

(Note: Accessories need to be purchased separately)

## Size: 4" & 5" & 6"

Project:	
Type:	
Catalog #:	

The BQS Series Square Steel Poles are built from high strength aluminum Square tube and are available side drilled for arm mounted area lighting luminaires or with tenon mounts for flood and post top luminaires. Typical area lighting applications include retail centers, industrial parks, schools and universities, public transit and airports, office buildings and medical facilities. Mounting heights of 10 to 30 feet can be used based on selected luminaire application.

### Specifications and Features: Pole

#### Specifications:

The pole shaft is extruded from seamless 6061-T6 aluminum. Conforms to ASTM F1554 Grade 55.

#### Finish:

Textured Architectural Bronze Powdercoat Finish, Baked to Ensure Maximum Paint Adhesion, Hardness and Durability.

#### Anchor Bolts:

Anchor Bolts are not Included, Sized Based on Pole Data Charts for the Selected Pole Size.

#### Base Cover:

Poles are Provided With a Two-Piece Formed aluminum Base Cover that is Easily Assembled and Fitted Over Pole Base.

#### Pole Length:

Poles are Available in Standard Lengths as Shown in the Order Matrix. Poles can be Custom Cut to Order. Consult Factory.

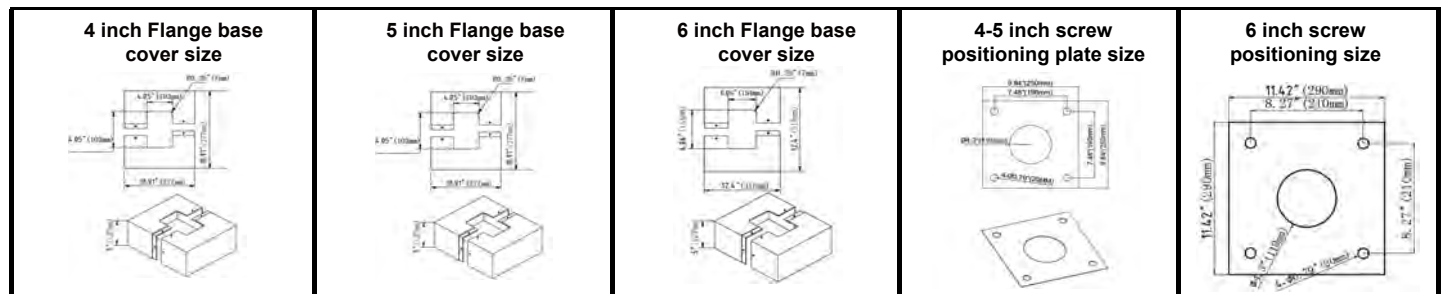
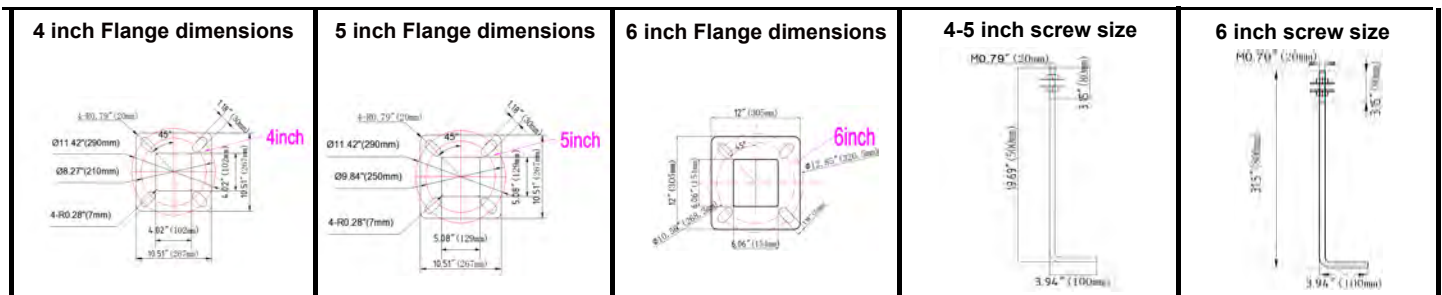
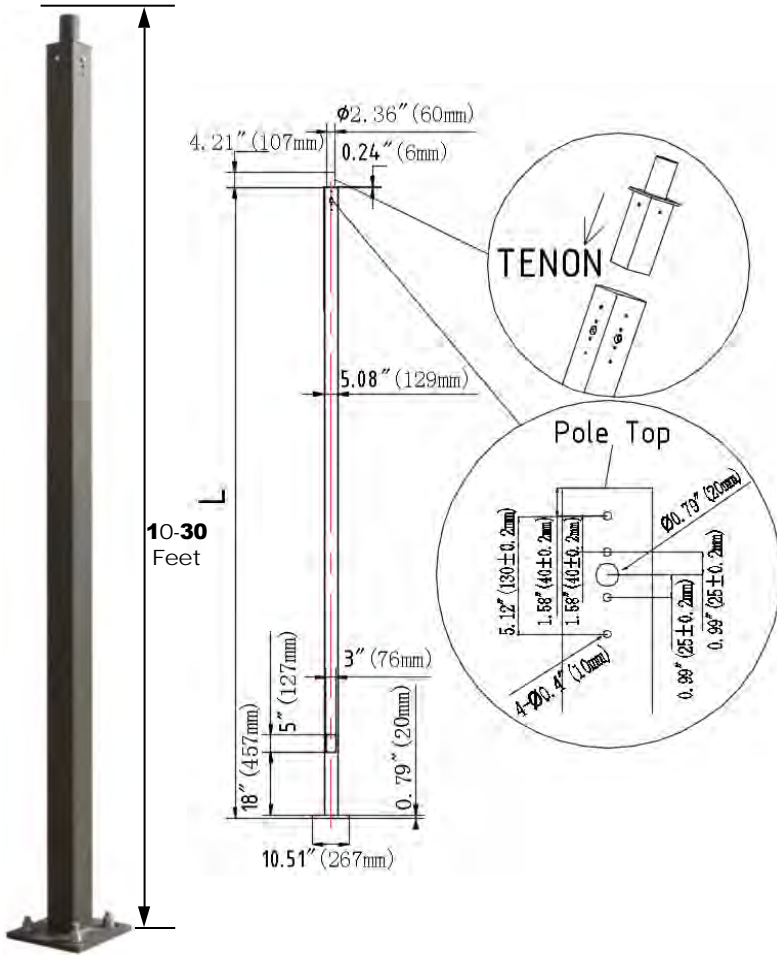
#### Mounting Options:

