

Project Name _____

Qty _____

Type _____ Catalog / Part Number _____



Certifications



Finish



Description

ArburPole™ light 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.

Features

Pole Model	ARV: ArburPole™ Vertical
Shaft Profile	55: 5"x5.5" 66: 6.75"x6.75"
Overall Height	8', 10', 12', 14', 16', 18', 20'
Texture	S: Smooth R: Rough
Top Cap	PCC: Flat Post Cap TC3: Tenon Cap, 3"x3"
Mounting	BP: Base Plate (no cover) BPC: Base Plate with cover DB: Direct Burial
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

3/4" x 18" long anchor bolts



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' Mounting Height) MSA-FLT-L3: Motion Sensor, For Flat shaft, L3 Sensor Lens (40' diameter coverage at 20' Mounting Height)
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How to Order

Pole Model	Shaft Profile	Overall Height ⁽³⁾ ⁽⁴⁾	Texture	Top Cap	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						
ARV ArburPole™ Vertical	55 5'x5.5" ⁽¹⁾	08FT 8'	S Smooth	PCC Flat Post Cap	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' Mounting Height)	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'	R Rough	TC3 Tenon Cap, 3"x3"	BPC Base Plate with cover	4 4' Direct Burial Extension								MSA-FLT-L3 Motion Sensor, For Flat shaft, L3 Sensor Lens (40' diameter coverage at 20' Mounting Height)	DBA Double Banner Arms, "PM" style mount	24W 26" Long Banner arm	CSTM Custom Sized Banner setup ⁽⁹⁾	WHT White Textured	
		12FT 12'			DB Direct Burial ⁽⁵⁾	5 5' Direct Burial Extension													PGT Park Green Textured
		14FT 14'				6 6' Direct Burial Extension													
		16FT 16'						DBT Dark Bronze Textured											
		18FT 18'						CM Custom Match											
		20FT 20'						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													

Notes:

1. Available in heights 8'-16'.

2. Available in heights 12'-20'.

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

Tenon / Cap	Aluminum Tenon or Cap must be specified. Optional Post Cap (PCC) or 3"x3" Tall Tenon Cap (TC3)
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



Options



Post cap or Tenon (**PCC or TC3**)



Motion Sensor in Arm (**MSA**)



Base Plate with cover (**BPC**)



Base Plate (No Cover) (**BP**)



Single Banner Arm (**SBA**)



Double Banner Arms (**DBA**)



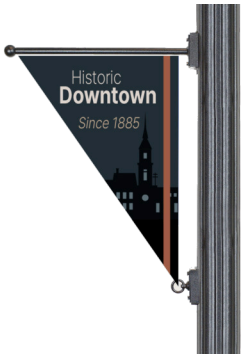
Wreath Hook (**WHK**)



