



Square Straight Steel Light Pole

Anchor Base

POLE SHAFT

- The pole shaft is of uniform dimension and wall thickness and is made of weldable-grade, hot-rolled, commercial-quality steel tubing with a minimum yield of 55 KSI (11-gauge, .12"), or 50 KSI (7-gauge, .18"). Shaft is one-piece with a full-length longitudinal high-frequency electric resistance weld. Uniformly square in cross-section with flat sides, small corner radii and excellent torsional qualities. Available shaft widths are 4" and 5".

POLE TOP

- A flush non-metallic black top cap is provided for all poles ordered without a tenon

HAND HOLE

- A reinforced handhole with grounding provision is provided at 18" from the base on side A. Every handhole includes a cover and cover attachment hardware. The handhole has a nominal dimension of 2.5" x 5"

ANCHOR BASE & COVER

- A color matched durable ABS plastic two-piece full base cover is provided with each pole assembly. Anchor base is fabricated from steel that meets ASTM A36 standards

ANCHOR BOLTS

- Anchor bolts are manufactured to ASTM F1554 Standards grade 55, (55 KSI minimum yield strength and tensile strength of 75-95 KSI). Top threaded portion (nominal 12") is hot-dipped galvanized per ASTM A-153

HARDWARE

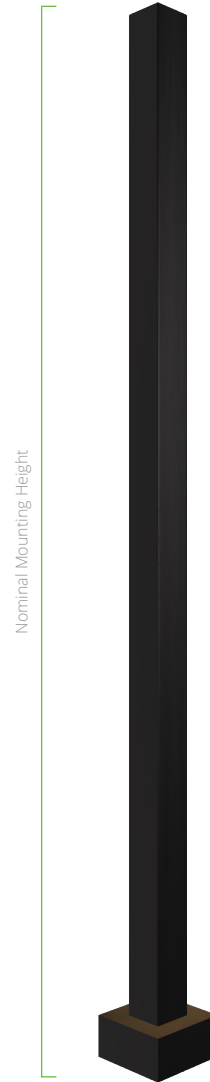
- All structural fasteners are high-strength galvanized carbon steel. All non-structural fasteners are galvanized or zinc-plated carbon steel or stainless steel

FINISH

- Exterior parts are protected by a TGIC or Urethane polyester powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures superior adhesion as well as a minimum finish thickness of 3 mils. Extra durable standard powder-coat finishes include Dark Bronze, Black and Natural Aluminum colors

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
PSS - Pole Square Steel	18 - 18' 20 - 20'	40 - 4"	40 - 4"	C - 0.125"	AB - Anchor Bolts	SB - Std Base	P - Painted	BZ - Bronze	D1 - 0° D2 - 1@90°; 1@270° D3 - 1@0°; 1@120°; 1@240° 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
	22 - 22' 25 - 25' 30 - 30'	50 - 5"	50 - 5"	D - 0.188"					

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)
PSS-18-4040-C-AB-SB-P-BZ	9	100	6.4	100	4.4	100
PSS-20-4040-C-AB-SB-P-BZ	7.1	100	4.7	100	3	100
PSS-22-5050-D-AB-SB-P-BZ	23	100	16.8	100	12.4	100
PSS-25-5050-D-AB-SB-P-BZ	18.1	100	12.8	100	9.1	100
PSS-30-5050-D-AB-SB-P-BZ	10.7	100	6.8	100	4.0	100

ACCESSORIES

PS-VD	Factory Installed Vibration Damper
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)
PSS-18-4040-C	18'-0"	4	4	0.125	152	8" - 9"	8" x 3/4"	3/4" x 20" x 3"	3.25" - 3.75"
PSS-20-4040-C	20'-0"	4	4	0.125	166	8" - 9"	8" x 3/4"	3/4" x 20" x 3"	3.25" - 3.75"
PSS-22-5050-D	22'-0"	5	5	0.188	343	11" - 12"	11" x 1"	1" x 36" x 4"	3.5" - 4.0"
PSS-25-5050-D	25'-0"	5	5	0.188	373	11" - 12"	11" x 1"	1" x 36" x 4"	3.5" - 4.0"
PSS-30-5050-D	30'-0"	5	5	0.188	433	11" - 12"	11" x 1"	1" x 36" x 3"	3.5" - 4.0"

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.

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.

EIKO LIGHT POLE LIMITED WARRANTY

NON-CANCELLABLE / NON-RETURNABLE ITEMS

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EIKO NON-CANCELLABLE AND NON-RETURNABLE ITEMS

EXISTING ANCHOR BOLT MEASUREMENT

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EIKO EXISTING ANCHOR BOLT MEASUREMENT FORM

ANCHORIZING ADVISORY

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EIKO ANCHORIZING ADVISORY

ANCHOR BASE DETAIL

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EIKO ANCHOR BASE DETAIL

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

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Rev. 02/08/23