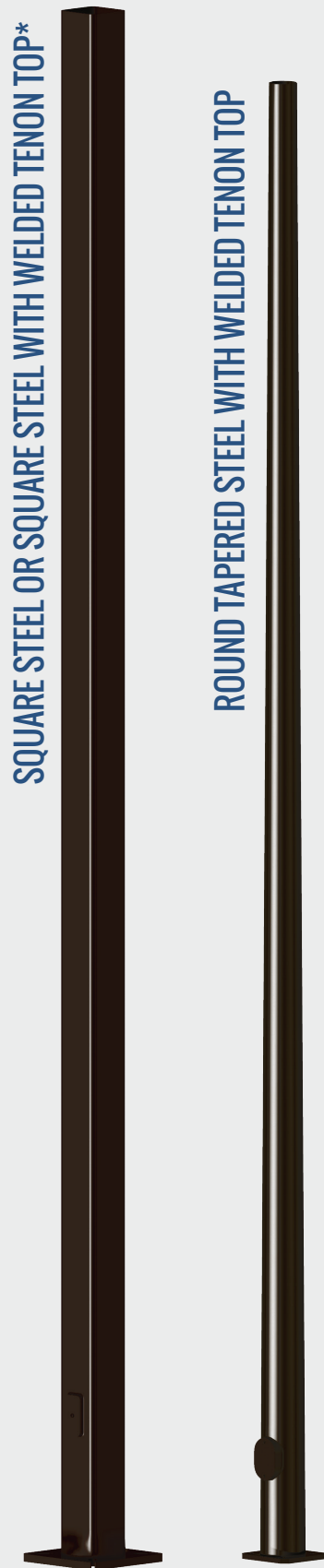


e-conolight offers the following poles to help meet your needs:



SQUARE STEEL OR SQUARE STEEL WITH WELDED TENON TOP\*

ROUND TAPERED STEEL WITH WELDED TENON TOP

## Choose the Best Pole for Your Project



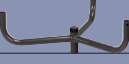
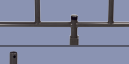


Prior to selecting a pole, view pages 15-24 to determine your desired fixture and its available mounting options. For best results, consider all aspects of your project, including:

- Environment
- Structural Supports
- EPA Ratings
- Geographical Location of Jobsite
- Size, Shape & Weight of Fixtures

### To get started, follow these six simple steps:

- 1 Choose how your fixture(s) will be mounted:
  - Top of pole
  - Top of pole with bullhorn
  - Direct to pole
- 2 Use the charts on page 27 to determine fixture & mounting EPA ratings (based on the fixture's tilt).
- 3 Find the geographic wind zone for your jobsite using the Maximum Wind Zone Map on page 28.
- 4 Based on the jobsite's wind zone, select a pole from the Pole EPA Ratings & Product Selection chart that has an EPA greater than or equal to the Fixture & Mounting EPA. This will help to determine the pole height and SKU that is right for your application.
- 5 **REQUIRED:** Read through the Additional Information on page 29 for included accessories, shipping, warranty and return policies & more.
- 6 Order online with our easy-to-use pole configurator or via phone at 888-243-9445.

### 1 Available Mounting Options

MOUNTING OPTION	CONFIGURATION	SKU	PRICE
Top of Pole	Welded Single Tenon on Pole	Using Pole Configuration TDB	
Top of Pole with Bullhorn	Double Bullhorn @ 180° 	E-PT2E180DB	\$170.90
	Triple Bullhorn @ 180° 	E-PT3E180DB	\$204.90
	Triple Bullhorn @ 120° 	E-PT3E120DB	\$199.90
	Quad Bullhorn @ 180° 	E-PT4E180DB	\$255.90
	Quad Bullhorn @ 90° 	E-PT4E090DB	\$240.90
Direct to Pole	Direct Arm 	E-ACE	\$16.99

\*All steel bullhorn tenons measure 2-3/8" O.D. and accommodate an e-conolight adjustable slip fitter. Bullhorns must be purchased separately.

