

E-PS Series

Square Steel Light Pole

The Unsung Heroes of Outdoor Lighting: Light Poles

Our square steel light poles come in a variety of sizes to fit any exterior lighting scheme. Choose your thickness: 4-inch, 5-inch or 6-inch. And, choose your drill option: either O (Not drilled) or T (Tenon Mount) option. They're perfect for parking areas, street lights, general area lighting, or as outdoor light posts for small applications. A standard, full-base cover made of ABS plastic is included with each light pole. Browse our collection to find the best fit for your next project.

E-PS4 (4-INCH)

SKU	HEIGHT X WIDTH X WALL THICKNESS	BOLT CIRCLE RANGE	ANCHOR BOLT SIZE	STRUCTURAL WEIGHT OF POLE
E-PS4E15C(*)DB	15' x 4" x 0.120"	8" - 9"	3/4" - 10 x 17" + 3"	108
E-PS4E17C(*)DB	17' x 4" x 0.120"			120
E-PS4E20C(*)DB	20' x 4" x 0.120"			140
E-PS4E20S(*)DB	20' x 4" x 0.180"			200
E-PS4E22S(*)DB	22' x 4" x 0.180"			220
E-PS4E25S(*)DB	25' x 4" x 0.180"			245

E-PS5 (5-INCH)

SKU	HEIGHT X WIDTH X WALL THICKNESS	BOLT CIRCLE RANGE	ANCHOR BOLT SIZE	STRUCTURAL WEIGHT OF POLE
E-PS5E17C(*)DB	17' x 5" x 0.120"	10" - 12"	3/4" - 10 x 17" + 3"	160
E-PS5E20C(*)DB	20' x 5" x 0.120"			185
E-PS5E22S(*)DB	22' x 5" x 0.180"			305
E-PS5E25S(*)DB	25' x 5" x 0.180"			330
E-PS5E27S(*)DB	27' x 5" x 0.180"			350
E-PS5E30S(*)DB	30' x 5" x 0.180"			380

E-PS6 (6-INCH)

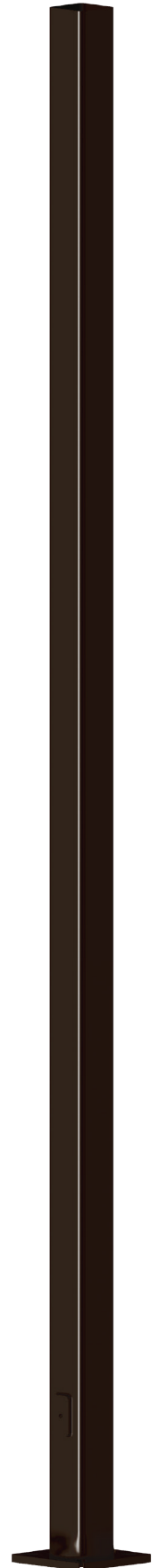
SKU	HEIGHT X WIDTH X WALL THICKNESS	BOLT CIRCLE RANGE	ANCHOR BOLT SIZE	STRUCTURAL WEIGHT OF POLE
E-PS6E27S(*)DB	27' x 6" x 0.180"	11" - 13"	1" - 8 x 36" + 4"	508
E-PS6E30S(*)DB	30' x 6" x 0.180"			520
E-PS6E35S(*)DB	35' x 6" x 0.180"			540

***Select Drill Configuration Note:** Tenon measures (2.38" O.D. x 4.0" L) O No Drill T Tenon

O = Not Drilled: Requires to be drilled in the field when used with direct arm mounts. Consult light pole install sheet for drilling template.

T = Tenon Mount: Includes single tenon. For use with 2" (2-3/8" OD) adjustable fitters.

Important Note: If using a direct arm mount, light pole will need to be drilled in the field. Drilling template can be found on the install sheet for the light pole, provided by e-conolight.



