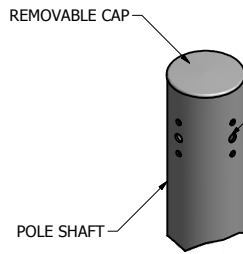


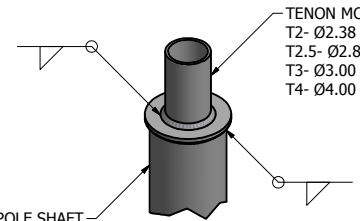
## Round Straight Aluminum Embedded Poles

Part Number	Mounting Height (ft.)	OA (ft.)	Effective Projected Area (sq. ft.)				Shaft Dimensions		Ship Weight (lb.)
			80	90	100	120	Diameter O.D. (in.)	Wall Thickness (ga.)	
RSA-481-EMB	8	8	11.1	8.7	6.7	4.5	4.00	0.13	20
RSA-4101-EMB	10	10	8.5	6.5	4.9	3.2	4.00	0.13	24
RSA-4121-EMB	12	12	6.6	5.0	3.7	2.3	4.00	0.13	28
RSA-5121-EMB	12	12	10.9	8.4	6.3	4.3	5.00	0.13	35
RSA-5123-EMB	12	12	16.8	13.1	10.1	7.0	5.00	0.19	51
RSA-5141-EMB	14	14	8.8	6.7	4.9	3.2	5.00	0.13	42
RSA-5143-EMB	14	14	13.9	10.7	8.1	5.5	5.00	0.19	62
RSA-5161-EMB	16	16	7.2	5.3	3.7	2.2	5.00	0.13	47
RSA-5163-EMB	16	16	17.5	13.5	10.1	7.0	5.00	0.19	68
RSA-6163-EMB	16	16	17.5	13.5	10.1	7.0	6.00	0.19	85
RSA-6183-EMB	18	18	14.9	11.3	8.4	5.9	6.00	0.19	93
RSA-6203-EMB	20	20	12.8	9.5	6.8	4.6	6.00	0.19	101
RSA-6253-EMB	25	25	8.6	6.0	3.9	2.5	6.00	0.19	126
RSA-6254-EMB	25	25	12.9	9.9	5.8	5.0	6.00	0.25	165
	30	35.00	17.9	11.7	8.3	8.3	6.00	7	521



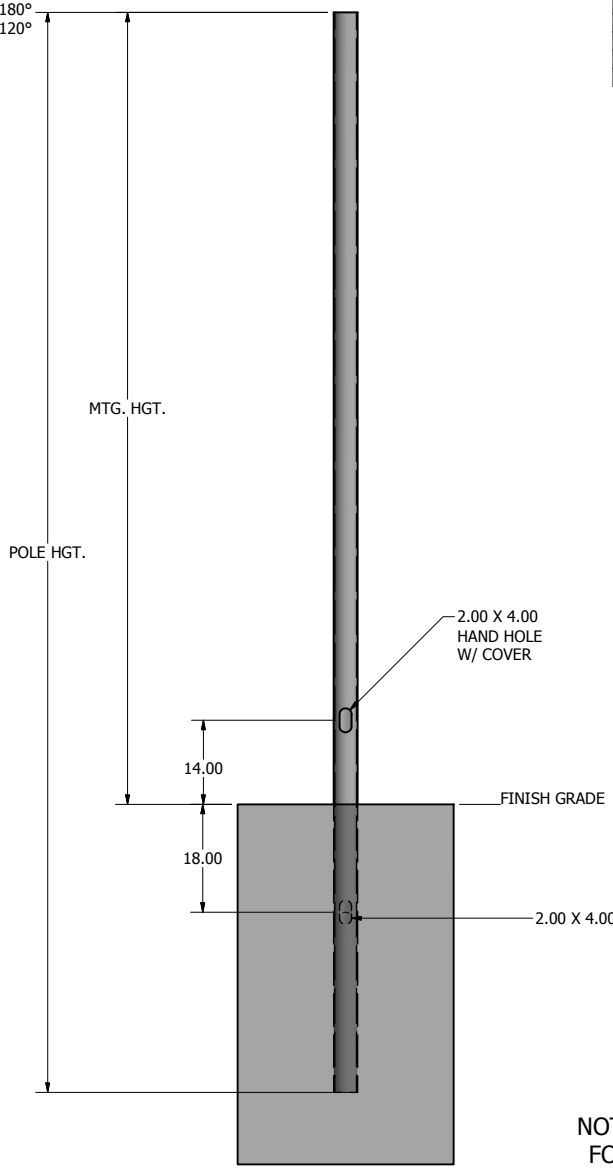
DRILLED PER FIXTURE REQUIREMENTS:  
 D1- DRILLED FOR 1 FIXTURE  
 D2- DRILLED FOR 2 FIXTURES AT 90° OR 180°  
 D3- DRILLED FOR 3 FIXTURES AT 90° OR 120°  
 D4- DRILLED FOR 4 FIXTURES

