

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



Cedar



Brown



Weathered
Black



Two Tone



Custom
Match

Description

ArburPole™ Wrapped 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 Wrapped Arm style includes a set of horizontal wood arms wrapping the vertical pole shaft.

Physical

Pole Model	ARW: ArburPole™ Wrapped Arm
Shaft Profile	55: 5"x5.5" 66: 6.75"x6.75"
Overall Height	8', 10', 12', 14', 16', 18', 20', 22'
Wood Arm	WS2: Wrapped Style Arm Single, 2' WS3: Wrapped Style Arm Single, 3' WS4: Wrapped Style Arm Single, 4' WD4: Wrapped Style Arm Double, 4' WD6: Wrapped Style Arm Double, 6' WD8: Wrapped Style Arm Double, 8'
Texture	S: Smooth R: Rough
Mounting	BP: Base Plate (no cover) BPC: Base Plate with cover DB: Direct Burial

3/4" x 18" long 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) ⁽⁶⁾	Optional Receptacle	Optional Motion Sensor In Arm	Optional Banner Arms	Banner Width (If Applicable) ⁽⁷⁾ ⁽⁸⁾	Optional Flag Pole Holder	Optional Steel Wreath Hook	Metal Finish
ARW ArburPole™ Wrapped Arm	55 5"x5.5" ⁽¹⁾	08FT 8'	WS2 Wrapped Style Arm Single, 2'	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	18W 20" Long Banner arm	FH Cast Aluminum flag holder mount, for use with 1" diameter flag pole	WHK Steel Wreath Hook	BKT Black Textured
	66 6.75"x6.75" ⁽²⁾	10FT 10'	WS3 Wrapped Style Arm Single, 3'	R Rough	BPC Base Plate with cover	4 4' Direct Burial Extension							WHT White Textured
		12FT 12'	WS4 Wrapped Style Arm Single, 4'		DB Direct Burial ⁽⁵⁾	5 5' Direct Burial Extension							PGT Park Green Textured
		14FT 14'											ABZT Arch Med Bronze Tex
		16FT 16'											DBT Dark Bronze Textured
		18FT 18'	WD4 Wrapped Style Arm Double, 4'										CM Custom Match
		20FT 20'											OI Old Iron
		22FT 22'	WD6 Wrapped Style Arm Double, 6'										RT Rust
			WD8 Wrapped Style Arm Double, 8'										WBR Weathered Brown
													WBK Weathered Black
													TT Two Tone
													VG Verde Green
													SI Swedish Iron
													OWGT Old World Gray Tex

Notes:

1. Available in heights: 8', 12', 16' and 20'

2. Available in heights: 10', 14', 18' and 22'

3. Length does NOT include direct burial section.

4. See EPA chart for maximum lengths.

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

6. Required for Direct Burial mount

7. Height to be advised (CONSULT EPA CHART)

8. 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.

