



## Square Straight Aluminum Light Pole

### Anchor Base

#### POLE SHAFT

- Extruded from seamless 6063-T6 aluminum

#### POLE TOP

- A removable top cap is provided for poles receiving drilling patterns for side-mount luminaire arm assemblies

#### ANCHOR BASE & COVER

- Cast from 356 alloy aluminum, the anchor base is supplied with a two-piece aluminum base cover. The completed pole assembly is heat-treated to a T6 temper. Decorative base covers are available as special order options

#### 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

- Structural fasteners are galvanized high strength carbon steel. Non-structural fasteners are galvanized or zinc-plated carbon steel or stainless steel

#### FINISH

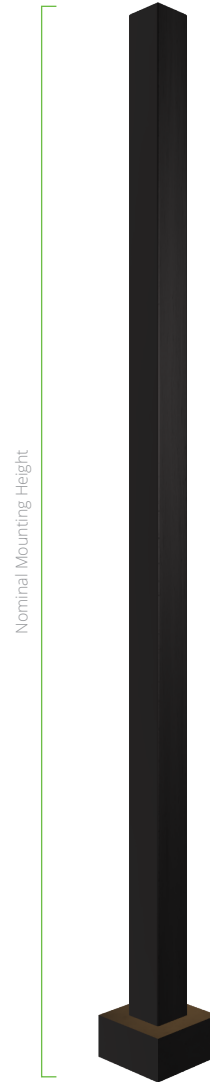
- The finish is painted bronze. For special order finishing colors and fixture matching options, contact EiKO. Remove protective wrapping immediately upon delivery to prevent finish damage when storing outside

#### DESIGN CRITERIA

- Standard EPA (Effective Projected Area) and weight values are based on Standard Commercial and AASHTO Criteria (with 3 second gust factor) for side and top mounted fixtures only. 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.

|                |      |
|----------------|------|
| project name   | type |
| catalog number | date |



## CONFIGURATOR

| DESIGNATION                | HEIGHT               | BASE OD | TOP OD  | THICKNESS  | ANCHOR BOLTS      | BASE TYPE        | FINISH TYPE | COLOR       | FIXTURE MOUNTING                                                                                                                                                                                                                                               |
|----------------------------|----------------------|---------|---------|------------|-------------------|------------------|-------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PSA - Pole Square Aluminum | 18 - 18'<br>20 - 20' | 40 - 4" | 40 - 4" | C - 0.125" | AB - Anchor Bolts | SB - Std Base    | P - Painted | BZ - Bronze | D1 - 0°<br>D2 - 1@90°; 1@270°<br>D3 - 1@0°; 1@120°; 1@240°<br>D4 - 1@0°; 1@90°; 1@180°; 1@270°<br>D5 - 1@0°; 1@270°<br>D6 - 1@0°; 1@180°; 1@270°<br>D7 - Cap Only, No Side Drilling<br>D8 - Open Top, No Cap or Side Drilling<br>T1 - 2.38" OD x 4" Long Tenon |
|                            | 22 - 22'<br>25 - 25' | 50 - 5" | 50 - 5" | D - 0.188" |                   |                  |             |             |                                                                                                                                                                                                                                                                |
|                            | 18 - 18'             | 40 - 4" | 40 - 4" | D - 0.188" |                   | CB - Custom Base |             |             |                                                                                                                                                                                                                                                                |
|                            | 20 - 20'             | 40 - 4" | 40 - 4" | E - 0.250" |                   |                  |             |             |                                                                                                                                                                                                                                                                |

EPA LOAD INFORMATION

| ITEM #                   | 80 MPH W/ 3SEC GUST |                  | 90 MPH W/ 3SEC GUST |                  | 100 MPH W/ 3SEC GUST |                  | 110 MPH W/ 3SEC GUST |                  | 120 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) | MAX EPA (SQ FT)      | MAX WEIGHT (LBS) | MAX EPA (SQ FT)      | MAX WEIGHT (LBS) |
| PSA-18-4040-C-AB-SB-P-BZ | 4.6                 | 100              | 2.9                 | 100              | 1.6                  | 100              | 1                    | 100              | N/A                  | N/A              |
| PSA-20-4040-C-AB-SB-P-BZ | 3.1                 | 100              | 1.6                 | 100              | 0.5                  | 100              | N/A                  | N/A              | N/A                  | N/A              |
| PSA-22-5050-D-AB-SB-P-BZ | 9.7                 | 125              | 6.3                 | 125              | 3.9                  | 125              | 2.9                  | 125              | 1.4                  | 125              |
| PSA-25-5050-D-AB-SB-P-BZ | 6.4                 | 125              | 3.5                 | 125              | 1.5                  | 125              | 0.6                  | 125              | N/A                  | N/A              |
| PSA-18-4040-D-AB-CB-P-BZ | 4.6                 | 100              | 2.9                 | 100              | 1.6                  | 100              | 1                    | 100              | N/A                  | N/A              |
| PSA-20-4040-E-AB-CB-P-BZ | 6.7                 | 100              | 4.4                 | 100              | 2.7                  | 100              | 2                    | 100              | 1                    | 100              |

