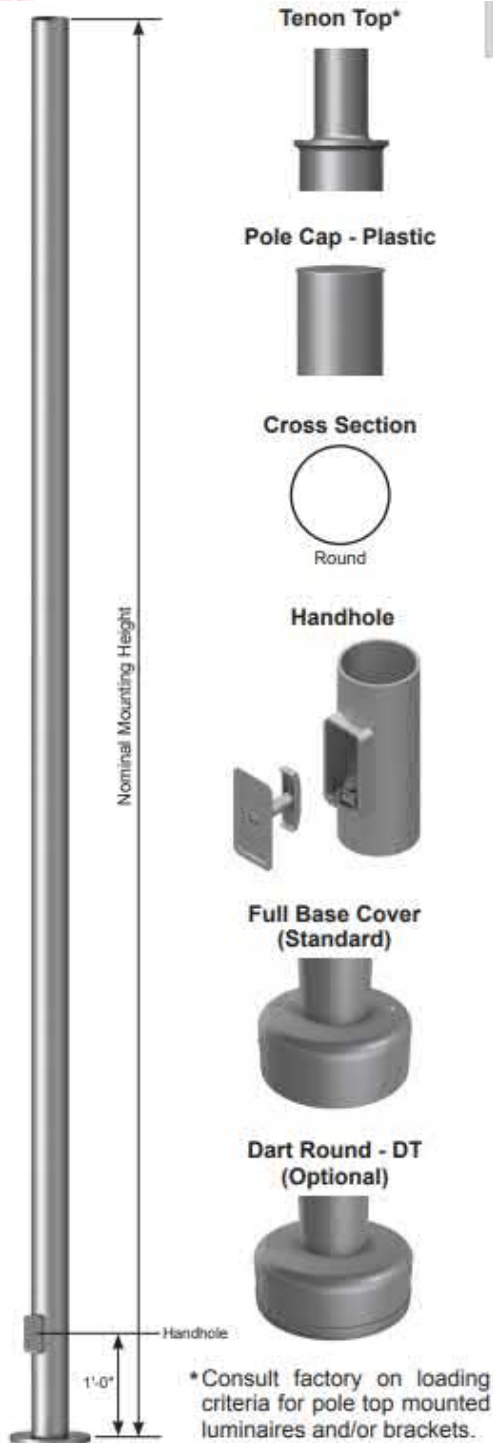




S T E E L P O L E S



*Consult factory on loading criteria for pole top mounted luminaires and/or brackets.

Specifications and Features:
Shaft

The pole shaft is fabricated from hot rolled welded steel tubing of one-piece construction with a minimum yield strength of 42 KSI.

Pole Top

A removeable pole cap is provided for poles receiving drilling patterns for side-mount luminaire arm assemblies. For top mount luminaires and/or bracket, consult factory. If purchasing your luminaires from someone other than Pemco, you must consult the manufacturer for correct tenon size or drill pattern. Other pole top options include pole cap only (PC) or plain top (PL) which is typical when the pole top diameter matches the necessary slip fit dimensions.

Handhole

A reinforced handhole with grounding provision is provided at 1'-0" from the base end of the pole assembly. Each handhole includes an easy to install, self-contained Swing Latch handhole cover assembly. U.S. Patent Swing Latch cover is fabricated from durable polycarbonate/ABS blend plastic. All pole assemblies are provided with a 2.50" x 5.00" rectangular handhole. Handhole dimensions are nominal.

Base Cover

A two-piece full base cover fabricated from ABS plastic is provided with each pole assembly. Additional base cover options, including the dart round (DT) cast aluminum cover, are available (adder).

Anchor Bolts

Anchor bolts conform to ASTM F1554 Grade 55 and are provided with two hex nuts and two flat washers. Bolts have an "L" bend on one end and are galvanized a minimum of 12" on the threaded end.

Hardware

All structural fasteners are galvanized high strength carbon steel. All non-structural fasteners are galvanized or zinc-plated carbon steel or stainless steel.

Finish - Super Durable Polyester TGIC Powder Coat

- Standard finishes: high gloss black, textured black, high gloss white, medium bronze, dark bronze, green, gray, silver metallic
- Premium finishes (adder): Verde patina, pewter patina, silver sparkle, semi-gloss or matte black, satin brushed
- Custom and Marine-grade finishes are available. All RAL colors are available to match (adder).



STEEL POLES




Order Information Example: 412RSSS11D1FBCABNSB

		RSS	S				
Diameter	Height	Model	Type	Wall Size	Fixture Mounting		
3=3" OD 4=4" OD 4.5=4.5" OD 5=5" OD	10=10' 12=12' 14=14' 16=16' 18=18' 20=20' 25=25' 30=30'	RSS=Round Straight Steel	S=Smooth	Refer to chart	Drill Mounting (see Orientation) D1=(1) Drilling @ 270° D2=(2) Drillings @ 90° & 270° D3=(3) Drillings @ 60°, 180° & 270° D4=(1) Drillings @ 0°, 90°, 180° & 270° D5=(2) Drillings @ 180° & 270° D6=(3) Drillings @ 90°, 180° & 270°	Tenon Mounting P2=2.38" OD x 4" tenon P4=4.00" OD x 6" tenon P5= 2.88" OD x 4" tenon P6=2.88" OD x 5" tenon P7=2.38" OD x 5" tenon P9=Special Size (Specify, Adder)	Other Options PC=Pole Cap PL=Plain Top (no cap)
Base Cover	Anchor Bolts	Accessories (adder)		Finish			
FBC=3" Full Base Cover **OPTIONAL** NC=Nut Covers DT=Round Dart Cover	AB=With Anchor Bolts LAB=Less Anchor Bolts	N=None GFIC=GFI in-use cover, cast aluminum* GFIP=GFI in-use cover, plastic* USB=Dual USB Port* *Indicate location		STANDARD FINISHES BK=Black BZ=Bronze DBZ=Dark Bronze WH=White GR=Green SM=Silver Metallic GY=Light Gray TBK=Textured Black Premium Colors (adder) SB=Satin Brushed VP=Verde Patina SS=Silver Sparkle PP=Pewter Patina CC=Custom Color (Consult Factory)			