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

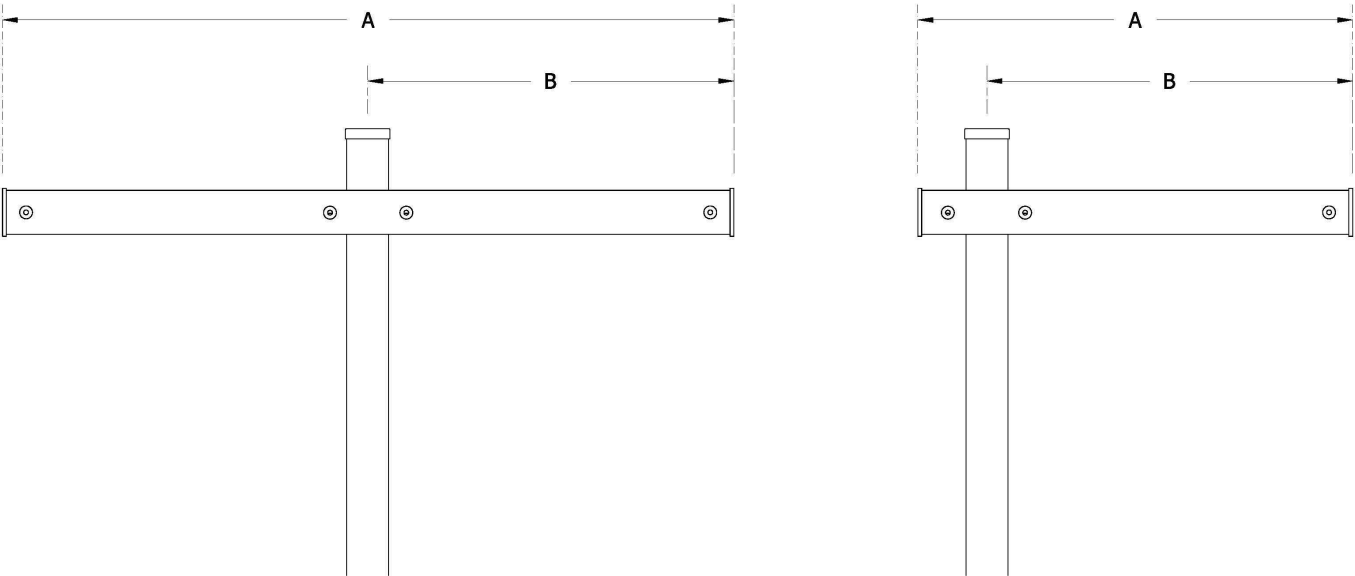
Specifications	
Fixture Attachment	The arm includes a cast aluminum wire box hidden between the end of the wrapped arms. This box has a clean connection to the "EZ" Hangstraight included with the luminaire. When the pole is supplied without a luminaire a 1/2"-14 x 1" tall NPS threaded nipple is supplied for attachment.
Wood Arm	A set of 5" tall multi-laminate horizontal wood arms wrap the vertical pole shaft. Mostly hidden hardware creates a clean aesthetic. Aluminum caps painted to match the luminaire closes off the wire raceway on the vertical shaft and hides the wire-box at the end of the arm.
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. AR_55 - 3/4" AB's, 11.5" BC, Square Pattern AR_66 - 3/4" AB's, 14.3125" 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