E-PS Series

Construction & Materials

Recommended Use: Parking lots • Roadways • General area

Certifications **1 YEAR**
WARRANTY

Housing:

- Painted in dark bronze, mechanically cleaned, and coated with an electrostatically applied, baked-on powder topcoat
- Minimum yield strength for pole shafts: 55 KSI

Anchor Bolts:

- Partially galvanized anchor bolts and hardware included
- Anchor bolts are made from carbon steel bar conforming to AASHTO and ASTM Grade-55 requirements

Base:

- Base is supplied with slotted anchor bolt openings for range of bolt circles to be utilized
- Base plate telescopes the pole shaft and is circumferentially welded top and bottom
- A standard full base cover is included with each pole and made from ABS plastic; secured together with two plastic, hand push rivets

Pole Cap:

- Removable pole cap is included with each pole configured for 0 (no drill)
- Poles with tenon top configuration do not include a pole cap

Handhole:

- Rectangular shaped handhole is furnished and includes a steel cover, attachment bar with machine screw
- Handhole is located 18-inches above the pole base. Handhole dimensions are: 2-1/2" x 5"
- Ground lug is provided near the handhole and includes a hex-head bolt and nut

EPA INFORMATION - E-PS4 (4-INCH)

HEIGHT X WIDTH X WALL THICKNESS	BOLT CIRCLE RANGE	STRUCTURAL WEIGHT OF POLE	ANCHOR BOLT SIZE	80 MPH		90 MPH		100 MPH	
				MAX EPA	MAX FIXTURE WEIGHT	MAX EPA	MAX FIXTURE WEIGHT	MAX EPA	MAX FIXTURE WEIGHT
15' x 4" x 0.120"	8" - 9"	108	3/4" - 10 x 17" + 3"	14.1	353	10.6	265	8.1	203
17' x 4" x 0.120"		120		11.4	285	8.4	210	6.2	155
20' x 4" x 0.120"		140		8.1	203	5.6	140	3.7	93
20' x 4" x 0.180"		200		14.4	360	10.8	270	8.2	205
22' x 4" x 0.180"		220		12.2	305	9.1	228	6.8	170
25' x 4" x 0.180"		245		9.6	240	6.7	168	4.8	120

EPA INFORMATION - E-PS5 (5-INCH)

HEIGHT X WIDTH X WALL THICKNESS	BOLT CIRCLE RANGE	STRUCTURAL WEIGHT OF POLE	ANCHOR BOLT SIZE	80 MPH		90 MPH		100 MPH	
				MAX EPA	MAX FIXTURE WEIGHT	MAX EPA	MAX FIXTURE WEIGHT	MAX EPA	MAX FIXTURE WEIGHT
17' x 5" x 0.120"	10" - 12"	160	3/4" - 10 x 17" + 3"	19.5	488	14.7	368	11.1	278
20' x 5" x 0.120"		185		14.0	373	10.9	273	8.0	200
22' x 5" x 0.180"		305		19.5	488	14.6	365	11.0	275
25' x 5" x 0.180"		330		15.6	390	11.3	283	8.1	203
27' x 5" x 0.180"		350		13.1	328	9.2	230	6.3	158
30' x 5" x 0.180"		380		9.9	248	6.4	160	3.6	90

EPA INFORMATION - E-PS6 (6-INCH)

HEIGHT X WIDTH X WALL THICKNESS	BOLT CIRCLE RANGE	STRUCTURAL WEIGHT OF POLE	ANCHOR BOLT SIZE	80 MPH		90 MPH		100 MPH	
				MAX EPA	MAX FIXTURE WEIGHT	MAX EPA	MAX FIXTURE WEIGHT	MAX EPA	MAX FIXTURE WEIGHT
27' x 6" x 0.180"	11" - 13"	508	1" - 8 x 36" + 4"	21.6	540	15.8	395	11.5	288
30' x 6" x 0.180"		520		17.6	440	12.2	305	8.3	208
35' x 6" x 0.180"		540		11.9	298	7.8	183	4.0	100

For mounting other manufacturers' fixtures, please reference EPA and maximum fixture weight information above.

Due to continuous product improvement, information in this document is subject to change.

