

DESCRIPTION

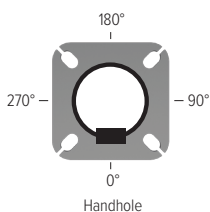
Pantheon steel poles are ideal for commercial, industrial, municipal, and retail applications requiring a high quality and cost effective pole to support lighting, banners, security devices, and other pole mounted site elements. Pantheon poles are made of weldable grade cold rolled carbon steel tubing conforming to ASTM A500 Grade B. Fabricated to the highest standards Pantheon poles come in round and square straight steel versions as well as round tapered to meet your application needs. Hot rolled carbon steel base with anchor bolts ensure a strong and dependable mounting. Standard or custom drill mount and tenon mount options are easy to specify along with crossarms and coupling options and electrical box details for a complete offering.



ORDERING INFORMATION

ROUND STRAIGHT STEEL POLE									
MODEL	HEIGHT	GAUGE	BUTT Ø	BASE	MOUNTING ¹	ELECTRICAL BOX ¹	ACCESSORIES & OPTIONS	FINISH	
RSS Round Straight Steel Pole	8	11G	--*	4	DRILL MOUNTING	FA	C12 ²	BA	
	8'	11-Gauge	*See chart on page 2 to make butt diameter selection. Then, enter the selected dimension here. For example, if 4.5-inches is chosen, "4.5" should be entered.	4-Bolt Base		No Drilling	30" Up @ 180°	Threaded Coupling ½"	Black
	10	7G				D190	FB	C34 ²	BH
	10'	7-Gauge				1 @ 90°	30" Up @ 0°	Threaded Coupling ¾"	White
	12					D290	FC	C10 ²	BM
	12'					2 @ 90°, 180°	30" Up @ 90°	Threaded Coupling 1"	Dark Bronze
	14					D218	FD	EHH ²	BV
	14'					2 @ 90°, 270°	30" Up @ 270°	Extra Handhole	Dark Green
	16					D390	FE	GF1	GC
	16'					3 @ 90°, 180°, 270°	36" Up @ 180°	Duplex GFCI Receptacle with Cover	Grey
18				D490	FF	GF2	XX		
18'				4 @ 0°, 90°, 180°, 270°	36" Up @ 0°	Duplex GFCI Receptacle with In-Use Cover	Custom RAL Color		
20				DCUS	FG	LAB	1Q		
20'				Custom; Specify Orientation and Height	36" Up @ 90°	Less Anchor Bolts	Galvanized Only		
22				T204	FH	LPC	1C		
22'				2¾" OD x 4" Tenon	36" Up @ 270°	Less Pole Cap	Black Powder Coat over Galvanizing		
25				T304	FI	PAB	1D		
25'				2¾" OD x 4" Tenon	24" Up @ 180°	Pre-Shipped Anchor Bolts	White Powder Coat over Galvanizing		
30				T356	FK	VD2	1B		
30'				3½" OD x 6" Tenon	24" Up @ 90°	Vibration Dampener: 2 nd Mode	Dark Bronze Powder Coat over Galvanizing		
35				T406	FL		1Y		
35'				4" OD x 6" Tenon	24" Up @ 270°		Dark Green Powder Coat over Galvanizing		
				TCUS	FZ		1J		
				Custom; Specify Orientation and Height	Custom; Specify Orientation and Height		Grey Powder Coat over Galvanizing		
							XX		
							Special Powder Coat over Galvanizing		

Drawing A
Pole Orientation - Plan View



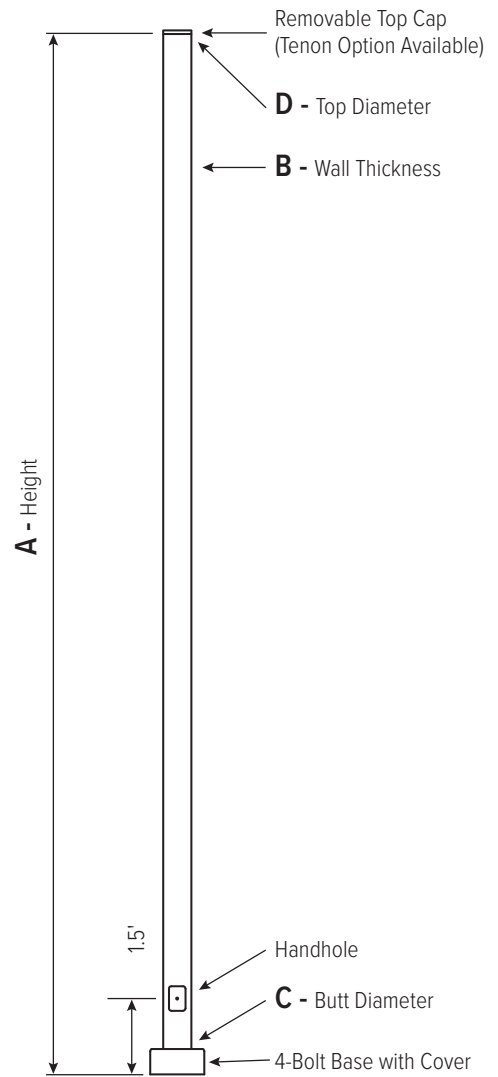
¹See Drawing A for orientation degree relative to handhole position.
²Specify location for applicable accessories and options.