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

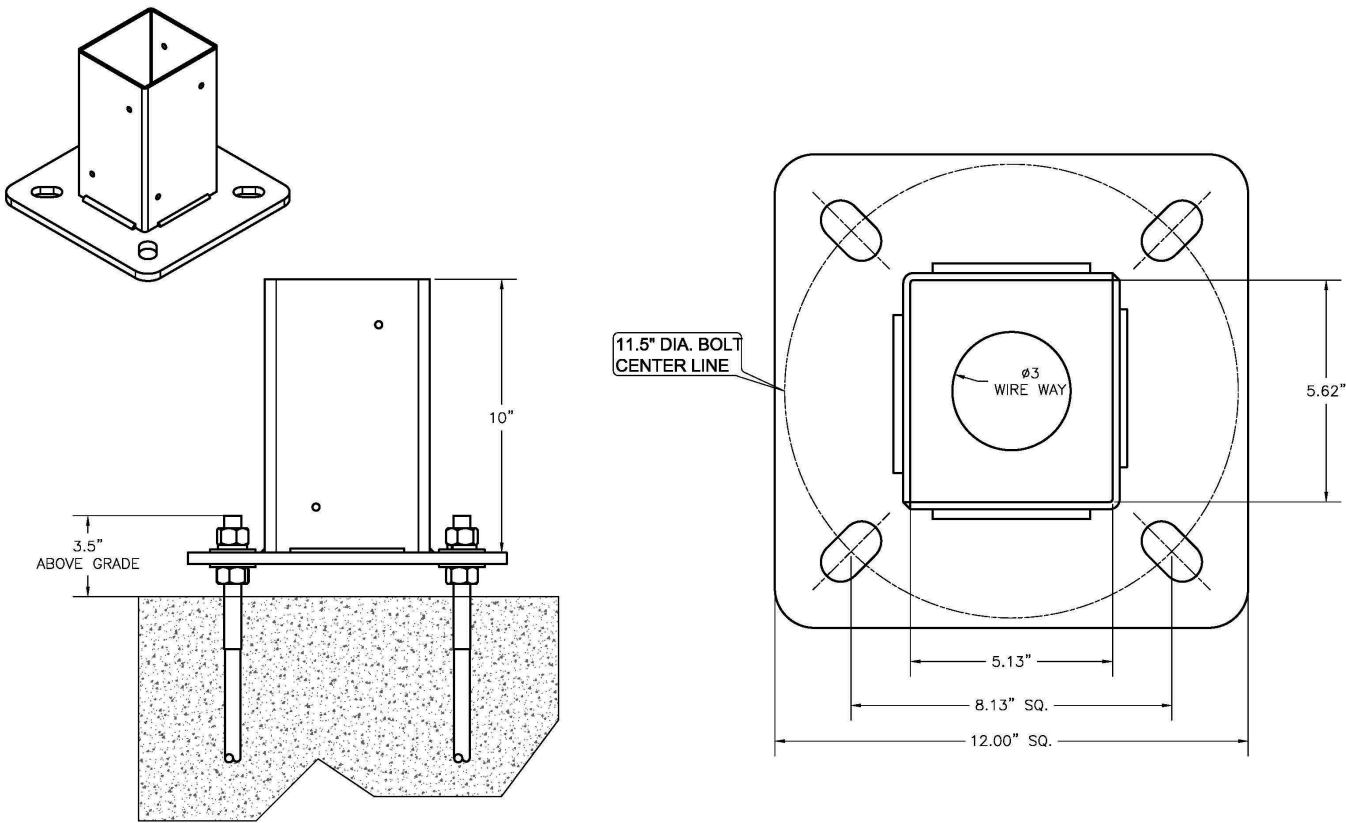


Surface mounted duplex GFI
with standard in-use cover
(**SGFI IUC**)