**DRILL MOUNT OPTIONS**



TENON MOUNT OPTIONS:  
 T2- Ø2.38 OD X 4.00 LG  
 T2.5- Ø2.88 OD X 4.00 LG  
 T3- Ø3.00 OD X 5.00 LG  
 T4- Ø4.00 OD X 6.00 LG

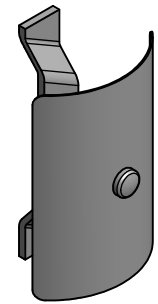
**TENON MOUNT OPTIONS**



**POLE DETAIL**

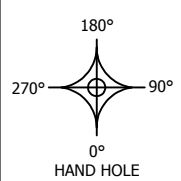
POLE SPECIFICATIONS					
NO.	COMPONENT	MAT'L DESIGNATION			
1.	POLE SHAFT	6063-T6			
FINISH SPECIFICATIONS					
POLES SHALL HAVE A POLYESTER POWDER COAT FINISH IN A STANDARD COLOR.					
POLE DIMENSIONS					
POLE HGT. (FT.)	TOP DIA. (IN.)	BOTTOM DIA. (IN.)	GAGE	MTG. HGT. (FT.)	
11'	4.00	4.00	.125	8'	
ALLOWABLE WIND LOADING (SQ. FT.)					
WIND*	INDICATED EPA	80 MPH	90 MPH	100 MPH	120 MPH
EPA	-	11.1	8.7	6.7	4.5

\*WITH 1.3 GUST FACTOR



**2.00 X 4.00 HAND HOLE COVER**

NOTE: COAL TAR EPOXY COATING AVAILABLE AS AN OPTION FOR EMBEDDED PORTION PLUS 6 IN. OF THE POLE SHAFT.



DRAWN: L. GRUNIS	2/7/2017
CHECKED:	
REVISION:	DATE:
APPROVED:	
QUOTE:	
S.O.#	
REF:	SCALE: NONE



SOME GEOGRAPHICAL AREAS HAVE SPECIAL WIND CONDITIONS THAT CAN CREATE WIND INDUCED VIBRATIONS CAUSING A FATIGUE PROBLEM. NO METHOD HAS YET BEEN FOUND FOR PREDICTING DESTRUCTIVE LIGHTING POLE VIBRATION. THESE CONDITIONS ARE UNIQUE AND CANNOT BE GUARANTEED AGAINST, AND ARE THE RESPONSIBILITY OF A LOCAL SITE ENGINEER.		
TITLE:		
CATALOG:		
DWG NO: RSA-481-EMB	SIZE: C	SHEET 1 OF 1



# POLE ORDERING GUIDE

## ORDER NUMBER TEMPLATE

### Example Order Number

Fixture			Catalog Number				Mounting Type	Fixture Mounting Arrangement	Finish	Options			Accessories		
Brand	Product	Number	Design	Mounting Height	Shaft Size	Wall Thickness				Design	Orientation	Height From Base	Design	Orientation	Height From Base
			RSA-EMB	20	4	11	AB	T2	DB	WB-15	@90	10'	FH	@180	9'

### Build Your Order Number

Fixture			Catalog Number				Mounting Type	Fixture Mounting Arrangement	Finish	Options			Accessories		
Brand	Product	Number	Design	Mounting Height	Shaft Size	Wall Thickness				Design	Orientation	Height From Base	Design	Orientation	Height From Base

### Mounting Type

AB = Anchor Base  
 EMB = Embedded (Direct Burial)

### Finish

WH = White  
 TWH = Textured White  
 DB = Dark Bronze

### Fixture Mounting Arrangement

D1      D4  
 D2@90    T2  
 D2@180   T2.5  
 D3@90    T3  
 D3@120\*   T4

HB = Harvest Bronze  
 SL = Silver  
 GR = Gray  
 TGR = Textured Gray  
 GM = Graphite Metallic  
 DP = Dark Platinum  
 MA = Matte Aluminum  
 PSP = Platinum Silver  
 BK = Black  
 TBK = Textured Black

\*Round poles only

Refer to the Mounting Orientation Guide on the next page of this file.