STEEL POLES



Please note: Pemco Lighting Products offers the following information as a guide only and assumes no liability for its use. DO NOT USE THIS CHART AS A GUIDE FOR ANCHOR BOLT INSTALLATION; REQUEST A BASE TEMPLATE BEFORE POURING CONCRETE!

Mounting Height (ft)	Shaft				Anchor Bolts	80 MPH w/ 1, 3 Gust		90 MPH w/ 1, 3 Gust		100 MPH w/ 1, 3 Gust	
	Base O.D. (in)	Mtg. Height Length (ft)	Wall Thick. (ga)	Struct. Weight (lbs)		Max. EPA (ft ²)	Max. Weight (lbs)	Max. EPA (ft ²)	Max. Weight (lbs)	Max. EPA (ft ²)	Max. Weight (lbs)
10'	3"	10	11	55	0.75" x 17" x 3"	10.00	250	7.70	190	6.00	175
	4"	10	11	70	0.75" x 17" x 3"	19.10	480	15.00	375	12.20	305
	4.5"	10	11	75	0.75" x 17" x 3"	24.50	615	19.50	490	15.80	395
12'	3"	12	11	60	0.75" x 17" x 3"	7.70	195	5.80	145	4.40	130
	4"	12	11	80	0.75" x 17" x 3"	15.00	390	11.80	300	9.50	240
	4.5"	12	11	85	0.75" x 17" x 3"	19.80	495	15.70	395	12.70	320
14'	3"	14	11	70	0.75" x 17" x 3"	6.00	175	4.40	130	3.30	90
	4"	14	11	90	0.75" x 17" x 3"	12.20	305	9.40	250	7.60	195
	4.5"	14	11	95	0.75" x 17" x 3"	16.20	405	12.80	320	10.30	260
16'	3"	16	11	80	0.75" x 17" x 3"	4.60	125	3.20	100	2.30	60
	4"	16	11	100	0.75" x 17" x 3"	9.60	250	7.40	185	5.90	150
	4.5"	16	11	105	0.75" x 17" x 3"	13.10	330	10.20	265	8.20	205
18'	3"	18	11	90	0.75" x 17" x 3"	3.40	90	2.30	60	1.40	70
	4"	18	11	110	0.75" x 17" x 3"	7.60	190	5.70	180	4.50	130
	4.5"	18	11	115	0.75" x 17" x 3"	10.50	265	8.20	210	6.50	165
20'	3"	20	11	100	0.75" x 17" x 3"	2.40	100	1.40	75	-	-
	4"	20	11	120	0.75" x 17" x 3"	6.00	150	4.45	150	3.45	125
	4.5"	20	11	130	0.75" x 17" x 3"	8.50	215	6.60	165	5.20	130
	5"	20	11	145	0.75" x 17" x 3"	11.75	300	9.10	230	7.25	180
25'	4"	25	11	145	0.75" x 17" x 3"	2.85	100	1.95	75	1.35	75
	4.5"	25	11	155	0.75" x 17" x 3"	4.80	130	3.60	90	2.70	90
	5"	25	11	180	0.75" x 17" x 3"	7.25	180	5.50	150	4.25	150
	5"	25	7	260	0.75" x 17" x 3"	12.10	300	9.40	250	7.45	200
30'	4.5"	30	11	185	0.75" x 17" x 3"	2.30	80	1.50	75	1.00	60
	5"	30	11	210	0.75" x 17" x 3"	4.20	150	3.00	125	2.25	100
	5"	30	7	305	0.75" x 17" x 3"	8.00	200	6.50	160	4.75	125

Maximum EPA and weight values are based on side mounted fixtures only. Consult factory on loading criteria for pole top mounted luminaires and/or brackets. Satisfactory performance of poles is dependent upon the pole being properly attached to a supporting foundation of adequate design. Structure weight is a nominal value which includes the pole shaft and base only. Pemco does not design or offer foundation recommendations.



STEEL POLES



POLE		ANCHOR BASE				ANCHOR BOLTS		
BASE OD (IN)	WALL THK (IN)	BOLT CIRCLE		DIAMETER (IN)	THK (IN)	DIA x LENGTH x HOOK (IN)	PROJECTION (IN)	± (IN)
		DIA (IN)	± (IN)					
3.00	0.120	8.00	1.00	10.50	0.750	0.75 x 17.00 x 3.00	3.50	0.25
4.00	0.120	8.00	1.00	10.50	0.750	0.75 x 17.00 x 3.00	3.50	0.25
4.50	0.120	8.00	1.00	10.50	0.750	0.75 x 17.00 x 3.00	3.50	0.25
5.00	0.120	8.00	1.00	10.50	0.750	0.75 x 17.00 x 3.00	3.50	0.25
5.00	0.180	8.00	1.00	10.50	0.750	0.75 x 17.00 x 3.00	3.50	0.25

