No Fault Poles, Tenons & Adaptors

Poles
Tenons
Adaptors
Bringing You Quality Lighting Products...
Dedicated to producing and delivering quality lighting products, we are proud to bring you our Poles, Tenons, and Adapters. Composed of carbon steel and finished with a polyester thermosetting powder coat, our poles will stand up to most weather conditions. Supplied with an anchor base and bolts along with a variety of Tenons and Adapters, our poles come in both round and square shapes.

Adding some color to your designs...
In the past, lighting fixtures came in the standard bronze or green colors so that they could blend in with their surroundings. While this is still very popular, we are beginning to notice the winds of change blowing our way and with them they bring color. The addition of colors to fixtures is becoming more and more common. People want to show off their landscape lights by making them stand out and match the color scheme they have going with their homes and businesses. To this, Techlight says bring us your color and we will match it. With the combination of our standard available colors and our color matching system, we can make your yard pop with color.

We offer the following information to assist you when placing your pole orders

1) Determine the type of pole shaft
   (SSP) Straight Square Pole (STP) Square Tapered Pole
   (RSP) Round Straight Pole (RTP) Round Tapered Pole
2) Specify the pole height in feet.
   A) SSP 10'ft-40'ft  B) STP 20'ft-40'ft
   C) RSP 10'ft-30'ft  D) RTP 20'ft-50'ft
   Custom heights available, call your Techlight agent for details.
3) Specify shaft size and Gauge
   (Wall Thickness). See cut sheet for information.
4) Specify Finish
   Bronze, Black, White, Galvanized and Custom finishes available. “Custom and Galvanized finishes are at an additional cost, please contact your Techlight agent for details.
POLE SHAFT
The pole shaft is one piece construction, fabricated from a weldable carbon steel, and has uniform wall thickness. The shaft will have a minimum yield strength of 55,000 PSI, and conforms to ASTM A-500 grade C. The pole shaft has a full length longitudinal resistance weld and is uniformly square in cross-section with flat sides, radius corners and a uniform taper of approximately .10 inches per foot of length.

FINISH
A polyester thermosetting powder coat is electronically applied as standard on all finished poles. Standard finishes are Bronze, Black, and White. Consult your representative for pricing on custom finishes.

ANCHOR BASE
The anchor base is fabricated from a structural quality hot rolled carbon steel plate that meets a minimum yield strength 36,000 PSI. The anchor base telescopes the pole shaft and has a circumferential welded top and bottom.

ANCHOR BOLTS
Anchor bolts are fabricated from a commercial quality, hot rolled carbon steel bar with a minimum yield strength of 36,000 PSI. Each bolt is furnished with two heavy hex nuts and two flat washers and will ship with poles unless otherwise specified.

Colors

- Olive Drab Green
- White
- Bronze
- Black
POLE SHAFT
The pole shaft is one piece construction, fabricated from a weldable carbon steel, and has uniform wall thickness. The shaft will have a minimum yield strength of 55,000 PSI, and conforms to ASTMA-500 grade C. The pole shaft has a full length longitudinal resistance weld and is uniformly cylindrical on cross-section.

FINISH
A polyester thermosetting powder coat is electronically applied as standard on all finished poles. Standard finishes are Bronze, Black, and White. Consult your representative for pricing on custom finishes.

ANCHOR BASE
Anchor bolts are fabricated from a commercial quality, hot rolled carbon steel bar with a minimum yield strength of 36,000 PSI. Each bolt is furnished with two heavy hex nuts and two flat washers and will ship with poles unless otherwise specified.

Colors

- Olive Drab Green
- White
- Bronze
- Black
POLE SHAFT
The pole shaft is one piece construction, fabricated from a weldable carbon steel, and has uniform wall thickness. The shaft will have a minimum yield strength of 55,000 PSI, and conforms to ASTMA-500 grade C. The pole shaft has a full length longitudinal weld and is round in cross section having a uniform taper of .14 inches per foot.

FINISH
A polyester thermosetting powder coat is electronically applied as standard on all finished poles. Standard finishes are Bronze, Black, and White. Consult your representative for pricing on custom finishes.