## 2 Fixture and Mounting EPA Ratings

WELDED SINGLE TENON ON POLE					
	E-FFA13 E-FFA12	E-FFA26 E-FFA22	E-APA12	E-APA23	
	E-HL8	E-HL9	E-AL1L	E-AL2L	E-SBA
0°	N/A	N/A	0.80	1.03	0.54
10°	0.83	1.22	N/A	N/A	0.73
20°	0.93	1.39	N/A	N/A	0.97
30°	0.97	1.46	N/A	N/A	1.14
45°	0.99	1.50	N/A	N/A	1.31
60°	1.13	1.71	N/A	N/A	1.63
70°	1.19	1.83	N/A	N/A	1.83
80°	1.20	1.85	N/A	N/A	1.95
90°	1.17	1.81	N/A	N/A	2.01

Mount to Top of Pole  
(Using Pole Configuration TDB)

DOUBLE BULLHORN @ 180°					
	E-FFA13 E-FFA12	E-FFA26 E-FFA22	E-APA12	E-APA23	
	E-HL8	E-HL9	E-AL1L	E-AL2L	E-SBA
0°	N/A	N/A	2.60	3.06	2.08
10°	2.66	3.44	N/A	N/A	2.46
20°	2.86	3.78	N/A	N/A	2.94
30°	2.94	3.92	N/A	N/A	3.28
45°	2.98	4.00	N/A	N/A	3.62
60°	3.26	4.42	N/A	N/A	4.26
70°	3.38	4.66	N/A	N/A	4.66
80°	3.40	4.70	N/A	N/A	4.90
90°	3.34	4.62	N/A	N/A	5.02






TRIPLE BULLHORN @ 180°					
	E-FFA13 E-FFA12	E-FFA26 E-FFA22	E-APA12	E-APA23	
	E-HL8	E-HL9	E-AL1L	E-AL2L	E-SBA
0°	N/A	N/A	4.00	4.69	3.22
10°	4.09	5.26	N/A	N/A	3.79
20°	4.39	5.77	N/A	N/A	4.51
30°	4.51	5.98	N/A	N/A	5.02
45°	4.57	6.10	N/A	N/A	5.53
60°	4.99	6.73	N/A	N/A	6.49
70°	5.17	7.09	N/A	N/A	7.09
80°	5.20	7.15	N/A	N/A	7.45
90°	5.11	7.03	N/A	N/A	7.63

Mount to Top of Pole  
Using Bullhorn  
(Using Pole Configuration TDB)

TRIPLE BULLHORN @ 120°					
	E-FFA13 E-FFA12	E-FFA26 E-FFA22	E-APA12	E-APA23	
	E-HL8	E-HL9	E-AL1L	E-AL2L	E-SBA
0°	N/A	N/A	3.41	4.04	2.84
10°	3.68	4.93	N/A	N/A	3.34
20°	3.93	5.34	N/A	N/A	3.88
30°	4.09	5.60	N/A	N/A	4.32
45°	4.23	5.84	N/A	N/A	4.82
60°	4.40	6.13	N/A	N/A	5.36
70°	4.44	6.22	N/A	N/A	5.64
80°	4.39	6.16	N/A	N/A	5.78
90°	4.26	5.98	N/A	N/A	5.81

QUAD BULLHORN @ 180°					
	E-FFA13 E-FFA12	E-FFA26 E-FFA22	E-APA12	E-APA23	
	E-HL8	E-HL9	E-AL1L	E-AL2L	E-SBA
0°	N/A	N/A	5.50	6.42	4.46
10°	5.62	7.18	N/A	N/A	5.22
20°	6.02	7.86	N/A	N/A	6.18
30°	6.18	8.14	N/A	N/A	6.86
45°	6.26	8.3	N/A	N/A	7.54
60°	6.82	9.14	N/A	N/A	8.82
70°	7.06	9.62	N/A	N/A	9.62
80°	7.10	9.7	N/A	N/A	10.10
90°	6.98	9.54	N/A	N/A	10.34

QUAD BULLHORN @ 90°					
	E-FFA13 E-FFA12	E-FFA26 E-FFA22	E-APA12	E-APA23	
	E-HL8	E-HL9	E-AL1L	E-AL2L	E-SBA
0°	N/A	N/A	4.80	5.72	3.76
10°	4.92	6.48	N/A	N/A	4.52
20°	5.32	7.16	N/A	N/A	5.48
30°	5.48	7.44	N/A	N/A	6.16
45°	5.56	7.60	N/A	N/A	6.84
60°	6.12	8.44	N/A	N/A	8.12
70°	6.36	8.92	N/A	N/A	8.92
80°	6.40	9.00	N/A	N/A	9.40
90°	6.28	8.84	N/A	N/A	9.64