POLE

Pole shaft shall be weldable-grade, cold-rolled, commercial quality carbon steel tubing conforming to ASTM A500 Grade B.

Options include 11 gauge and 7 gauge. All welds shall conform to AWS D1.2 using ER70S-6 electrodes.

A HEIGHT	B WALL GAUGE	C BUTT Ø	TOTAL LUM. WEIGHT	MAXIMUM EPA					
				90	100	110	120	130	140
8	11	3	525	10.1	8.0	7.4	6.1	5.0	4.2
8	11	4	600	21.4	17.1	15.9	13.1	11.0	9.4
10	11	3	435	8.1	6.3	5.8	4.7	3.8	3.1
10	11	4	600	16.7	13.2	12.2	10.0	8.3	7.0
10	11	4.5	600	22.4	17.8	16.5	13.6	11.5	9.9
12	11	3	370	6.4	4.9	4.5	3.5	2.8	2.2
12	11	4	600	13.2	10.3	9.5	7.7	6.3	5.2
12	11	4.5	600	18.1	14.2	13.1	10.7	9.0	7.7
14	11	3	315	5.1	3.8	3.4	2.6	1.9	1.4
14	11	4	550	10.7	8.3	7.6	6.0	4.7	3.9
14	11	4.5	600	14.7	11.4	10.5	8.4	7.0	6.0
16	11	3	275	3.9	2.8	2.5	1.8	1.2	0.7
16	11	4	470	8.8	6.6	6.0	4.6	3.5	2.8
16	11	4.5	595	11.9	9.0	8.2	6.5	5.4	4.5
18	11	3	245	2.9	1.9	1.6	1.0	-	-
18	11	4	400	7.1	5.2	4.6	3.4	2.5	1.9
18	11	4.5	505	9.7	7.2	6.5	5.0	4.1	3.4
20	11	3	225	2.0	1.1	0.9	-	-	-
20	11	4	340	5.6	3.9	3.5	2.4	1.5	1.1
20	11	4.5	430	7.9	5.7	5.1	3.7	3.0	2.4
20	11	5	540	10.5	7.7	7.1	5.7	4.7	3.9
20	7	5	600	17.7	13.5	12.5	10.3	8.6	7.3
22	11	4.5	370	6.3	4.4	3.8	2.6	2.0	1.6
22	11	5	460	8.6	6.1	5.6	4.5	3.6	3.0
22	7	5	600	13.4	9.9	9.2	7.5	6.2	5.1
25	11	4	240	2.8	1.5	1.1	-	-	-
25	11	4.5	290	4.4	2.7	2.2	1.2	0.8	-
25	11	5	365	6.2	4.1	3.7	2.8	2.2	1.7
25	7	5	565	11.1	8.0	7.4	5.9	4.8	4.0
30	11	4.5	205	1.7	-	-	-	-	-
30	11	5	245	3.1	1.3	1.1	0.6	-	-
30	7	5	395	7.0	4.5	4.0	3.1	2.4	1.8
35	7	5	270	3.8	1.7	1.4	0.8	-	-



Powder Coated, Galvanized or Powder Coated over Galvanized Finish Per Customer Specification.

C BUTT Ø	D TOP Ø	F BOLT CIRCLE Ø	G BASE SQUARE	H BOLT PROJ.	I BOLT SIZE
3	3	7.5 - 8.5	8	3.75	.75 × 17 × 3
4	4	7.5 - 8.5	8	3.75	.75 × 17 × 3
4.5	4.5	7.5 - 8.5	8	3.75	.75 × 17 × 3
5 (11 Gauge)	5	7.5 - 8.5	8	3.75	.75 × 17 × 3
5 (7 Gauge)	5	8 - 9	8.75	4.875	1 × 36 × 4

Dimensions in Inches

EPA NOTES: Effective Projected Area (EPA) in square feet. EPA's calculated using wind velocity (mph) indicated in accordance with 2009 AASHTO LTS-5 using a 25-year design life. Maximum EPA is based on the luminaire weight shown. Increased luminaire weight may reduce the maximum EPA. If weight is exceeded, or if other design life or code is required, please consult the factory.