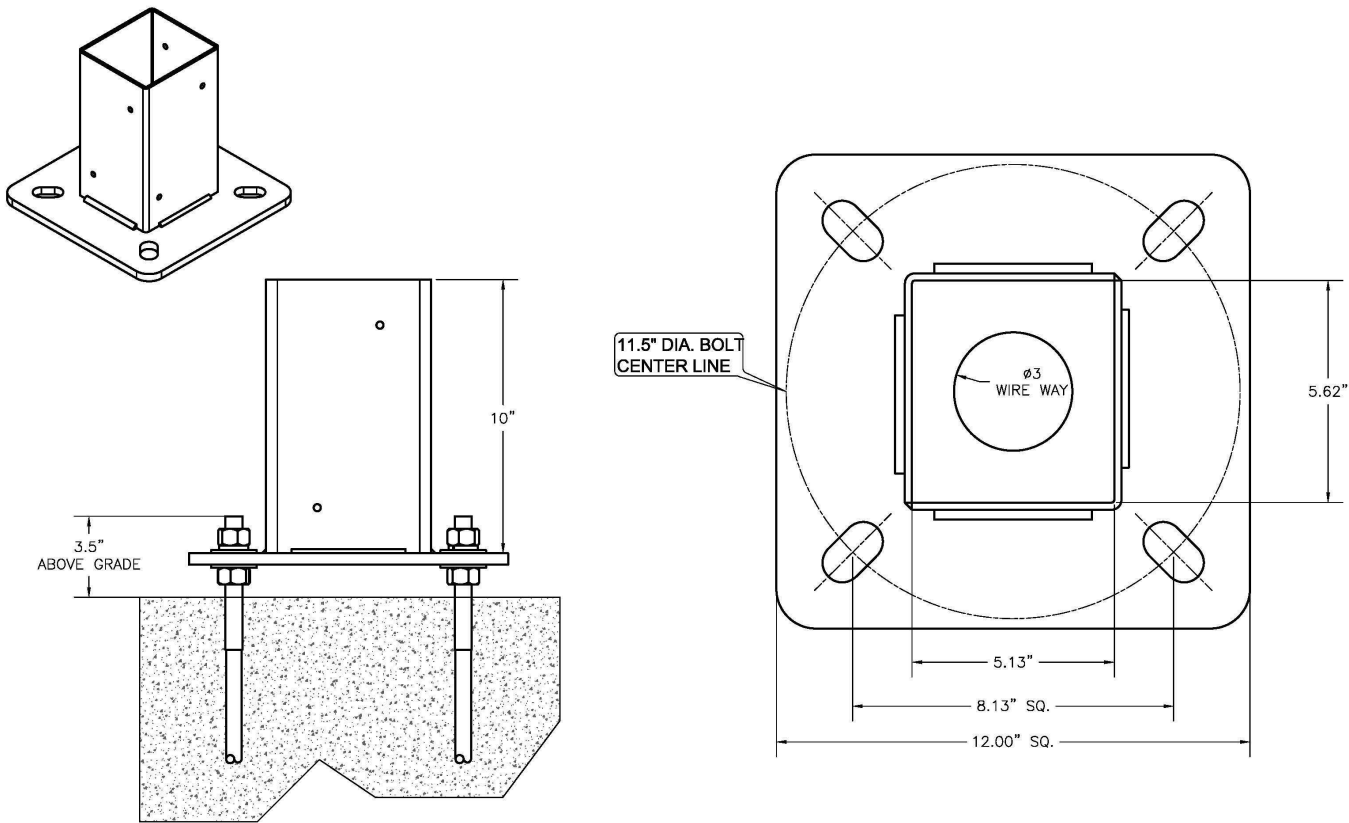


Arm Details

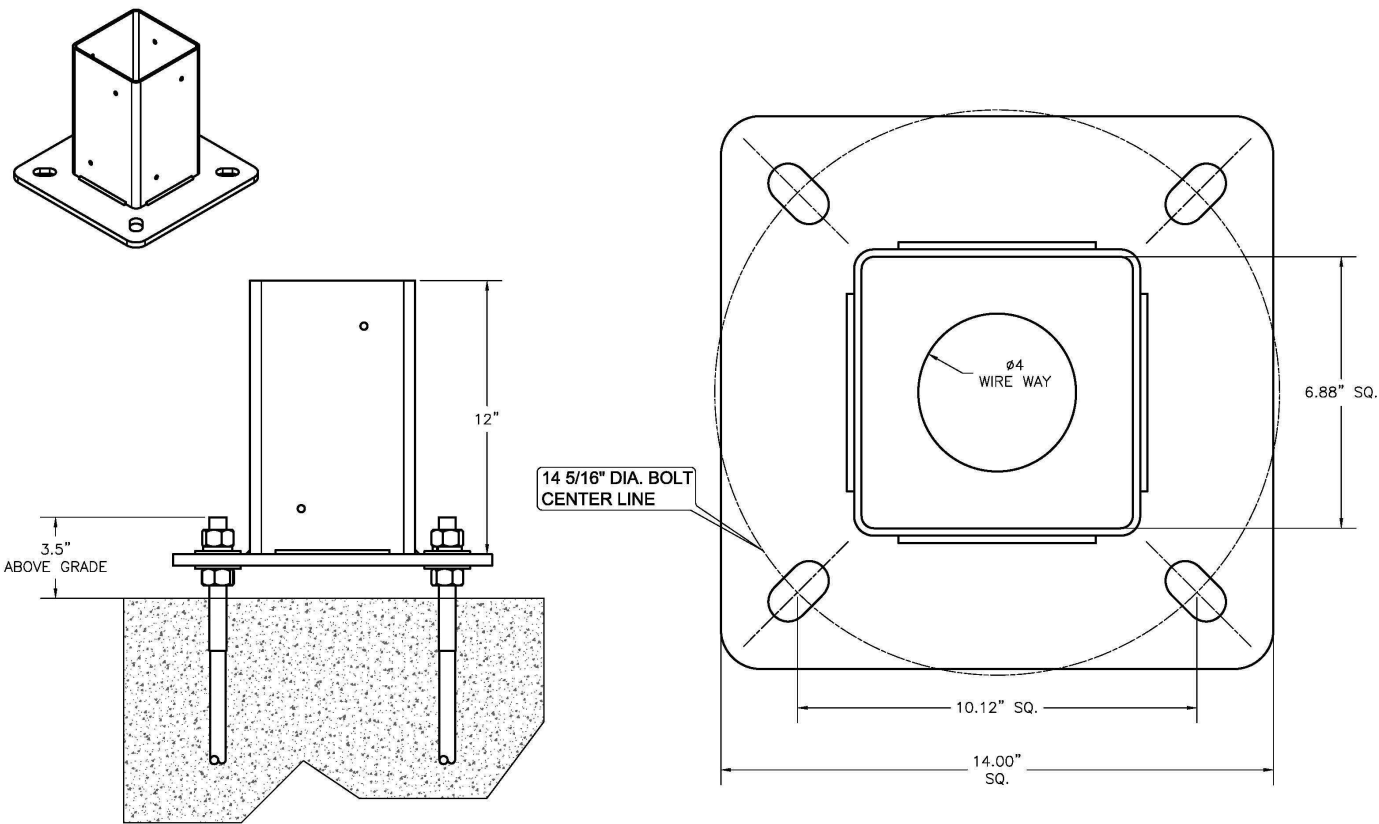


ARM PART NUMBER	DESCRIPTION	DIM A	DIM B
		(in.)	
WS2	2' Single	33	24
WS3	3' Single	45	36
WS4	4' Single	57	48
WD4	4' Double	48	24
WD6	6' Double	72	36
WD8	8' Double	96	48