Contact us for custom colors.

### Options

CMB = Camera Mounting Bracket  
 CMP = Camera Mounting Plate  
 WB-15 = Welded Bracket  
 WC = Welded Coupling (denote size)  
 WN = Welded Nipple (denote size)  
 CSBC = Custom Steel Base Cover  
 VD = Vibration Dampener  
 GFCI = Ground Fault Circuit Interrupter  
 UL = UL Listed\*\*

\*See our online product catalog for complete catalog numbers of these options and accessories.

\*\* UL Listed labeling is available for catalog steel and aluminum poles—both Commercial & Industrial and Roadway. UL Listed labeling is not available for brackets. UL Listing must be specified at the time of order.

Note: N/A = Not Applicable

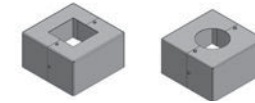
### Accessories

TB = Transformer Base\*  
 ABS-BC = ABS Base Cover\*  
 LW = Lowering Winch  
 LW-ELECTRIC = Electric Lowering Winch  
 BA = Banner Arm  
 FH = Flag Holder  
 PTTA = Pole Top Tenon Adapter\*

**Options**

Custom Steel Base Cover

Design	Description
CSBC	Custom Steel Base Cover



Vibration Dampener

Design	Description
VD	Recommended for use with all poles 25' and higher



\*All vibration dampener are plus freight if purchased and shipped sperately.

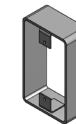
Ground Fault Circuit Interrupter & In Use Cover

Design	Description
GFI	Weatherproof 15-20 amp. 125V A/C Recessed Ground Fault Circuit Interrupter with In Use Cover



Festoon - Switch or receptacle mounting provision

Design	Description
Festoon	Mounting provision for customer supplied switch or standard receptacle.



Mounting Bracket

Design	Description
CMB	Mounting Bracket
CMP	Mounting Plate



Welded Bracket

Design	Description
WB	2 3/8" OD Bent Slip-fit Pipe Bracket Welded on Pole



Welded Coupling

Design	Description
WC	Threaded Pipe Coupling with Wire Hole Welded to Pole



Welded Nipple

Design	Description
WN	Threaded Pipe Nipple with Wire Hole Welded to Pole



Shielded Circuit Provision

Design	Description
SCP	Shielded Circuit Mounting Provision



Extra Hand Hole

Design	Description
SCP	Shielded Circuit Mounting Provision



Fully Galvanized Anchor Bolts

Design	Description
FGAB	3/4" x 20"
	3/4" x 28"
	1" o.d.
	1.5" o.d.



Anchor Bolt Deduct — to be used when customer does not want anchor bolts shipped

Design	Description
L/AB	Deduct amount for all 3/4" anchor bolts (see pole type matrices for anchor bolt size)
	Deduct amount for all 1" anchor bolts (see pole type matrices for anchor bolt size)

UL or CSA Listing

Design	Description
UL	Poles can be ordered to meet UL requirements. "UL" must appear in the part number. UL Listed poles include a metal hand hole cover and UL label.
CSA	Poles can be ordered to meet CSA requirements. "CSA" must appear in the part number. CSA approved poles include required grounding provision and CSA label.



LUMINAIRE POLE WITH RESPECT TO ELECTRICAL HAZARDS ONLY <E473617>



CLASS - 3426 03 - LUMINAIRES - LUMINAIRE POLES

CATALOG NUMBER

YEAR OF MANUFACTURE

SUITABLE FOR WET LOCATIONS.

**Accessories**

Lowering Winch

Catalog Number	Description
LW	Lowering Winch for Hinged Steel Pole



Electric Lowering Winch

Catalog Number	Description
ELW	Electric Lowering Winch



Banner Arm

Catalog Number	Description
ELW	Electric Lowering Winch



Flag Holder

Catalog Number	Description
FH	Flag Holder



Flower Pot Holder

Catalog Number	Description
FPH	Flower Pot Holder



PTAR - Round Pole Top Tenon Adapters

Catalog Number	Drill Mount Options	Height (in.)	Pole Size (in. sq.)
PTAR-4RD-DXX	D1,D2,D3,D4	13	4
PTAR-5RD-DXX	D1,D2,D3,D4	13	5
PTAR-6RD-DXX	D1,D2,D3,D4	13	6