Standard Length Poles Include 2 3/8" OD Tenon, Side Drilled 4@90 Degrees, Polycarbonate Top Cover and Hole Plugs for Unused Drilling Locations.

Cut To Order Poles can be Side Drilled for 2@180 Degrees or 4@90 Degrees, Includes Polycarbonate Top Cover and Hole Plugs for Unused Drilling Locations.

Cut To Order Poles May Also Be Ordered With 2 3/8" OD Tenons for Use With Post Top Decorative Luminaires, Flood/Area Slip Fitter Fixtures, or Any of a Wide Variety of Pole Top Mounting Accessories.

Our standard equipment is to make a top adapter with 2.5 inches. There is no opening on the top of the light pole. If ARM installation is needed, the top adapter shall be removed and holes shall be opened on the wall of the light pole. Finally, seal the top with a plastic rain cover.



## Specifications:

Specification type	10FT	15FT	20FT	25FT	30FT
BQS-A-4-12-D-T	L=3.0 (m)	L=4.6 (m)	L=6.1 (m)	L=7.6 (m)	L=9.1 (m)
BQS-B-4-12-D-T					
BQS-C-4-12-D-T					
BQS-D-5-18(12/25)-D-T					
BQS-E-6-18(25)-D-T					

## Dimension data:

Catalog #	Mt. height	Wall thickness	Shaft size	Bolt projection	Pole weight	EPA 80	EPA 90	EPA 100	EPA 110	EPA 120
BQS-A-4-12-D-T	10 ft.	0.125 in.	4x4 in.	2.75 in.	31 lbs.	13.5	10.3	7.9	6.9	5.3
BQS-B-4-12-D-T	15 ft.	0.125 in.	4x4 in.	2.75 in.	40 lbs.	7.3	5.1	3.4	2.8	1.9
BQS-C-4-12-D-T	20 ft.	0.125 in.	4x4 in.	2.75 in.	51 lbs.	3.2	1.6	0.5	N/A	N/A
BQS-D-5-18(12/25)-D-T	25 ft.	0.188(0.125/0.25) in.	5x5 in.	2.75 in.	113 lbs.	6.5	3.6	1.5	0.6	N/A
BQS-E-6-18(25)-D-T	30 ft.	0.188(0.25) in.	6x6 in.	2.75 in.	126 lbs.	10.7	6.4	3	1.4	N/A

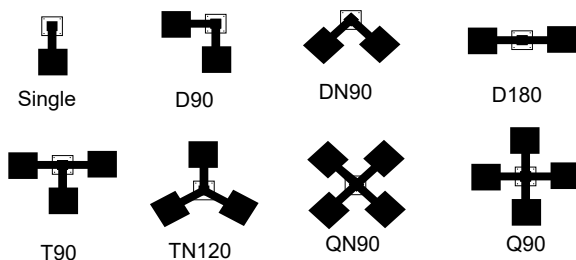
## ORDERING INFORMATION

Product	Height	Size	Wall Thickness	Finish	Mounting
<b>BQS</b> Straight Square Aluminum Pole	<b>A</b> 10FT*	<b>4</b> 4X4in	<b>12</b> 0.125in	<b>D</b> Dark Bronze	<b>T</b> 2.5 inch adapter
	<b>B</b> 15FT*	<b>5</b> 5X5in	<b>18</b> 0.188in		
	<b>C</b> 20FT*	<b>6</b> 6X6in	<b>25</b> 0.250in		
	<b>D</b> 25FT				
	<b>E</b> 30FT**				

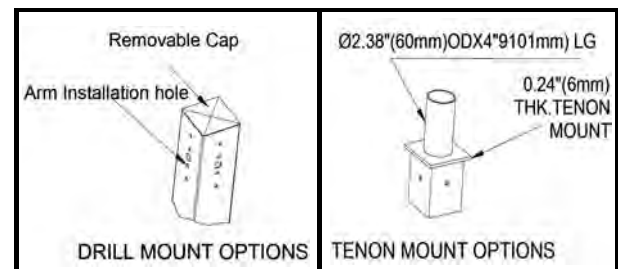
\*Only comes with 0.125in wall thickness / Only available in 4x4in size.

\*\*Only comes with 0.188in or 0.250in wall thickness / Only available in 6x6in size.

## Fixture Configurations:



## Light pole top:



## Installation:

1. Dig a hole in the installation position of the lamp pole. Fixed four fastener fittings according to the hole position of lamp pole and poured with cement concrete. (as shown in the figure)

2. Install 4 screws onto the stick and adjust to same water level, then place the square plate and screw tightly. Install the cover at the bottom of pole. (as shown in the figure)

**6" ANCHORAGE GUIDE**

12" (305mm) x 8.27" (210mm)

**4" 5" ANCHORAGE GUIDE**

9.85" (250mm) x 6.89" (175mm)

