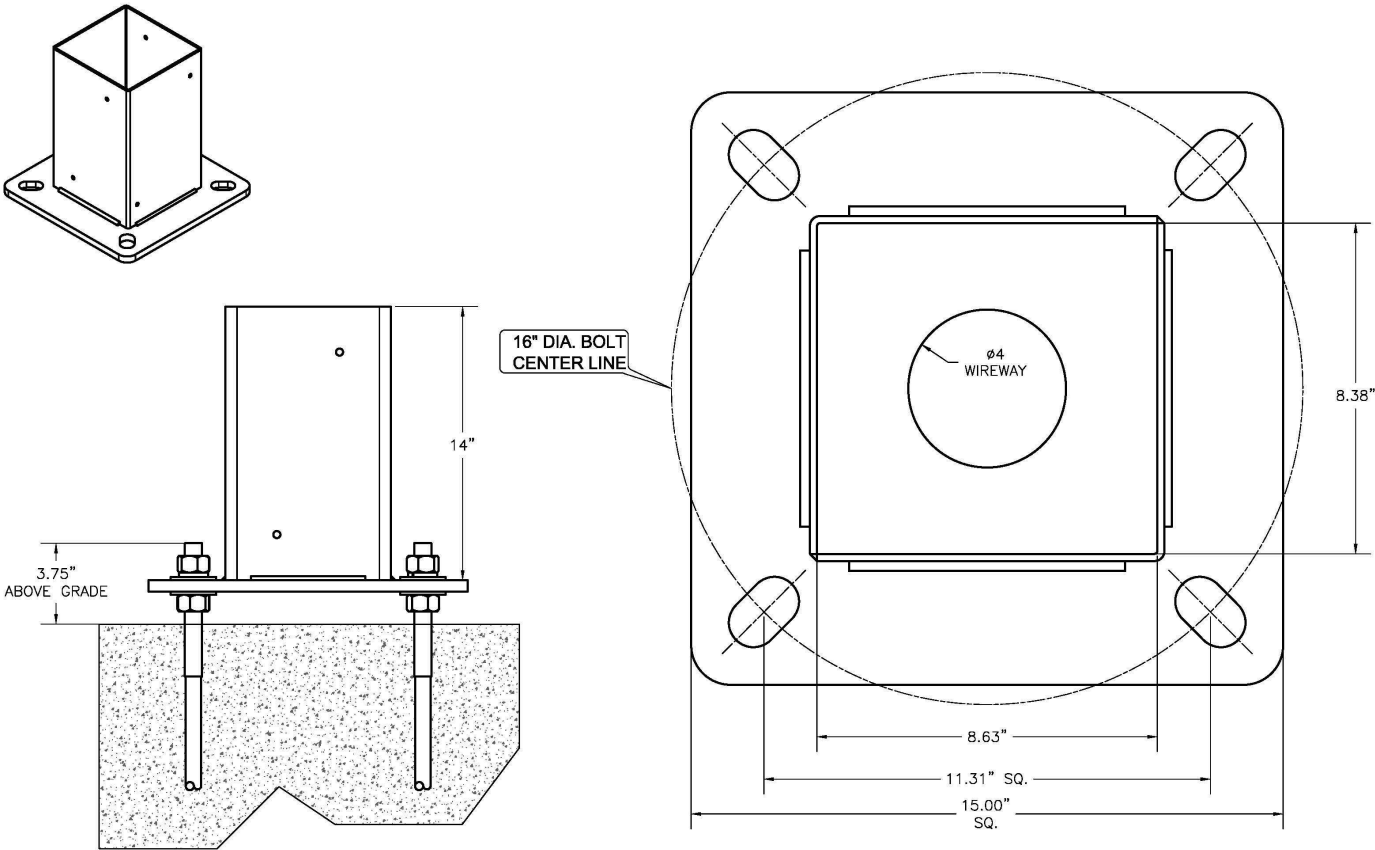


Motion Sensor in Arm (MSA)