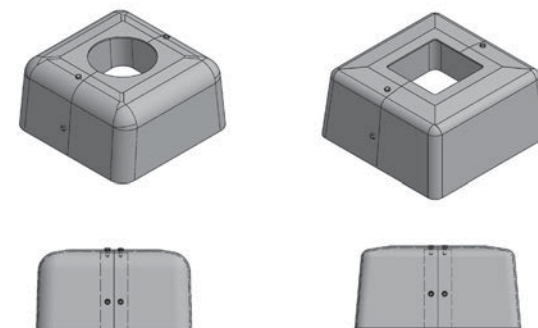
PTTA - Square Pole Top Tenon Adapters

Catalog Number	Drill Mount Options	Height (in.)	Pole Size (in. sq.)
PTTA-4SQ-DXX	D1,D2,D3,D4	13	4
PTTA-5SQ-DXX	D1,D2,D3,D4	13	5
PTTA-6SQ-DXX	D1,D2,D3,D4	13	6



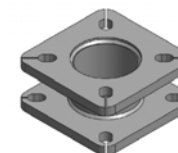
ABS Composite Base Covers - 2 Piece

Catalog Number	Pole Shaft Size Dia. O.D. (in.)	Cover Dimension		Max Base Plate Size (in. sq.)
		SQ (in.)	Height (in.)	
3RD-ABS-BC	3 RD	9.88	5.25	9.00
4RD-ABS-BC	4 RD	9.88	5.25	9.00
5RD-ABS-BC	5 RD	11.38	6	10.63
5RD-T1-ABS-BC	5 RD	9.88	5.25	9.00
5 3/8RD-ABS-BC	5 3/8' RD	12.13	6	11.25
6RD-ABS-BC	6 RD	12.13	6	11.25
6 5/8RD-ABS-BC	6 5/8 RD	12.13	6	11.25
7RD-ABS-BC	7 RD	12.13	6	11.25
8RD-ABS-BC	8 RD	13.38	6	12.50
8.5RD-ABS-BC	8.5 RD	13.5	5.5	12.75
4SQ-ABS-BC	4 SQ	9.88	5.25	9.00
5SQ-ABS-BC	5 SQ	12.13	6	11.25
6SQ-ABS-BC	6 SQ	13.5	5.5	12.75



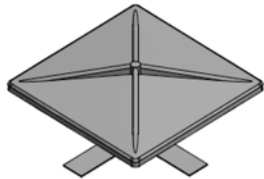
Two-Tier Adapter Plate\*

Catalog Number	Min Bolt Circle (in.)	Max Bolt Circle (in.)	Included Base Cover
TTAP	-----	12	YES
TTAP-16	12	16	YES



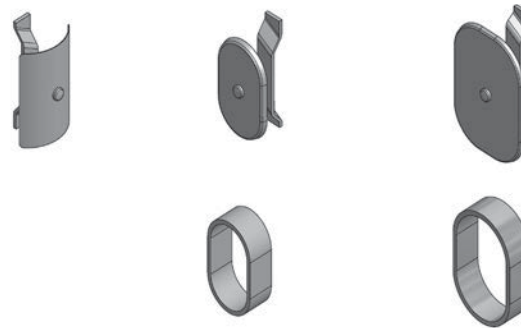
Pole Caps - Composite

Catalog Number	Pole Shaft O.D. Size (in.)
POLECAP-3RD	3.00
POLECAP-3.5RD	3.50
POLECAP-4RD	4.00
POLECAP-4.5RD	4.50
POLECAP-5RD	5.00
POLECAP-6RD	6.00
POLECAP-4SQ	4.00
POLECAP-5SQ	5.00
POLECAP-6SQ	6.00



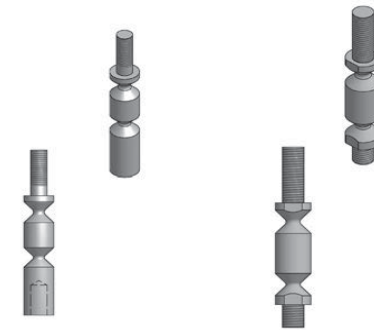
Hand Hole Covers\*

Catalog Number	Size (in.)
HH-2X4-ASSY	2 X 4
HH-3X5-ASSY	3 X 5
HH-4X6-ASSY	4 X 6



Break Away Couplings\*

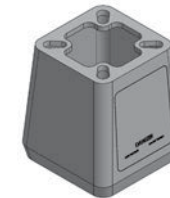
Catalog Number	To Fit Anchor Bolt Size (in.)
BAC-.75-SET	0.75 O.D.
BAC-1.0-SET	1.00 O.D.