**3"X5" HAND HOLE COVER**

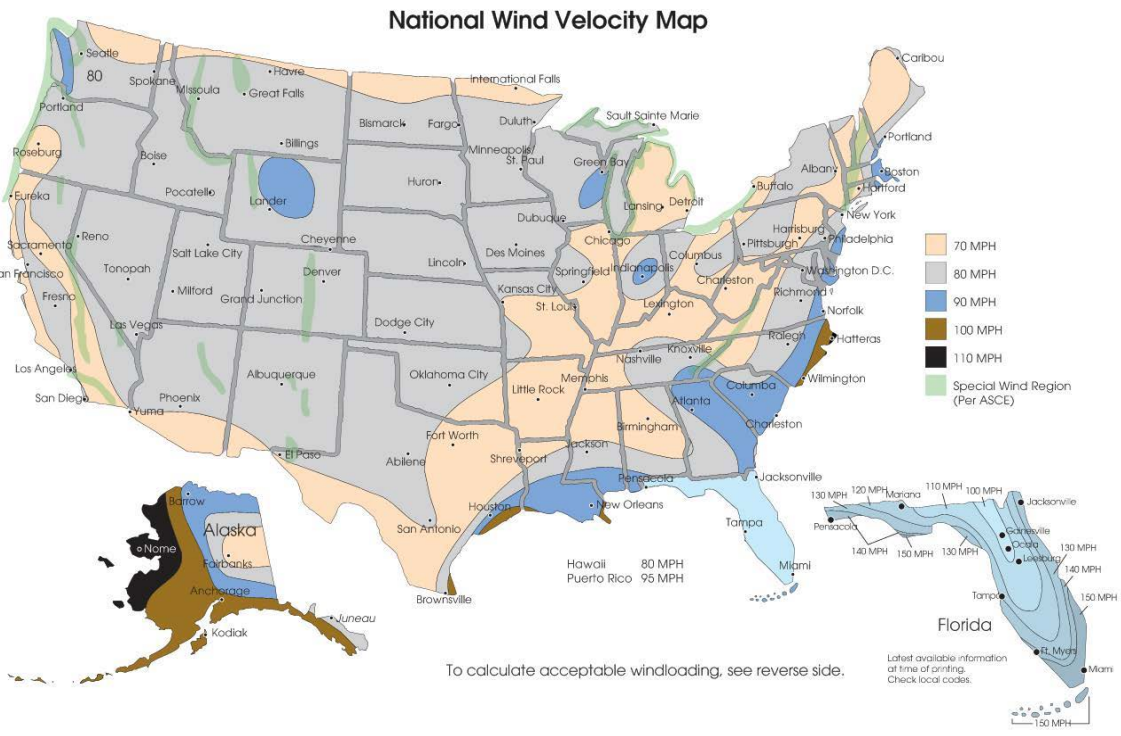
Pole, Waterproof gasket, Hand hole cover

**Foundation reference specification**

Specifications	L	W	H
10-15FT	19.69"(500mm)	19.69"(500mm)	23.62"(600mm)
20-25FT	23.62"(600mm)	23.62"(600mm)	27.56"(700mm)
30FT	27.56"(700mm)	27.56"(700mm)	39.37"(1000mm)

Flange base cover, Nut, BASE PLATE, 3.15" (80mm) BOLT PROJECTION, CONCRETE

The screw to adjust water level



## SQUARE EXTERNAL MOUNT HORIZONTAL TENON · To mount 2/3/4 fixtures on an existing pole

<p>45" (1143mm) x 20.5" (520mm)</p>	<p><b>Low Profile Bullhorn with 3 Tenons</b> NO. BH-3T-D MAX EPA: 1.6 Finish: Dark Bronze USE: The Bracket is designed to mount over 2-3/8" O.D. vertical tenon. Two fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally.</p>	<p>20.5" (520mm) x 24.6" (624.38mm)</p>	<p><b>Low Profile Bullhorn with 2 Tenons</b> NO. BH-2T-D MAX EPA: 1.0 Finish: Dark Bronze USE: The Bracket is designed to mount over 2-3/8" O.D. vertical tenon. Two fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally.</p>
<p>18.82" (478.22mm) x 12.0" (304.8mm)</p>	<p><b>Triple 120° Horizontal Tenon Adaptor</b> NO. 3HTA-D MAX EPA: 1.4 Finish: Dark Bronze USE: The Bracket is designed to mount over 2-3/8" O.D. vertical tenon. Two fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally.</p>	<p>24.6" (624.38mm) x 12.0" (304.8mm)</p>	<p><b>Quad 90° Horizontal Tenon Adaptor</b> NO. 4HTA-D MAX EPA: 1.8 Finish: Dark Bronze USE: The Bracket is designed to mount over 2-3/8" O.D. vertical tenon. Two fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally.</p>