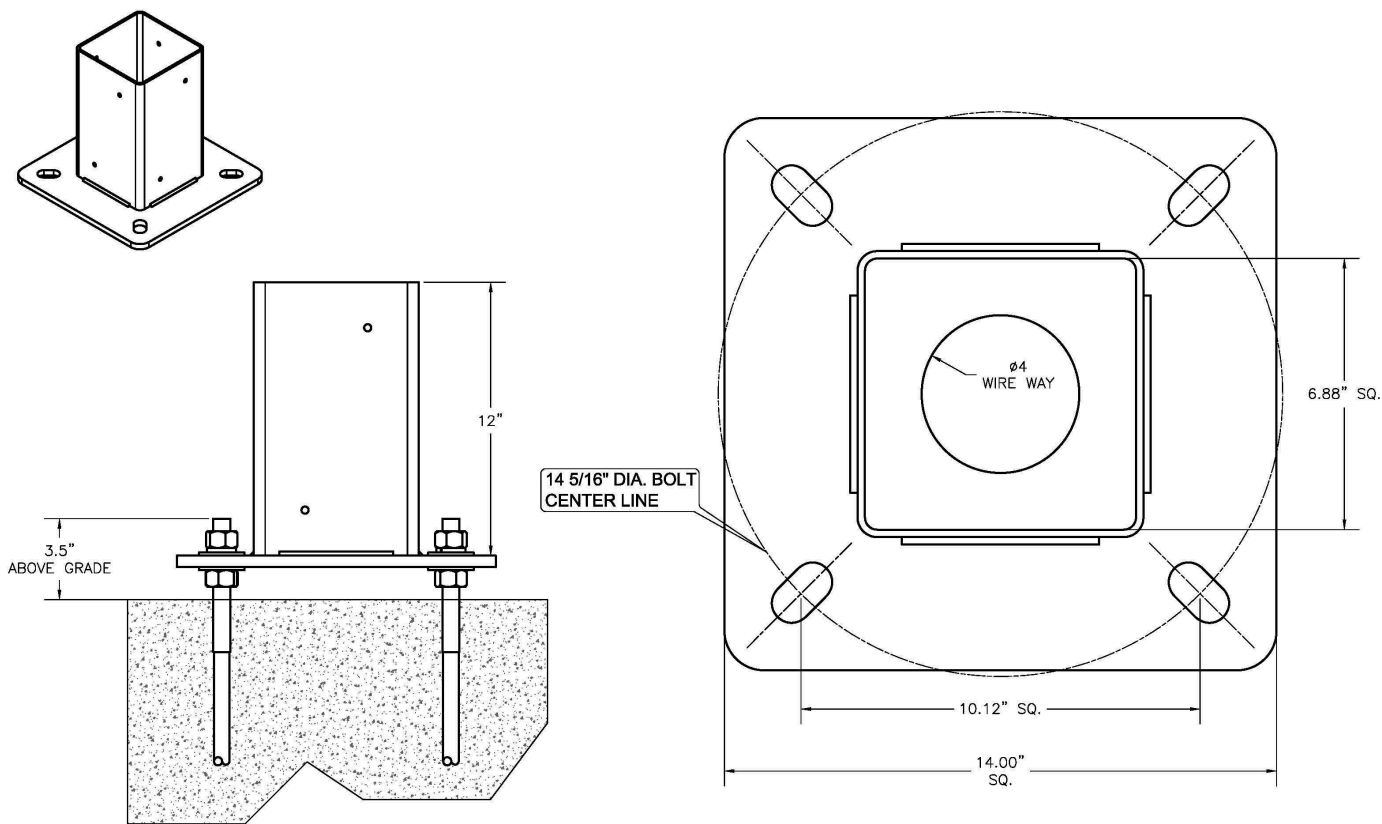


Single Banner Arm and Ring (**SBAR**)

Anchor Base Details

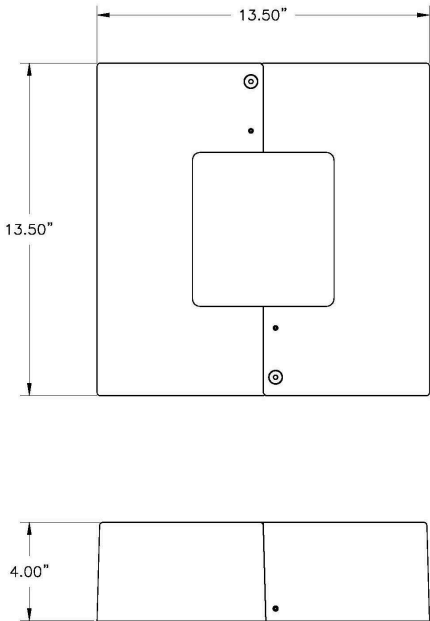
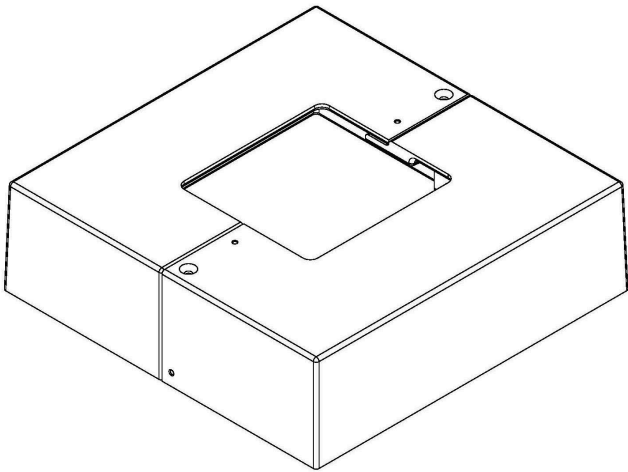