DIRECT ARM						
		E-FFA13 E-FFA12	E-FFA26 E-FFA22	E-APA12	E-APA23	
		E-HL8	E-HL9	E-AL1L	E-AL2L	E-SBA
Single Direct Mount		N/A	N/A	0.81	1.05	0.49
Double Direct Mount @ 180°		N/A	N/A	1.63	2.10	0.98
Double Direct Mount @ 90°		N/A	N/A	1.31	1.63	0.85
Triple Direct Mount @ 90°		N/A	N/A	2.13	2.68	1.35
Quad Direct Mount @ 90°		N/A	N/A	2.62	3.25	1.71

Mount Direct to Pole  
(Using Pole Configuration 1DB, 2DB, 3DB, 5DB or 6DB)

\*Square steel with welded tenon top should be ordered using pole configuration TDB.

### 3 Maximum Wind Zone Map



### 4 Pole EPA Ratings & Product Selection

HEIGHT	STRUCTURAL WEIGHT OF POLE	90 MPH		100 MPH		SKU	PRICE
		MAX EPA	MAX FIXTURE WEIGHT	MAX EPA	MAX FIXTURE WEIGHT		
<b>4" Square Steel</b>							
15'	108 lbs.	10.6	265 lbs.	8.1	203 lbs.	E-PS4E15C*	\$349.90
17'	120 lbs.	8.4	210 lbs.	6.2	155 lbs.	E-PS4E17C*	
20'	140 lbs.	5.6	140 lbs.	3.7	93 lbs.	E-PS4E20C*	\$499.90
20'	200 lbs.	10.8	270 lbs.	8.2	205 lbs.	E-PS4E20S*	
22'	220 lbs.	9.1	228 lbs.	6.8	170 lbs.	E-PS4E22S*	
25'	245 lbs.	6.7	168 lbs.	4.8	120 lbs.	E-PS4E25S*	
<b>5" Square Steel</b>							
17'	160 lbs.	14.7	368 lbs.	11.1	278 lbs.	E-PS5E17C*	\$524.90
20'	185 lbs.	10.9	273 lbs.	8	200 lbs.	E-PS5E20C*	
22'	305 lbs.	14.6	365 lbs.	11	275 lbs.	E-PS5E22S*	\$659.90
25'	330 lbs.	11.3	283 lbs.	8.1	203 lbs.	E-PS5E25S*	
27'	350 lbs.	9.2	230 lbs.	6.3	158 lbs.	E-PS5E27S*	
30'	380 lbs.	6.4	160 lbs.	3.6	90 lbs.	E-PS5E30S*	
<b>6" Square Steel</b>							
27'	508 lbs.	15.8	395 lbs.	11.5	288 lbs.	E-PS6E27S*	\$839.90
30'	520 lbs.	12.2	305 lbs.	8.3	208 lbs.	E-PS6E30S*	
35'	540 lbs.	7.8	183 lbs.	4	100 lbs.	E-PS6E35S*	
<b>7" - 3-1/2" Round Tapered Steel</b>							
25'	200 lbs.	16.2	405 lbs.	13.1	327 lbs.	E-PSRE25CTDB	\$843.90
<b>8" - 3-4/5" Round Tapered Steel</b>							
30'	265 lbs.	14.9	373 lbs.	12	300 lbs.	E-PSRE30CTDB	\$999.90

POLE CONFIGURATOR	Field Drilling		*0DB	Use for field drilling. Pole cap included.
	Direct Mount - One Hole		*1DB	■
	Direct Mount - Two Holes @ 180°		*2DB	■ ■
	Direct Mount - Two Holes @ 90°		*3DB	■ ■ ■
	Direct Mount - Three Holes @ 90°		*5DB	■ ■ ■ ■
	Direct Mount - Four Holes @ 90°		*6DB	■ ■ ■ ■ ■
2-3/8" Single Tenon Welded on Pole		*TDB	Use with bullhorn or 2" adjustable fitter (standard with round tapered poles).	

### 5 Additional Information

#### Ordering

e-conolight poles can be ordered through our Customer Service department by calling 888-243-9445 or on-line at [www.e-conolight.com](http://www.e-conolight.com). Because poles are custom manufactured upon your order, your credit card will be charged immediately, regardless of lead-time (required prior to shipment). Please carefully select your poles based upon proper mounting configuration and wind loading in your area.