## WALL BRACKET

- Attaches to any flat surface
- Provides wiring access

	<p><b>90° Wall Mount Bracket with 2-3/8" O.D. Tenon</b>                  NO. WMB-90-D                  Finish: Dark Bronze                  MAX EPA: 0.6                  USE: The 90° wall mount bracket with 2-3/8" tenon attaches flood and area fixtures to almost any surface: wall, roof, or wood pole. Provides wiring access and a built-in 2-3/8" O.D. tenon to mount a fixture with our adjustable slip-fitter. Suggested 3/8" diameter bolts for mounting. Mounting holes are spaced 3-1/4" apart.</p>		<p><b>2-3/8" OD Horizontal Tenon Mid-Pole Bracket</b>                  NO. ODHTM-2.5-D                  Finish: Dark Bronze                  MAX EPA: 0.3                  USE: 2-3/8" OD Horizontal Tenon Mid-Pole Bracket is designed to mount light fixture that is equipped with a adjustable slip-fitter onto a 2-3/8" OD horizontal tenon.</p>
	<p><b>180° Wall Mount Bracket with 2-3/8" O.D. Tenon</b>                  NO. WMB-180-D                  Finish: Dark Bronze                  MAX EPA: 0.5                  USE: The 180° wall mount bracket with 2-3/8" tenon attaches flood and area fixtures to almost any surface: wall, roof, or wood pole. Provides wiring access and a built-in 2-3/8" O.D. tenon to mount a fixture with our adjustable slip-fitter. Suggested 3/8" diameter bolts for mounting. Mounting holes are spaced 3-1/4" apart.</p>		<p><b>2-3/8" OD Horizontal Tenon Arc Adapter</b>                  NO. ODHTAA-2.5-D                  Finish: Dark Bronze                  MAX EPA: 0.3                  USE: For use with Round, non-tapered steel and aluminum poles. 2-3/8" OD Horizontal Tenon Mid-Pole Bracket is designed to mount light fixture that is equipped with a adjustable slip-fitter onto a 2-3/8" OD horizontal tenon.</p>
	<p><b>1/2" Round Pole Mount with 2-3/8" O.D. Tenon</b>                  NO. ODHRPM-D                  Finish: Dark Bronze                  MAX EPA: 0.3                  USE: For use with Round, non-tapered steel and aluminum poles. Vertical tenon measures 2-3/8" O.D., and is made of aluminum tubing.</p>		