Anchor Base Details

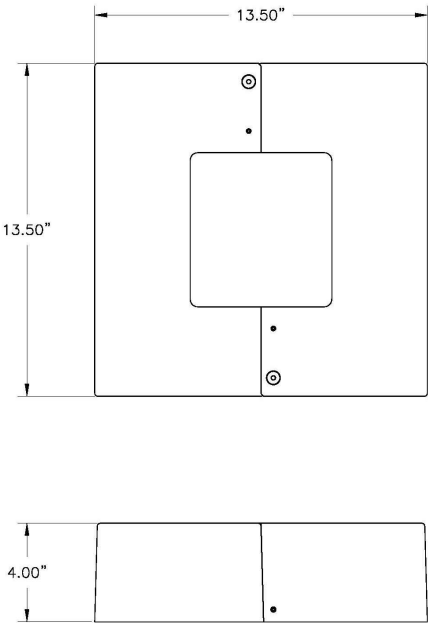
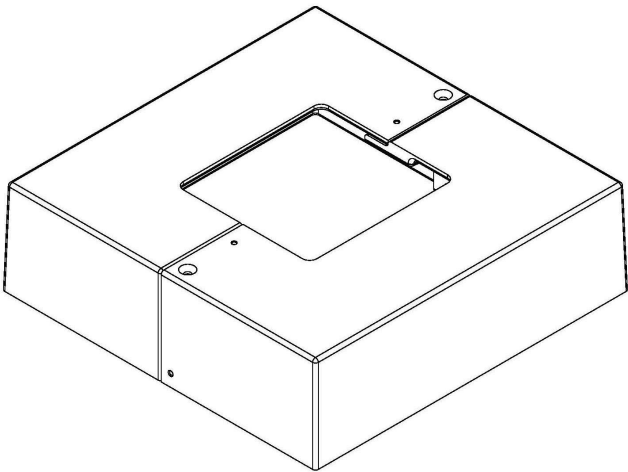


ArburPole (55) 5'x5.5" Base Detail
For use with 3/4" anchor bolts

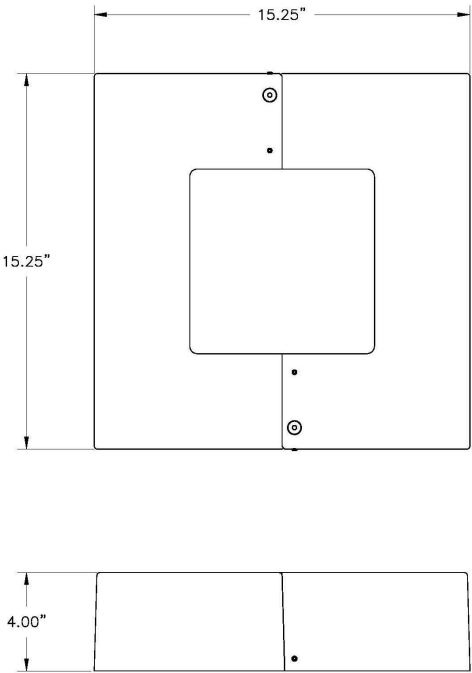
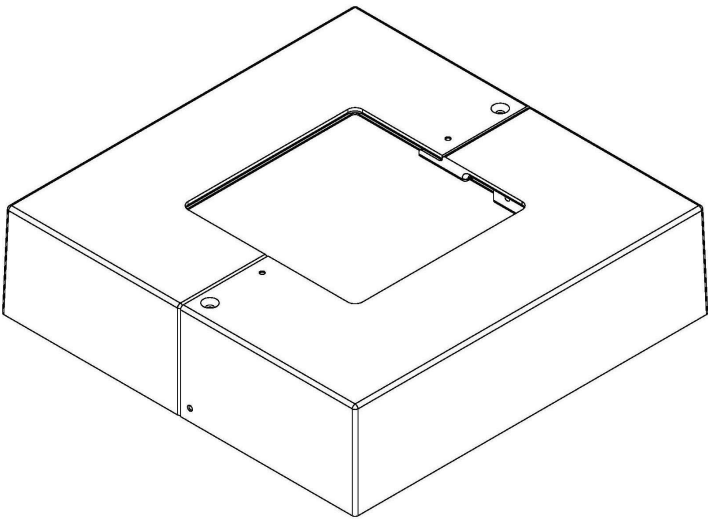