Transformer Bases

17" Transformer Base

Catalog Number	Top Bolt Circle (in.)	Bottom Bolt Circle (in.)	Height (in.)	Connecting Hardware Included
TB1-17	10.5 - 13.5	13 - 15	17.00	Yes
TB2-17	10 - 12	10 - 12	17.00	Yes
TB3-17	13 - 15.125	15 - 17.25	17.00	Yes



20" Transformer Base

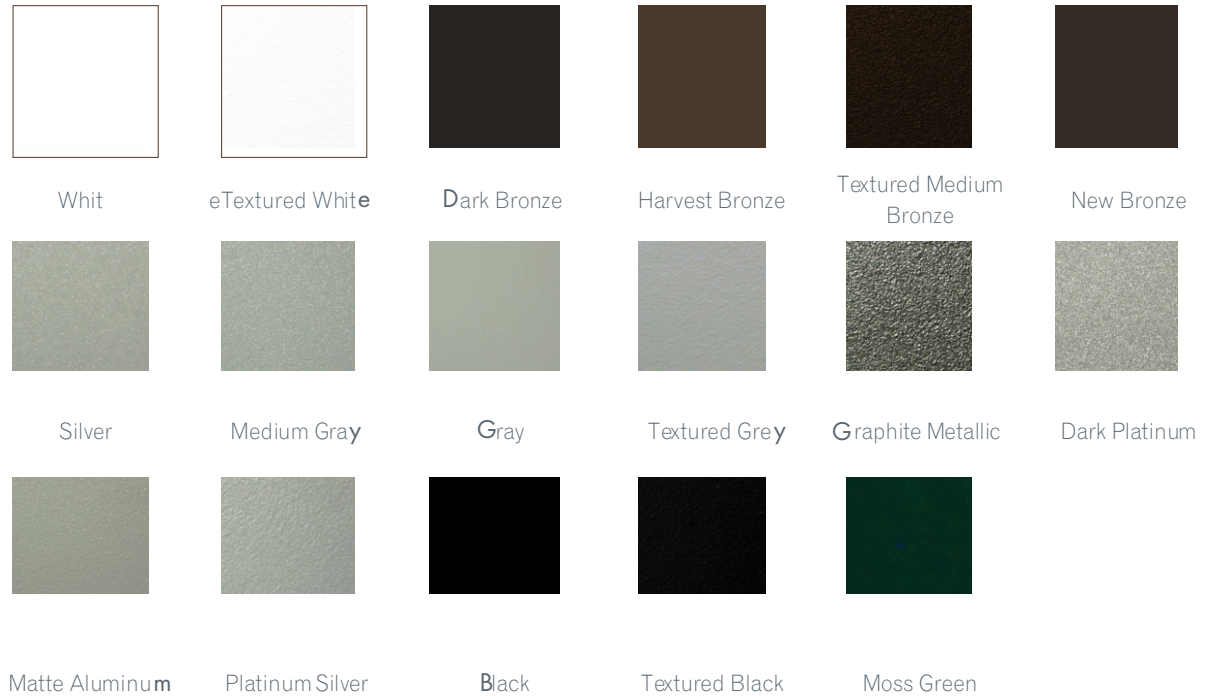
Catalog Number	Top Bolt Circle (in.)	Bottom Bolt Circle (in.)	Height (in.)	Connecting Hardware Included
TB1-20	11 - 13	13 - 15	20.00	Yes
TB2-20	10 - 12	10 - 12	20.00	Yes
TB3-20	13 - 15.125	17.25	20.00	Yes





Standard Powder Coat Colors

Design	Color
WH	White
TWH	Textured White
DB	Dark Bronze
HB	Harvest Bronze
TMB	Textured Medium Bronze
NB	New Bronze
SL	Silver
MGY	Medium Gray
GR	Gray
TGR	Textured Gray
GM	Graphite Metallic
DP	Dark Platinum
MA	Matte Aluminum
PSP	Platinum Silver
BK	Black
TBK	Textured Black
MG	Moss Green



Touch-Up Paint

Design	Color
See Above	All Standard Colors Above Available

Additional cost for the above standard color finish or any other custom color. Contact our sales for more information.