## MID-POLE TENON BRACKET

## ROUND EXTERNAL MOUNT HORIZONTAL TENON - To mount 2/3/4 fixtures on an existing pole

	<p><b>Double 90° Horizontal Tenon Adapter</b>                  NO. 290HTA-D                  Finish: Dark Bronze                  MAX EPA: 0.6                  USE: The Bracket is designed to mount over 2-3/8" (60mm) O.D. vertical tenon. Two fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally.</p>		<p><b>Triple 120° Horizontal Tenon Adapter</b>                  NO. 3120HTA-D                  Finish: Dark Bronze                  MAX EPA: 0.7                  USE: The Bracket is designed to mount over 2-3/8" (60mm) O.D. vertical tenon. Three fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally.</p>
	<p><b>Double 180° Horizontal Tenon Adapter</b>                  NO. 2180HTA-D                  Finish: Dark Bronze                  MAX EPA: 0.4                  USE: The Bracket is designed to mount over 2-3/8" (60mm) O.D. vertical tenon. Two fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally.</p>		<p><b>Quad 90° Horizontal Tenon Adapter</b>                  NO. 490HTA-D                  Finish: Dark Bronze                  MAX EPA: 1.0                  USE: The Bracket is designed to mount over 2-3/8" (60mm) O.D. vertical tenon. Four fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally.</p>
	<p><b>Single Spoke Bracket Tenon Adapter</b>                  NO. 1SBTA-D                  Finish: Dark Bronze                  MAX EPA: 0.4                  USE: The Bracket is designed to mount over 2-3/8" (60mm) O.D. vertical tenon. One fixture can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally.</p>		<p><b>Double 180° Horizontal Tenon Adapter</b>                  NO. B2180HTA-D                  Finish: Dark Bronze                  MAX EPA: 0.9                  USE: The Bracket is designed to mount over 2-3/8" (60mm) O.D. vertical tenon. Two fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally.</p>
	<p><b>Triple 180° Horizontal Tenon Adapter</b>                  NO. B3180HTA-D                  Finish: Dark Bronze                  MAX EPA: 1.4                  USE: The Bracket is designed to mount over 2-3/8" (60mm) O.D. vertical tenon. Three fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally.</p>		<p><b>Quad 90° Horizontal Tenon Adapter</b>                  NO. B490HTA-D                  Finish: Dark Bronze                  MAX EPA: 1.5                  USE: The Bracket is designed to mount over 2-3/8" (60mm) O.D. vertical tenon. Four fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally.</p>
	<p><b>90° Wall Mount Bracket with 2-3/8" O.D. Tenon</b>                  NO. 90WMB-D                  Finish: Dark Bronze                  MAX EPA: 0.7                  USE: The 90° wall mount bracket with 2-3/8" tenon attaches flood and area fixtures to almost any surface: wall, roof, or wood pole. Provides wiring access and a built-in 2-3/8" O.D. tenon to mount a fixture with our adjustable slip-fitter. Suggested 3/8" diameter bolts for mounting. Mounting holes are spaced 3-1/4" apart.</p>		<p><b>Double 180° Horizontal Tenon Adapter</b>                  NO. Q2180HTA-D                  Finish: Dark Bronze                  MAX EPA: 1.0                  USE: The Bracket is designed to mount over 2-3/8" (60mm) O.D. vertical tenon. Two fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally.</p>
	<p><b>Triple 120° Horizontal Tenon Adapter</b>                  NO. Q3120HTA-D                  Finish: Dark Bronze                  MAX EPA: 1.5                  USE: The Bracket is designed to mount over 2-3/8" (60mm) O.D. vertical tenon. Three fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally.</p>		<p><b>Double 180° Wall Mount Bracket with 2-3/8" O.D. Tenon</b>                  NO. B2180WMB-D                  Finish: Dark Bronze                  MAX EPA: 1.4                  USE: The 180° wall mount bracket with 2-3/8" tenon attaches flood and area fixtures to almost any surface: wall, roof, or wood pole. Provides wiring access and a built-in 2-3/8" O.D. tenon to mount a fixture with our adjustable slip-fitter. Suggested 3/8" diameter bolts for mounting. Mounting holes are spaced 3-1/4" apart.</p>

## POLE BRACKET • For mounting one fixture on an existing pole

	<p><b>4\"/&gt; </b></p>		<p><b>3\"/&gt; </b></p>
	<p><b>5\"/&gt; </b></p>		<p><b>4\"/&gt; </b></p>
	<p><b>5\"/&gt; </b></p>		<p><b>NO. SARMM-D</b>  </p>
	<p><b>NO. ARMM-D</b>  </p>		<p><b>NO. SF-D</b>  </p>
	<p><b>NO. WMB-D</b>  </p>		<p><b>Base Mounting Screw</b>  </p>
	<p><b>Install Base Shield</b>  </p>		<p><b>Base Mounting Screw</b>  </p>
	<p><b>Install Base Shield</b>  </p>		<p><b>Screw Positioning Plate</b>  </p>
	<p><b>Install Base Shield</b>  </p>		<p><b>Screw Positioning Plate</b>  </p>
	<p><b>Arm Square tube turn tube Tenon Adaptor</b>  </p>		<p><b>Arm Square tube turn tube Tenon Adaptor</b>  </p>