Revision Date: 07/05/2023

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E-PS Series

Included



Welded Tenon Top
(Configuration T)



Pole Cap
(Configuration O)



Handhole
(Standard)

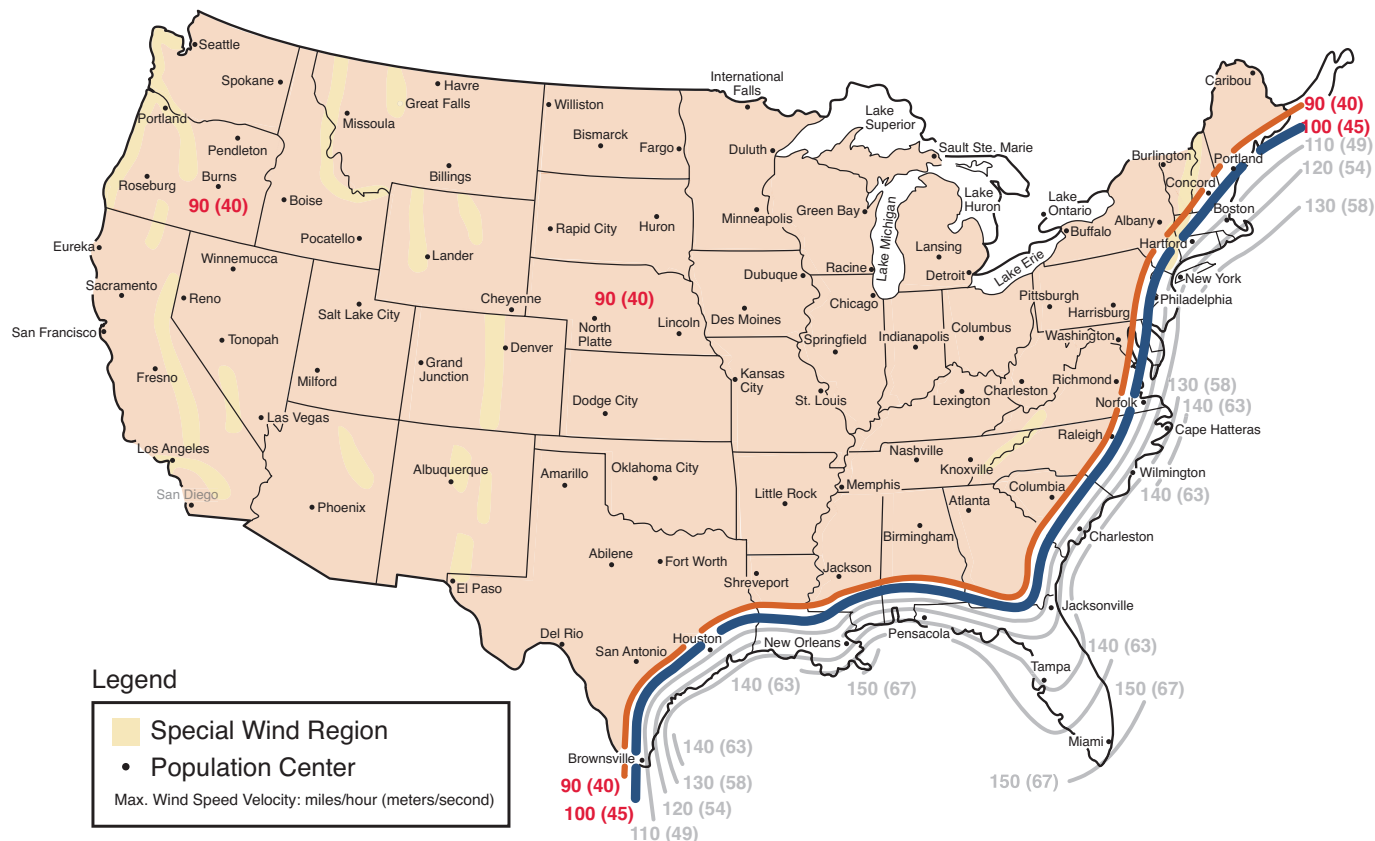


Full Base Cover
(Standard)

Maximum Wind Zone Chart

The maximum wind zone chart is included only for reference. Soil conditions can vary substantially within an area. Installers are advised to work with an engineering firm to determine suitable light poles and EPA loadings for every installation.

This map indicates approximate maximum wind zones throughout the U.S. Base wind velocities are established using a 50-year recurring mean. The EPA rating of the pole must be equal to or greater than that of the luminaire(s) + tenon (if applicable), taking into consideration the wind conditions at the job site. It is the customer's responsibility to carefully select poles and associated accessories based upon proper mounting configurations and wind loading in area where the installation will occur.



NOTE: Hanging signs, banners and flags on poles changes the EPA rating and increases vibration. The EPA ratings data provided does not allow for this added stress which could result in pole or luminaire failure.