ACCESSORIES

|           |                                                |
|-----------|------------------------------------------------|
| PA-VDFI   | Internal Vibration Dampener, Field Installable |
| PA-PSAB58 | Pre-Ship Anchor Bolts - 0.625" x 16" x 2"      |
| PA-PSAB34 | Pre-Ship Anchor Bolts - 0.75" x 17" x 2"       |
| PA-PSAB1  | Pre-Ship Anchor Bolts - 1.0" x 36" x 4"        |

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) |
| PSA-18-4040-C | 18'-0"                  | 4           | 4            | 0.125         | 61                     | 9.25                 | 8.625 x 8.625 x 0.75 | 0.625 x 16.00 x 2.00     | 2.75            |
| PSA-20-4040-C | 20'-0"                  | 4           | 4            | 0.125         | 65                     | 9.25                 | 8.625 x 8.625 x 0.75 | 0.625 x 16.00 x 2.00     | 2.75            |
| PSA-20-4040-D | 20'-0"                  | 4           | 4            | 0.188         | 88                     | 9.25                 | 8.625 x 8.625 x 0.75 | 0.75 x 17.00 x 2.00      | 2.75            |
| PSA-22-5050-D | 22'-0"                  | 5           | 5            | 0.188         | 114                    | 11.00 - 12.750       | 11.625 x 11.625 x 1  | 1.00 x 36.00 x 4.00      | 3.5             |
| PSA-25-5050-D | 25'-0"                  | 5           | 5            | 0.188         | 126                    | 11.00 - 12.750       | 11.625 x 11.625 x 1  | 1.00 x 36.00 x 4.00      | 3.5             |

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

EIKO LIGHT POLE WARRANTY

At Eiko Global, we stand behind the quality of our products. We warrant that our light poles are free from defects in material and workmanship for a period of 10 years from the date of manufacture. This warranty is limited to the original purchaser and does not cover damage caused by misuse, neglect, or accidents. For more details, please visit [eiko.com/warranty](#).

**EIKO**

EIKO LIGHT POLE LIMITED WARRANTY

NON-CANCELLABLE / NON-RETURNABLE ITEMS

Due to the nature of our products, which are custom manufactured to order, all items are non-cancellable and non-returnable. This policy is in place to ensure the highest quality and consistency in our products. For more details, please visit [eiko.com/terms](#).

**EIKO**

NON-CANCELLABLE AND NON-RETURNABLE ITEMS

EXISTING ANCHOR BOLT MEASUREMENT

Diagram showing the measurement of existing anchor bolts for pole installation. The diagram includes labels for 'Bolt Circle', 'Bolt Spacing', and 'Bolt Size'.

**EIKO**

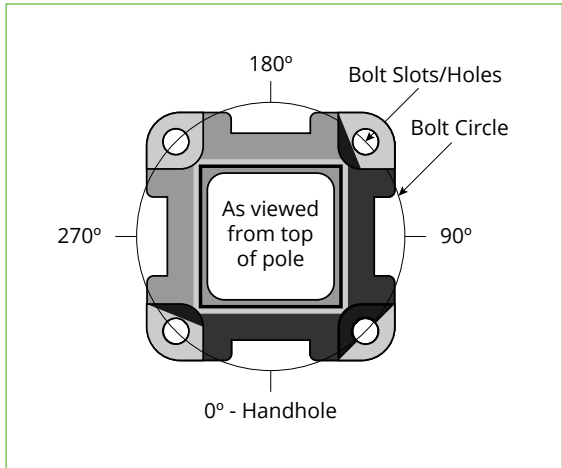
EXISTING ANCHOR BOLT MEASUREMENT FORM

ANODIZING ADVISORY

NOTICE: Color Variations in Product Plates. Anodizing is a process that creates a protective oxide layer on the surface of aluminum. This process can result in color variations across different batches or parts. For more details, please visit [eiko.com/anodizing](#).

**EIKO**

ANODIZING ADVISORY



ANCHOR BASE DETAIL

LIGHT POLE MAINTENANCE & INSTALLATION

This manual provides detailed instructions for the proper installation and maintenance of Eiko light poles. It covers topics such as site selection, foundation requirements, and safety protocols. For more details, please visit [eiko.com/installation](#).

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POLE MAINTENANCE / INSTALLATION GUIDE

2010 FL CODE 180 MPH WIND MAP

Map showing the 2010 Florida Code 180 MPH wind speed zones. The map includes state boundaries and wind speed contours. For more details, please visit [eiko.com/windmaps](#).

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2010 FL CODE 180 MPH WIND MAP

2010 FL CODE 200 MPH WIND MAP

Map showing the 2010 Florida Code 200 MPH wind speed zones. The map includes state boundaries and wind speed contours. For more details, please visit [eiko.com/windmaps](#).

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2010 FL CODE 200 MPH WIND MAP

2009 AASHTO WIND MAP

Map showing the 2009 AASHTO wind speed zones across the United States. The map includes state boundaries and wind speed contours. For more details, please visit [eiko.com/windmaps](#).

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2009 AASHTO WIND MAP