ANCHOR BASE
Anchor bolts are fabricated from a commercial quality, hot rolled carbon steel bar with a minimum yield strength of 36,000 PSI. Each bolt is furnished with two heavy hex nuts and two flat washers and will ship with poles unless otherwise specified.

Colors

- Olive Drab Green
- White
- Bronze
- Black
Tenons

The TV / TH series brackets are for use with square & square tapered steel poles. The TV series brackets are designed for use with the 2AF adjustable fitter or the P4024D slipfitter. The TH series designed for direct fixture mounting. The tenon portion of the mounting bracket measure 2 3/8” O.D. x 4” high.

**TH-SERIES**

<table>
<thead>
<tr>
<th>Model</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>TH2180</td>
<td>8” x 2.3/8” O.D., 2.5” I.D.</td>
</tr>
<tr>
<td>TH290</td>
<td>8” x 2.3/8” O.D., 2.5” I.D.</td>
</tr>
<tr>
<td>TH390</td>
<td>8” x 2.3/8” O.D., 2.5” I.D.</td>
</tr>
<tr>
<td>TH490</td>
<td>8” x 2.3/8” O.D., 2.5” I.D.</td>
</tr>
</tbody>
</table>

**RTB-SERIES**

The RTB series tenons are for use with 6 - 12” wooden poles. This line of mounting brackets is designed for use with the 2AF adjustable fitter. The tenon portion of the mounting bracket measures 2-3/8” O.D.

<table>
<thead>
<tr>
<th>Model</th>
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</thead>
<tbody>
<tr>
<td>RTB1</td>
<td>EPA 0.9, 24”</td>
</tr>
<tr>
<td>RTB2</td>
<td>EPA 1.4, 24”</td>
</tr>
<tr>
<td>RTB3</td>
<td>EPA 2.2, 34”</td>
</tr>
<tr>
<td>RTB4</td>
<td>EPA 2.2, 24”</td>
</tr>
</tbody>
</table>

**RV-SERIES**

<table>
<thead>
<tr>
<th>Model</th>
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</tr>
</thead>
<tbody>
<tr>
<td>RV2</td>
<td>EPA 0.9, 24”</td>
</tr>
<tr>
<td>RV3</td>
<td>EPA 1.4, 24”</td>
</tr>
<tr>
<td>RV3120</td>
<td>EPA 2.2, 16”</td>
</tr>
<tr>
<td>RV4</td>
<td>EPA 2.0, 24”</td>
</tr>
</tbody>
</table>
POLE SHAFT
The pole shaft is one piece construction, fabricated from a weldable carbon steel, and has uniform wall thickness. The shaft will have a minimum yield strength of 55,000 PSI, and conforms to ASTMA-500 grade C. The pole shaft has a full length longitudinal resistance weld and is uniformly square in cross-section with flat sides, radius corners and a uniform taper of approximately .10 inches per foot of length.

FINISH
A polyester thermosetting powder coat is electronically applied as standard on all finished poles. Standard finishes are Bronze, Black, and White. Consult your representative for pricing on custom finishes.

ANCHOR BASE
Anchor bolts are fabricated from a commercial quality, hot rolled carbon steel bar with a minimum yield strength of 36,000 PSI. Each bolt is furnished with two heavy hex nuts and two flat washers and will ship with poles unless otherwise specified.

Colors

Olive Drab Green
White
Bronze
Black
Tenons

The TV / TH series brackets are for use with square & square tapered steel poles. The TV series brackets are designed for use with the 2AF adjustable fitter or the P4024D slipfitter. The TH series designed for direct fixture mounting. The tenon portion of the mounting bracket measure 2 3/8” O.D. x 4” high.

**TH-SERIES**

- **TH2180**
  - 8”
  - 2 3/8” O.D.

- **TH290**
  - 8”
  - 2 3/8” O.D.

- **TH390**
  - 8”
  - 2 3/8” O.D.

- **TH490**
  - 8”
  - 2 3/8” O.D.