ArburPole **(55)** 5'x5.5' Base Detail
For use with 3/4" anchor bolts

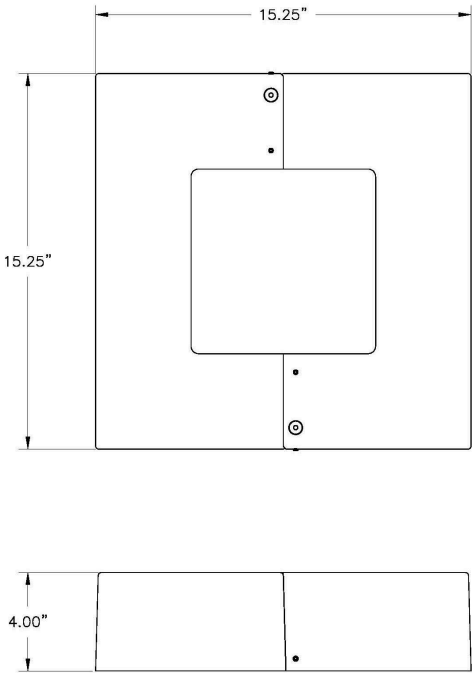
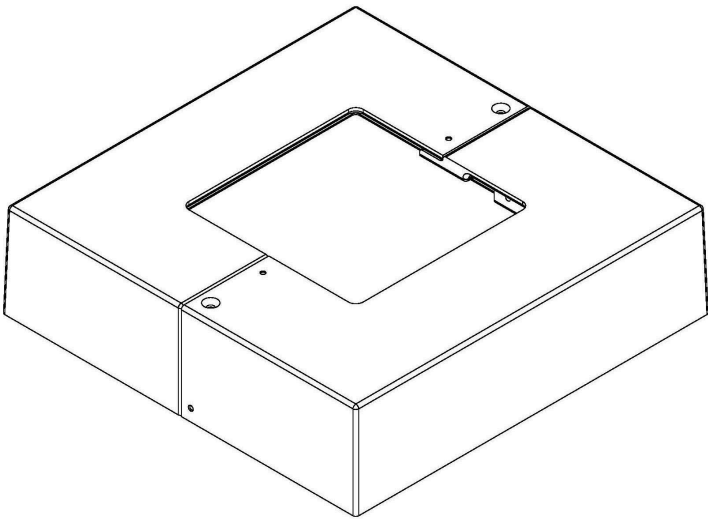


ArburPole **(66)** 6.75"x6.75" Base Detail
For use with 3/4" anchor bolts

Base Cover Details



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



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

EPA Charts | Base Mount

Pole Height	90 MPH	100 MPH	120 MPH	130 MPH	140 MPH	150 MPH
POST TOP FIXTURE - BASE MOUNT - (55) 5" x 5.5" Shaft Profile						
8	20.87	16.47	10.74	8.81	7.13	5.77
10	15.51	12.02	7.12	5.43	4.10	3.02
12	11.55	8.38	4.26	2.87	1.77	0.88
14	8.10	5.42	1.94	0.77		
16	4.96	2.72				
POST TOP FIXTURE - BASE MOUNT - (66) 6.75" x 6.75" Shaft Profile						
12	30.11	23.36	14.28	11.22	8.80	6.84
14	23.75	17.82	10.10	7.51	5.45	3.79
16	17.85	12.84	6.32	4.13	2.38	0.98
18	12.98	8.70	3.12	1.24		
20	8.85	5.15				