Anchor Base Details

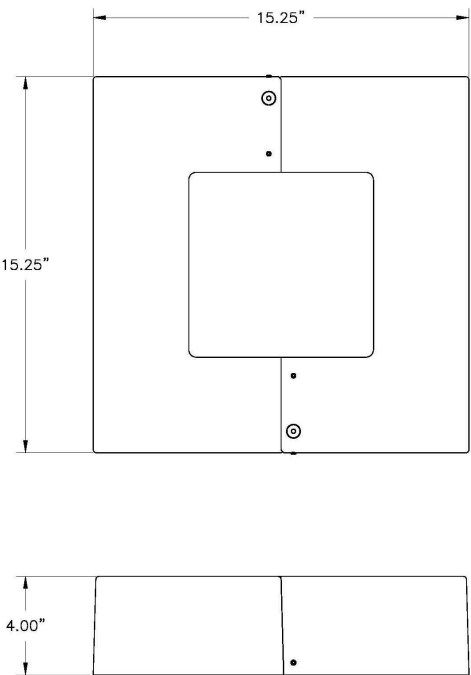
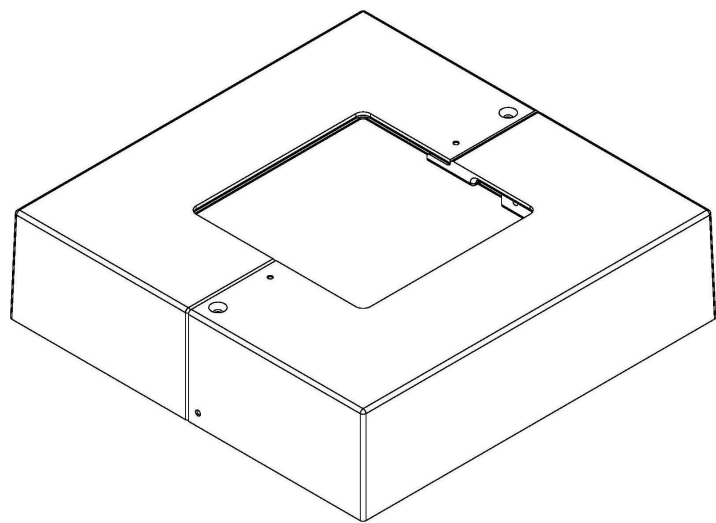


ArburPole **(66)** 6.75'x6.75" Base Detail
For use with 3/4" anchor bolts

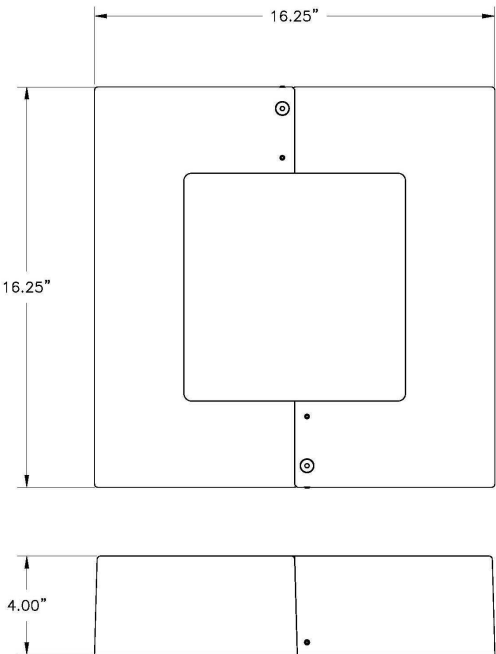
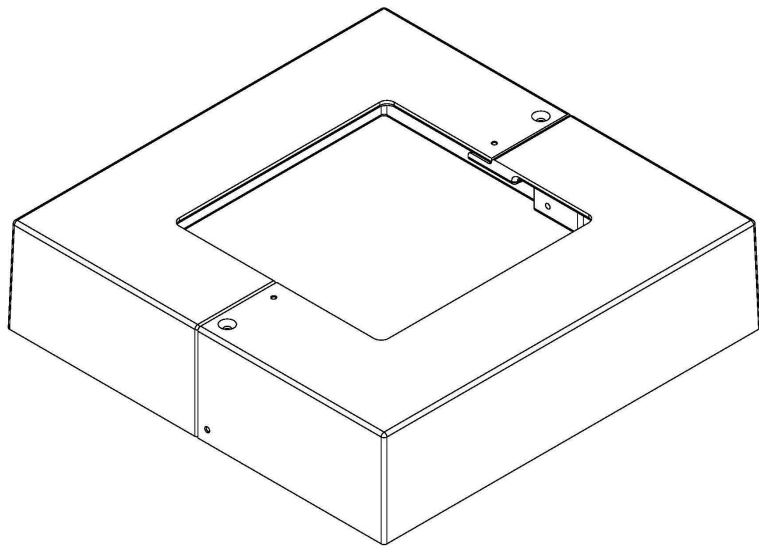