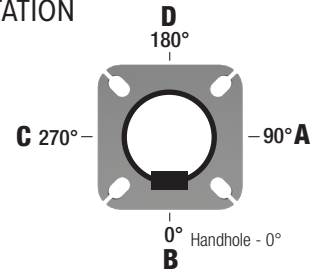
WARNING: Do not install light pole without luminaire.

BASE STYLE

4-Bolt Steel Base Plate of fabricated hot rolled carbon steel conforming to ASTM A36 or equivalent (36 ksi minimum yield) with 2-piece Base Cover and attaching hardware.

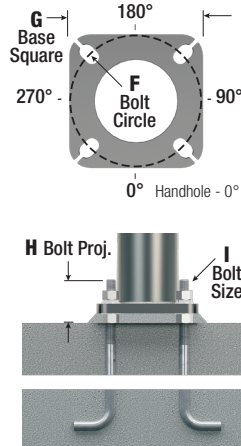


POLE ORIENTATION



ANCHORAGE

Anchorage Kit will include four (4) L-shaped Steel Anchor Bolts conforming to AASHTO M314-90 Grade 55. Ten inches (10") of threaded end will be galvanized per ASTM A153. Kits will contain eight (8) Hex Nuts, four (4) Lock Washers, and eight (8) Flat Washers (all components Galvanized Steel). A paper bolt circle template will be provided.



MOUNTING OPTIONS

SIDE DRILL MOUNT

Includes removable pole cap.

NOTE: A luminaire drilling template must be supplied at time of order.



TENON MOUNT

For Tenon Mount applications specify both Tenon diameter and length.



HANDHOLE

3" BUTT DIAMETER

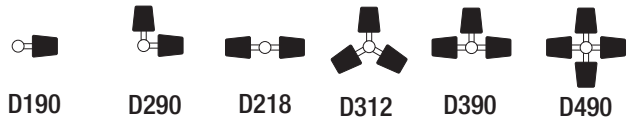
Reinforced, 2" x 4" Handhole with cover and stainless steel screws. A grounding provision incorporating a tapped 1/2"-13NC hole will be provided.



4"+ BUTT DIAMETERS

Reinforced, 3" x 5" Handhole with cover, stainless steel screw and backbar. A grounding provision incorporating a tapped 1/2"-13NC hole will be provided.

DRILL MOUNT OPTIONS



ELECTRICAL BOX

NOTE: GFCI options must be specified in Accessories.



BOX ONLY

GFCI

Duplex GFCI
Receptacle with Cover

GFCI/IU

Duplex GFCI
Receptacle
with In-Use Cover

BASE COVER

ROUND ABS PLASTIC BASE COVERS

are standard in all 11 Gauge RDSS poles specified in powder coat finishes BA-Black, BM-Dark Bronze, BH-White, and GPC-Gray.



SQUARE METAL POWDER COATED

BASE COVERS are standard in all 11 Gauge RDSS poles that are specified in colors other than BPC, BRZPC, and WPC and in all 7 Gauge poles in ALL COLORS. Custom specification of RDSS Square Metal style Base Covers in BPC, BRZPC, GPC-Gray, and WPC powder coated finishes is available.



VIBRATION DAMPER

If determined necessary by Pantheon Lighting, an internal, factory installed, Second Mode Vibration Damper will be provided. Customer specification of the damper is available.

ADDERS

FLOODLIGHT CROSSARM ADDERS		
Single Side Mount Square Floodlight Arm for SSS	SQARM-SQSS	
Single Side Mount Round Floodlight Arm for SSS	RDARM-SQSS	
Double Square Floodlight Arm (In Line 3')	DBLARM-LN3	
Triple Square Floodlight Arm (In Line 5'6")	TPLARM-LN5.5	
Quad Square Floodlight Arm (4 @ 90°)	QUDARM-4	
Quad Square Floodlight Arm (In-Line 5'6")	QUDARM-LN5.5	
Quad Square Floodlight Arm, (In-Line 6'6")	QUDARM-LN6.5	

ALUM BULLHORN CROSSARM ADDERS		
Double Bull-Horn (In Line, 3')	DBLBHRN-LN3	
Triple Bull-Horn (In Line, 5')	TPLBHRN-LN5	
Triple Bull-Horn, (3 @ 120°)	TPLBHRN-3	
Quad Bull-Horn (In-Line, 7' 6")	QUSBHRN-LN7.5	
Quad Bull-Horn (4 @ 90°)	QUSBHRN-4	

FREIGHT POLICY

Pole and Accessory prices are freight prepaid and included on all orders to Continental United States.

All freight allowed orders are subject to be held for freight consolidation (maximum of 2 weeks).

Pre-shipped Anchor Bolts requires a freight adder.