



Round Straight Steel Light Pole

Anchor Base

POLE SHAFT

- The pole shaft is of 0.120" uniform wall thickness and is made of a weldable-grade, hot-rolled, commercial-quality steel tubing with a minimum yield of 42,000 psi. Shaft is one-piece with a full-length longitudinal high-frequency electric resistance weld. Uniformly round in cross-section down length of shaft with no taper. Standard shaft diameters are 3", 4", 4.5" and 5". 6" diameter shaft available by quote. Shaft wall thickness of .180" and .250" are available with certain tube diameters.

POLE TOP

- Options include tenon top, drilled for side mount fixture, tenon with drilling (includes extra handhole) and open top. Side drilled and open top poles include a removable press-fit, black, low density polyethylene top cap

HAND HOLE

- A reinforced handhole with grounding provision is provided at 12" from the base end of the pole assembly on side A. Every handhole includes a cover and cover attachment hardware. 2.5" x 5" rectangular handhole is provided on pole

ANCHOR BASE & COVER

- A two-piece ABS round plastic full base cover is provided with each pole assembly. Additional base cover options are available upon factory request. Options include fabricated two-piece sheet steel or heavy duty two-piece cast aluminum full base cover. All base covers are finished to match pole. Anchor base is fabricated from hot-rolled carbon steel plate that conforms with ASTM A36

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" blend on one end. All anchor bolts are hot-dipped galvanized a minimum of 12" nominal on the threaded end. Anchor bolts are made of steel rod having a minimum yield strength of 55,000 psi and a yield strength of 75,000 psi to 95,000 psi

HARDWARE

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

FINISH

- Extra durable standard powder-coat finishes include Dark Bronze, White, Black, Medium Bronze and Natural Aluminum colors. Classic finishes include Sandstone, Charcoal Gray, Tennis Green, Bright Red and Steel Blue colors. Architectural Colors and Special Finishes are available by quote and include, but are not limited to Hot-dipped Galvanized, Paint over Hot-dipped Galvanized, RAL Colors, Custom Colors and Extended Warranty Finishes. Factory-applied primer paint finish is available for customer field-paint applications

NOTE: Additional sizes and configurations are available upon request.

project name	type
catalog number	date



CONFIGURATOR

DESIGNATION	HEIGHT	BASE OD	TOP OD	THICKNESS	ANCHOR BOLTS	BASE TYPE	FINISH TYPE	COLOR	FIXTURE MOUNTING
PRS - Pole Round Steel	18 - 18'	40 - 4"	40 - 4"	C - 0.125"	AB - Anchor Bolts	SB - Std Base	P - Painted	BZ - Bronze	D1 - 0°
	20 - 20'								D2 - 1@90°; 1@270°
	22 - 22'	45 - 4.5"	45 - 4.5"	D - 0.188"					D3 - 1@0°; 1@120°; 1@240°
	25 - 25'								D4 - 1@0°; 1@90°; 1@180°; 1@ 270°
									D5 - 1@0°; 1@270°
									D6 - 1@0°; 1@180°; 1@270°
									D7 - Cap Only, No Side Drilling
									D8 - Open Top, No Cap or Side Drilling
									T1 - 2.38" OD x 4" Long Tenon

EPA LOAD INFORMATION

ITEM #	80 MPH W/ 3SEC GUST		90 MPH W/ 3SEC GUST		100 MPH W/ 3SEC GUST	
	MAX EPA (SQ FT)	MAX WEIGHT (LBS)	MAX EPA (SQ FT)	MAX WEIGHT (LBS)	MAX EPA (SQ FT)	MAX WEIGHT (LBS)
PRS-18-4040-C-AB-SB-P-BZ	5.5	100	3.7	100	2.6	100
PRS-20-4040-C-AB-SB-P-BZ	5	100	3.2	100	2.1	100
PRS-22-4545-D-AB-SB-P-BZ	5.5	100	3.7	100	2.8	100
PRS-25-4545-D-AB-SB-P-BZ	3.5	100	2	100	1.4	100