ArburPole (66) 6.75'x6.75' Base Detail
For use with 3/4" anchor bolts

Base Cover Details



ArburPole (55) 5"x5.5" Base Cover Detail



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

Options



Base Plate with cover (BPC)



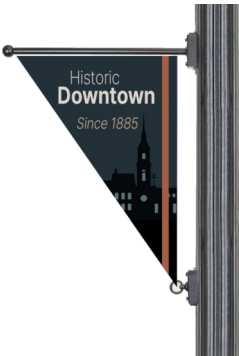
Base Plate (No Cover) (BP)



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)

EPA Charts | Base Mount

Pole Height	90 MPH	100 MPH	120 MPH	130 MPH	140 MPH	150 MPH
(WS2) - SINGLE ARM, 2' LONG - (55) 5" x 5.5" Shaft Profile - BASE MOUNT						
8	7.64	6.02	3.91	3.20	2.64	2.19
12	7.64	6.02	3.26	1.77	0.59	
16	4.05	1.66				
(WS3) - SINGLE ARM, 3' LONG - (55) 5" x 5.5" Shaft Profile - BASE MOUNT						
8	4.16	3.13	1.79	1.34	0.98	0.69
12	4.16	3.13	1.79	0.89		
16	3.12	0.76				
(WS4) - SINGLE ARM, 4' LONG - (55) 5" x 5.5" Shaft Profile - BASE MOUNT						
8	2.33	1.58	0.59			
12	2.33	1.58	0.59			
16	2.19					
(WD4) - DOUBLE ARM, 4' LONG - (55) 5" x 5.5" Shaft Profile - BASE MOUNT						
8	15.28	12.04	7.82	6.41	5.28	4.24
12	10.13	6.73	2.30	0.81		
16	3.09	0.70				
(WD6) - DOUBLE ARM, 6' LONG - (55) 5" x 5.5" Shaft Profile - BASE MOUNT						
8	8.32	6.26	3.58	2.67	1.96	1.38
12	8.32	5.01	0.63			
16	1.38					
(WD8) - DOUBLE ARM, 8' LONG - (55) 5" x 5.5" Shaft Profile - BASE MOUNT						
8	4.66	3.15	1.18	0.52		
12	4.66	3.15				

Pole Height	90 MPH	100 MPH	120 MPH	130 MPH	140 MPH	150 MPH
(WS2) - SINGLE ARM, 2' LONG - (66) 6.75" x 6.75" Shaft Profile - BASE MOUNT						
10	17.53	14.03	9.47	7.94	6.73	5.75
14	17.53	14.03	9.47	6.99	4.78	3.00
18	12.95	8.37	2.40			
22	4.67	1.26				
(WS3) - SINGLE ARM, 3' LONG - (66) 6.75" x 6.75" Shaft Profile - BASE MOUNT						
10	10.45	8.23	5.33	4.35	3.58	2.96
14	10.45	8.23	5.33	4.35	3.58	2.16
18	10.06	7.49	1.55			
22	3.80					
(WS4) - SINGLE ARM, 4' LONG - (66) 6.75" x 6.75" Shaft Profile - BASE MOUNT						
10	6.95	5.31	3.19	2.47	1.91	1.45
14	6.95	5.31	3.19	2.47	1.91	1.32
18	6.66	5.08	0.70			
22	2.92					
(WD4) - DOUBLE ARM, 4' LONG - (66) 6.75" x 6.75" Shaft Profile - BASE MOUNT						
10	35.06	28.07	18.95	15.60	12.37	9.76
14	23.43	17.08	8.81	6.02	3.82	2.04
18	11.98	7.41	1.44			
22	3.71					
(WD6) - DOUBLE ARM, 6' LONG - (66) 6.75" x 6.75" Shaft Profile - BASE MOUNT						
10	20.91	16.45	10.66	8.71	7.16	5.91
14	20.91	15.38	7.16	4.39	2.20	
18	10.30	5.75				
22	2.06					
(WD8) - DOUBLE ARM, 8' LONG - (66) 6.75" x 6.75" Shaft Profile - BASE MOUNT						
10	13.89	10.63	6.38	4.95	3.81	2.90
14	13.89	10.63	5.51	2.76	0.58	
18	8.62	4.10				