Pole Height	90 MPH	100 MPH	120 MPH	130 MPH	140 MPH	150 MPH
SINGLE FIXTURE SIDE MOUNT - BASE MOUNT - (55) 5" x 5.5" Shaft Profile						
8	7.46	6.04	4.19	3.57	3.08	2.68
10	7.46	6.04	4.19	3.57	3.08	2.68
12	7.46	6.04	4.03	2.68	1.60	0.74
14	7.46	5.14	1.75	0.60		
16	4.66	2.48				
SINGLE FIXTURE SIDE MOUNT - BASE MOUNT - (66) 6.75" x 6.75" Shaft Profile						
12	16.11	13.05	9.06	7.72	6.66	5.80
14	16.11	13.05	9.06	7.34	5.30	3.66
16	15.74	12.60	6.15	3.98	2.26	0.87
18	12.72	8.49	2.97	1.12		
20	8.62	4.96				

Pole Height	90 MPH	100 MPH	120 MPH	130 MPH	140 MPH	150 MPH
DOUBLE FIXTURE SIDE MOUNT - BASE MOUNT - - (55) - 5" x 5.5" Shaft Profile						
8	14.91	12.08	8.39	7.15	6.16	5.37
10	14.90	11.62	6.84	5.20	3.90	2.84
12	11.14	8.05	4.03	2.68	1.60	0.74
14	7.74	5.14	1.75	0.60		
16	4.66	2.48				
DOUBLE FIXTURE SIDE MOUNT - BASE MOUNT - - (66) - 6.75" x 6.75" Shaft Profile						
12	29.70	23.03	14.05	11.02	8.63	6.69
14	23.40	17.54	9.90	7.34	5.30	3.66
16	17.55	12.60	6.15	3.98	2.26	0.87
18	12.72	8.49	2.97	1.12		
20	8.62	4.96				

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
POST TOP FIXTURE - DIRECT BURIAL MOUNT - (55) 5" x 5.5" Shaft Profile						
8	16.20	12.69	8.05	6.35	5.01	3.92
10	11.78	8.81	4.81	3.47	2.41	1.55
12	8.14	5.62	2.34	1.24		
14	5.19	3.07				
16	2.48	0.71				
POST TOP FIXTURE - DIRECT BURIAL MOUNT - (66) 6.75" x 6.75" Shaft Profile						
12	22.92	17.35	10.10	7.66	5.73	4.17
14	17.40	12.68	6.53	4.46	2.82	1.50
16	12.43	8.45	3.27	1.53		
18	8.29	4.90				
20	4.73	1.81				

Pole Height	90 MPH	100 MPH	120 MPH	130 MPH	140 MPH	150 MPH
SINGLE FIXTURE SIDE MOUNT - DIRECT BURIAL MOUNT - (55) 5" x 5.5" Shaft Profile						
8	6.52	5.28	3.67	3.13	2.70	2.35
10	6.52	5.28	3.67	3.13	2.20	1.37
12	6.52	5.28	2.11	1.04		
14	4.84	2.78				
16	2.18					
SINGLE FIXTURE SIDE MOUNT - DIRECT BURIAL MOUNT - (66) 6.75" x 6.75" Shaft Profile						
12	14.09	11.42	7.93	6.75	5.56	4.02
14	14.09	11.42	6.33	4.29	2.68	1.37
16	12.13	8.21	3.10	1.39		
18	8.03	4.69				
20	4.50	1.63				

Pole Height	90 MPH	100 MPH	120 MPH	130 MPH	140 MPH	150 MPH
DOUBLE FIXTURE SIDE MOUNT - DIRECT BURIAL MOUNT - (55) - 5" x 5.5" Shaft Profile						
8	13.05	10.57	7.34	6.06	4.75	3.70
10	11.29	8.41	4.54	3.23	2.20	1.37
12	7.73	5.29	2.11	1.04		
14	4.83	2.78				
16	2.18					
DOUBLE FIXTURE SIDE MOUNT - DIRECT BURIAL MOUNT - (66) - 6.75" x 6.75" Shaft Profile						
12	22.51	17.02	9.87	7.46	5.56	4.02
14	17.05	12.39	6.33	4.29	2.68	1.37
16	12.13	8.21	3.10	1.39		
18	8.03	4.69				
20	4.50	1.63				