



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 #	MAXIMUM EPA VALUES BASED ON 150LB LUMINAIRE WEIGHT					
	80 MPH	90 MPH	100 MPH)	110 MPH	120 MPH	130 MPH
PSS-18-4040-C-AB-SB-P-BZ	16.28	13.79	10.35	7.81	5.87	4.37
PSS-20-4040-C-AB-SB-P-BZ	14.37	10.40	7.56	5.46	3.86	2.62
PSS-25-4040-C-AB-SB-P-BZ	9.04	5.52	3.43	1.89	0.72	0.00
PSS-20-5050-D-AB-SB-P-BZ	43.36	15.48	11.38	8.34	6.03	4.23
PSS-25-5050-D-AB-SB-P-BZ	29.61	21.92	16.43	12.36	9.27	6.86
PSS-30-5050-D-AB-SB-P-BZ	21.40	15.10	10.58	7.25	4.71	2.73

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	117	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	129	8" - 9"	8" x 3/4"	3/4" x 20" x 3"	3.25" - 3.75"
PSS-25-4040-C	25'-0"	4	4	0.125	129	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	263	11" - 12"	11" x 1"	1" x 36" x 4"	3.5" x 4"
PSS-25-5050-D	25'-0"	5	5	0.188	299	11" - 12"	11" x 1"	1" x 36" x 4"	3.5" x 4"
PSS-30-5050-D	30'-0"	5	5	0.188	235	11" - 12"	11" x 1"	1" x 36" x 3"	3.5" x 4"

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 luminaire or any other accessories. For more information, please contact your local Eiko representative or visit our website at [eiko.com](#).

EIKO LIGHT POLE LIMITED WARRANTY

NON-CANCELLABLE / NON-RETURNABLE ITEM(S)

Our light poles are non-cancellable and non-returnable. This means that once you have purchased a light pole, you cannot cancel the order or return the pole for a refund. This policy is in place to ensure that we can provide you with the best possible service and support. For more information, please contact your local Eiko representative or visit our website at [eiko.com](#).

EIKO NON-CANCELLABLE AND NON-RETURNABLE ITEMS

EXISTING ANCHOR BOLT MEASUREMENT

Before installing your light pole, you must measure the existing anchor bolts in your foundation. This ensures that the pole will be properly secured and that the foundation is adequate for the pole's weight. For more information, please contact your local Eiko representative or visit our website at [eiko.com](#).

EIKO EXISTING ANCHOR BOLT MEASUREMENT FORM

ANCHORIZING ADVISORY

Before installing your light pole, you must consult with a qualified professional to ensure that the pole is properly anchored. This is especially important for poles that are used in high-wind areas or for poles that are used for other purposes. For more information, please contact your local Eiko representative or visit our website at [eiko.com](#).

EIKO ANCHORIZING ADVISORY

POLE MAINTENANCE / INSTALLATION GUIDE

This guide provides detailed instructions on how to properly install and maintain your Eiko light pole. It covers everything from site selection and foundation preparation to the final assembly and inspection. For more information, please contact your local Eiko representative or visit our website at [eiko.com](#).

EIKO POLE MAINTENANCE / INSTALLATION GUIDE

2010 FL CODE 180 MPH WIND MAP

This map shows the wind speed zones for Florida according to the 2010 Florida Building Code. It is used to determine the required wind resistance for your light pole. For more information, please contact your local Eiko representative or visit our website at [eiko.com](#).

EIKO 2010 FL CODE 180 MPH WIND MAP

2010 FL CODE 200 MPH WIND MAP

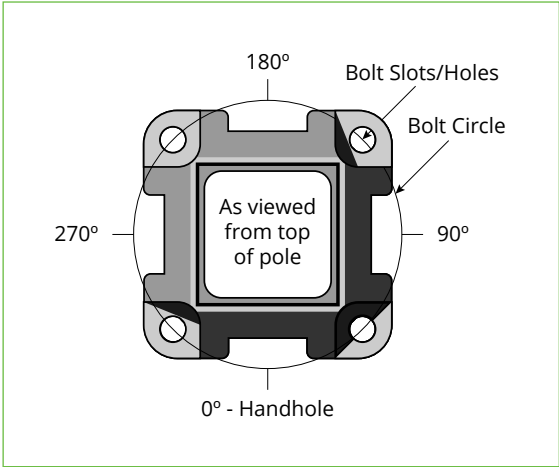
This map shows the wind speed zones for Florida according to the 2010 Florida Building Code. It is used to determine the required wind resistance for your light pole. For more information, please contact your local Eiko representative or visit our website at [eiko.com](#).

EIKO 2010 FL CODE 200 MPH WIND MAP

2009 AASHTO WIND MAP

This map shows the wind speed zones for the United States according to the 2009 American Association of Highway Engineers (AASHTO) standards. It is used to determine the required wind resistance for your light pole. For more information, please contact your local Eiko representative or visit our website at [eiko.com](#).

EIKO 2009 AASHTO WIND MAP



ANCHOR BASE DETAIL