#### Pole and Bullhorn Shipping

Freight charges are not included in the price of all e-conolight poles and bullhorns. A complete shipping address must be provided at the time of order (No PO Boxes). Expedited orders cannot be accepted. Because poles and fixtures ship from different locations, e-conolight cannot guarantee arrival of fixtures and poles on the same day. Anchor bolts shipping in advance will incur additional freight charges. Shipping to the continental US only. Customer is responsible for the offloading of product. Please ensure that the ship-to address can accommodate a large truck delivery.

#### Returns / Restocking and Order Changes

Poles and bullhorns are custom manufactured specifically for each order. They are considered special and CANNOT be modified or canceled once your order has been placed. Once the custom order is placed, it cannot be stopped, and it cannot be refused upon delivery. Pole and bullhorn shipments with damage must be signed for as damaged, and accepted. Contact Customer Service at 888-243-9445 after acceptance to resolve any issue. Credit will not be offered on refused shipments.

#### Anchor Bolts

Partially galvanized anchor bolts and hardware are furnished with each pole. The bolts are made from carbon steel bar conforming to AASHTO and ASTM Grade-55 requirements. **Advance shipment of bolts is available for an additional freight charge and must be requested when pole order is placed. Bolts must ship to the same address as the accompanying pole.**

#### Pole Base

Base is supplied with slotted anchor bolt openings so that a range of bolt circles can be utilized. The base plate telescopes the pole shaft and is circumferentially welded top and bottom. Template can be found on our Website under installation instructions. Paper template provided with pole.

#### Handhole

A rectangular shaped handhole is furnished and includes a steel cover and attachment bar with machine screw. The handhole is located 18-inches above the pole base.

#### Electrical Ground

A ground lug is provided near the handhole and includes a hex-head bolt and nut.

#### Base Cover

A standard, full base cover is included with each steel pole and is made from ABS plastic. Its two-piece construction is secured together with two plastic, hand push rivets. Round Tapered Aluminum poles are supplied with nut covers.

#### Pole Caps

A removable pole cap is included with each pole configured for fixture side mounting or no drill. Poles with tenon top configuration do not include a pole cap.

#### Paint Finish

All e-conolight poles are mechanically cleaned and coated with an electrostatically applied, baked-on powder topcoat to provide years of worry-free service in the field. All e-conolight poles and bullhorns are painted in dark-bronze to closely match fixtures and mounting options.

#### Warranty

e-conolight warrants its poles to be free from defects in materials and workmanship for a period one year from the date of delivery. e-conolight will, at its discretion, repair or replace without charge any returned defective part (FOB factory). The warranty specifically excludes fatigue failure, or similar phenomena, resulting from induced vibration, harmonic oscillation or resonance associated with movement of air currents around the pole.

The above warranties are given in lieu of all other warranties expressed or implied, including and without limitation, the warranty of merchantability and the warranty of suitability for a particular purpose. It is expressly stated that e-conolight assumes no liability for consequential or liquidated damages arising out of a breach of the sale, including any warranties arising therefrom and buyer's remedy shall be limited to repair or replacement of defective parts as described above.

**NOTE:** EPA ratings for e-conolight poles are rated for use with e-conolight fixtures only. It is the sole responsibility of the customer to carefully select poles based upon the proper mounting configuration and the wind loading of the area where the installation will occur.

#### MANUFACTURING LEAD TIMES

Square Steel Poles & Bullhorns		Round Tapered Steel & Aluminum Poles	
Quantity	Lead Time*	Quantity	Lead Time*
1-25	3-4 Weeks	1-25	5-6 Weeks
26+	5-6 Weeks	26+	6-8 Weeks

\* Approximate manufacturing lead times from third party vendor. Please allow additional time for transit.  
† For more information on aluminum poles, visit [www.e-conolight.com/poles](http://www.e-conolight.com/poles)

#### BOLT SPECIFICATIONS

	4" Square Steel	5" Square Steel	6" Square Steel	7" Round Tapered Steel	8" Round Tapered Steel
Anchor Bolt Size	3/4"		1"		
Bolt Circle Diameter	8-1/2"	11"	12"	10"	11"
Bolt Range	8" - 9"	10" - 12"	11" - 13"	9-1/2" - 10-1/2"	10-1/2" - 11-1/2"