ACCESSORIES

PS-VD	Factory Installed Vibration Dampener
PSAB1	Pole Steel Pre-Ship Anchor Bolts (4x) 1 x 36 x 3"
PSAB34	Pole Steel Pre-Ship Anchor Bolts (4x) 3/4 x 20 x 3"

DESIGNATION & DIMENSIONAL INFORMATION

BASE MODEL	POLE DIMENSIONS					BASE PLATE		ANCHOR BOLTS	
	NOMINAL MOUNTING HEIGHT	TOP SQ (IN)	BASE SQ (IN)	WALL THK (IN)	STRUCTURE WEIGHT (LBS)	BOLT CIRCLE DIA (IN)	SQ (IN) X THK (IN)	DIA X LENGTH X HOOK (IN)	PROJECTION (IN)
PRS-18-4040-C	18'-0"	4	4	0.125	93	7.5" - 8.5"	10.5" x 3/4"	3/4 x 20 x 3"	3.25" - 3.75"
PRS-20-4040-C	20'-0"	4	4	0.125	110	7.5" - 8.5"	10.5" x 3/4"	3/4 x 20 x 3"	3.25" - 3.75"
PRS-22-4545-D	22'-0"	4.5	4.5	0.188	134	7.5" - 8.5"	10.5" x 3/4"	3/4 x 20 x 3"	3.25" - 3.75"
PRS-25-4545-D	25'-0"	4.5	4.5	0.188	145	7.5" - 8.5"	10.5" x 3/4"	3/4 x 20 x 3"	3.25" - 3.75"

1. The total combined EPA and weight of all fixtures, brackets and attachments mounting to a light pole cannot exceed the EPA and weight rating for a specified pole.
2. Standard EPA (Effective Projected Area) and weight values are based on Standard Commercial Criteria (with 3 second gust factor) for side and top mounted fixtures only.
3. Satisfactory performance of light poles is dependent upon the pole being properly attached to a supporting foundation of adequate design.

NOTE: Additional sizes and configurations are available upon request.

FURTHER INFORMATION

WIND LIGHT POLE WARRANTY

At Eiko Global, we understand that your light pole is an important part of your business. That's why we offer a limited warranty on our light poles. This warranty covers the structural integrity of the pole and the mounting hardware. It does not cover the lighting fixtures or the electrical components. For more information, please contact your local Eiko representative or visit our website at [eiko.com](#).

EIKO LIGHT POLE LIMITED WARRANTY

NON-CANCELLABLE / NON-RETURABLE ITEMS

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EIKO NON-CANCELLABLE AND NON-RETURABLE ITEMS

EXISTING ANCHOR BOLT MEASUREMENT

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EIKO EXISTING ANCHOR BOLT MEASUREMENT FORM

ANCHORIZING ADVISORY

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EIKO ANCHORIZING ADVISORY

POLE MAINTENANCE / INSTALLATION GUIDE

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EIKO POLE MAINTENANCE / INSTALLATION GUIDE

2010 FL CODE 180 MPH WIND MAP

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EIKO 2010 FL CODE 180 MPH WIND MAP

2010 FL CODE 200 MPH WIND MAP

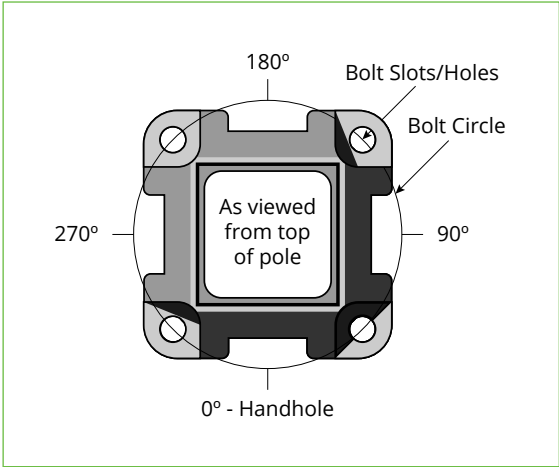
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EIKO 2010 FL CODE 200 MPH WIND MAP

2009 AASHTO WIND MAP

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EIKO 2009 AASHTO WIND MAP



ANCHOR BASE DETAIL