ArburPole **(88)** 8.50'x8.25" Base Detail
For use with 1" anchor bolts

Base Cover Details



ArburPole (66) 6.75"x6.75" Base Cover Detail



ArburPole (88) 8.5"x8.25" Base Cover Detail

EPA Charts | Base Mount

Pole Height	90 MPH	100 MPH	120 MPH	130 MPH	140 MPH	150 MPH
(TS45) - SINGLE ARM, 4.5' LONG - (66) 6.75" x 6.75" Shaft Profile - BASE MOUNT						
10	9.49	7.31	4.46	3.51	2.75	2.14
14	9.49	7.31	4.46	2.49		
18	7.83	3.62				
(TS60) - SINGLE ARM, 6' LONG - (66) 6.75" x 6.75" Shaft Profile - BASE MOUNT						
10	6.52	4.75	2.46	1.68	1.07	0.58
14	6.52	4.75	2.46	0.84		
18	6.11	1.95				
(TS60) - SINGLE ARM, 6' LONG - (88) 8.25" x 8.50" Shaft Profile - BASE MOUNT						
12	13.90	10.60	6.30	4.86	3.71	2.79
16	13.50	10.28	6.08	4.67	2.21	
20	12.78	9.19				
24	4.99					
(TS80) - SINGLE ARM, 8' LONG - (88) 8.25" x 8.50" Shaft Profile - BASE MOUNT						
12	8.28	5.84	2.67	1.60	0.76	
16	7.99	5.61	2.51	1.46		
20	7.44	5.16				
24	2.25					
(TD65) - DOUBLE ARM, 6.5' LONG - (66) 6.75" x 6.75" Shaft Profile - BASE MOUNT						
10	18.99	14.62	8.93	7.01	5.50	3.50
14	16.35	10.51	2.92			
18	5.71	1.49				
(TD85) - DOUBLE ARM, 8.5' LONG - (66) 6.75" x 6.75" Shaft Profile - BASE MOUNT						
10	13.04	9.51	4.91	3.37	2.14	1.15
14	13.03	8.29	0.72			
18	3.49					
(TD85) - DOUBLE ARM, 8.5' LONG - (88) 8.25" x 8.50" Shaft Profile - BASE MOUNT						
12	27.79	21.20	12.61	9.72	7.43	5.58
16	27.01	18.55	6.21	2.06		
20	12.83	5.75				
24	1.54					
(TD115) - DOUBLE ARM, 11.5' LONG - (88) 8.25" x 8.50" Shaft Profile - BASE MOUNT						
12	16.55	11.68	5.34	3.20	1.51	
16	15.97	11.21	2.33			
20	8.91	1.86				

EPA Charts | Direct Burial

DIRECT BURIAL LENGTH MUST BE INCLUDED IN OVERALL HEIGHT (IE: 16' ABOVE GRADE PLUS 4' DIRECT BURIAL PORTION IS A 20' OVERALL HEIGHT POLE)

Pole Height	90 MPH	100 MPH	120 MPH	130 MPH	140 MPH	150 MPH
(TS45) - SINGLE ARM, 4.5' LONG - (66) 6.75" x 6.75" Shaft Profile - DIRECT BURIAL MOUNT						
10	8.06	6.14	3.66	2.82	2.15	1.62
14	8.06	6.14	1.47			
18	3.55					
(TS60) - SINGLE ARM, 6' LONG - (66) 6.75" x 6.75" Shaft Profile - DIRECT BURIAL MOUNT						
10	5.36	3.81	1.80	1.13	0.59	
14	5.36	3.81				
18	1.86					
(TS60) - SINGLE ARM, 6' LONG - (88) 8.25" x 8.50" Shaft Profile - DIRECT BURIAL MOUNT						
12	11.73	8.84	5.08	3.82	2.82	2.01
16	11.73	8.84	4.41	1.04		
20	9.13	3.40				
(TS80) - SINGLE ARM, 8' LONG - (88) 8.25" x 8.50" Shaft Profile - DIRECT BURIAL MOUNT						
12	6.67	4.54	1.77	0.83		
16	6.67	4.54	1.69			
20	6.17	0.66				
(TD65) - DOUBLE ARM, 6.5' LONG - (66) 6.75" x 6.75" Shaft Profile - DIRECT BURIAL MOUNT						
10	16.11	12.29	7.31	4.43	2.14	
14	10.00	5.37				
18	1.42					
(TD85) - DOUBLE ARM, 8.5' LONG - (66) 6.75" x 6.75" Shaft Profile - DIRECT BURIAL MOUNT						
10	10.72	7.63	3.61	2.24		
14	7.75	3.15				
(TD85) - DOUBLE ARM, 8.5' LONG - (88) 8.25" x 8.50" Shaft Profile - DIRECT BURIAL MOUNT						
12	23.45	17.68	10.17	7.11	3.49	0.56
16	18.70	10.99	0.97			
20	5.68					
(TD115) - DOUBLE ARM, 11.5' LONG - (88) 8.25" x 8.50" Shaft Profile - DIRECT BURIAL MOUNT						
12	13.35	9.09	3.54	1.67		
16	13.35	7.06				
20	1.76					