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
(WS2) - SINGLE ARM, 2' LONG - (55) 5" x 5.5" Shaft Profile - DIRECT BURIAL MOUNT						
8	6.58	5.16	3.31	2.69	2.20	1.80
12	6.58	4.68	1.17			
16	1.49					
(WS3) - SINGLE ARM, 3' LONG - (55) 5" x 5.5" Shaft Profile - DIRECT BURIAL MOUNT						
8	3.48	2.58	1.41	1.01	0.70	
12	3.48	2.58				
16	0.55					
(WS4) - SINGLE ARM, 4' LONG - (55) 5" x 5.5" Shaft Profile - DIRECT BURIAL MOUNT						
8	1.84	1.17				
12	1.84	1.17				
(WD4) - DOUBLE ARM, 4' LONG - (55) 5" x 5.5" Shaft Profile - DIRECT BURIAL MOUNT						
8	13.15	10.32	6.63	4.83	3.33	2.12
12	6.41	3.72				
16	0.52					
(WD6) - DOUBLE ARM, 6' LONG - (55) 5" x 5.5" Shaft Profile - DIRECT BURIAL MOUNT						
8	6.97	5.16	2.82	2.03	1.40	
12	4.65	1.99				
(WD8) - DOUBLE ARM, 8' LONG - (55) 5" x 5.5" Shaft Profile - DIRECT BURIAL MOUNT						
8	3.67	2.35	0.63			
12	2.88					

Pole Height	90 MPH	100 MPH	120 MPH	130 MPH	140 MPH	150 MPH
(WS2) - SINGLE ARM, 2' LONG - (66) 6.75" x 6.75" Shaft Profile - DIRECT BURIAL MOUNT						
10	15.23	12.17	8.18	6.84	5.78	4.92
14	15.23	12.17	5.92	3.70	1.95	0.54
18	8.35	4.65				
22	1.11					
(WS3) - SINGLE ARM, 3' LONG - (66) 6.75" x 6.75" Shaft Profile - DIRECT BURIAL MOUNT						
10	8.99	7.04	4.51	3.65	2.98	2.43
14	8.99	7.04	4.51	2.84	1.10	
18	7.44	3.76				
(WS4) - SINGLE ARM, 4' LONG - (66) 6.75" x 6.75" Shaft Profile - DIRECT BURIAL MOUNT						
10	5.87	4.44	2.58	1.96	1.46	1.06
14	5.87	4.44	2.58	1.96		
18	5.79	2.87				
(WD4) - DOUBLE ARM, 4' LONG - (66) 6.75" x 6.75" Shaft Profile - DIRECT BURIAL MOUNT						
10	30.45	23.74	14.08	10.83	8.26	6.18
14	16.58	11.53	4.95	2.74	0.99	
18	7.39	3.68				
(WD6) - DOUBLE ARM, 6' LONG - (66) 6.75" x 6.75" Shaft Profile - DIRECT BURIAL MOUNT						
10	17.98	14.08	9.01	7.30	5.95	4.54
14	14.85	9.83	3.31	1.11		
18	5.70	2.03				
(WD8) - DOUBLE ARM, 8' LONG - (66) 6.75" x 6.75" Shaft Profile - DIRECT BURIAL MOUNT						
10	11.75	8.90	5.17	3.92	2.92	2.12
14	11.75	8.14	1.66			
18	4.02					