**RTB-SERIES**

The RTB series tenons are for use with 6 - 12” wooden poles. This line of mounting brackets is designed for use with the 2AF adjustable fitter. The tenon portion of the mounting bracket measures 2-3/8” O.D.

- **RTB1**
- **RTB2**
- **RTB3**
- **RTB4**

**RV-SERIES**

- **RV2**
  - EPA .9
  - 24”

- **RV3**
  - EPA 1.4
  - 24”

- **RV3120**
  - EPA 2.2
  - 16”

- **RVC4**
  - EPA 2.2
  - 34”

- **RV4**
  - EPA 2.0
  - 24”
Tenons

**TV-SERIES**

- **TVA4**
  - 4" Base

- **TVA5**
  - 5" Base

- **TVA6**
  - 6" Base

- **TV2**
  - EPA 1.6
  - 24"
  - 2.5" I.D.

- **TV3**
  - EPA 2.6
  - 24"
  - 2.5" I.D.

- **TH2**
  - EPA 2.6
  - 24"
  - 2.5" I.D.

- **TH3**
  - EPA 2.6
  - 24"
  - 2.5" I.D.

- **TV4**
  - EPA 2.2
  - 34"
  - 2.5" I.D.

- **TH4**
  - EPA 3.6
  - 24"
  - 2.5" I.D.
Adaptors

POLE MOUNT

PMV
Pole Mount Verticle
(4" sq. Aluminum) EPA .3

PMH
Pole Mount Verticle
(Aluminum)

PMH
Pole Mount Horizontal

For pole mounting with 2AF knuckle slip fitter

PTASSA

PTAVSA
Pole top adaptor
(Steel) EPA .4

*Galvanization available

*Steel yoke

*For vertical box housing square tubing construction EPA .8

2AF
Adjustable knuckle fitter EPA .5

2AFPC
Adjustable knuckle fitter with photocell EPA .5

VBLBY
Steel yoke

VBMSBY
(Yoke)

WPB
Wood pole bracket (Steel) EPA .25

For wooden pole mounting with 2AF knuckle

P4024D
Steel split fitter

P4025D
with 1.2" Hub

For use with Atlas Series (diecast small, medium, and large housing, DCS, DCM, DCL) to be used with 2AK knuckle slipfitters (multiple units)

For use with Atlas Series (diecast small, medium, and large housing, DCM, DCS) to be used with 2AK knuckle slipfitters (multiple units)

EPA .3

EPA .4

EPA .25
Adaptors

Wall MOUNT

**WMV**
Wall Mount Verticle
(4” sq. Aluminum) EPA .3

**WMV**
Wall Mount Horizontal
(Steel)

**LRFWB**
Wall Mount Steel LRF

For use with the Atlas Series (die-cast housing DCM) to be used with 2AF knuckle slipfitters.

**WMSSA**
(Steel) Wall Mount
with (Aluminum) SSA EPA .3

**VSA**
VSARTP
Mounting Arms
(Aluminum) EPA .7

Use with Atlas and Polaris Series fixtures. For use with multiple units placed at 90 degree *SSARTP, *VSARTP for round tapered poles

**SSA**
SSARTP
Mounting Arms
(Aluminum) EPA .3

Use with Atlas and Polaris Series fixtures. For use with multiple units placed at 90 degree *SSARTP, *VSARTP for round tapered poles

Available in tree sizes:
- WMSSA  = 10” Length
- WMSSA-M = 8” Length
- WMSSA-S = 2” Length

Direct mounting for Atlas and Polaris Series fixtures (DCS, DCM, DCL, MSB, LSB).

8”

8”

8”

10”

4”

8”

8”

8”

8”

8”

8”

2.5” I.D.

2.3/8” O.D.

8”

8”

8”

8”

8”

8”
**WIND ZONE CHART**

Consult this map to determine the approximate wind speed in your area. This chart is a reference only, you should consult with an engineer for your required local prevailing code.

1. Values are maximum - mile speeds at 33ft. (10m) above ground areas which include flat, open country, and grass plains.
2. Linear interpolation between wind speed contours is acceptable.
3. Alaska and/or special wind regions require caution in application of wind speed information.
4. Local codes may require wind speeds other than listed above.