



ZUMALIGHTING

Project _____ Type _____ Qty _____

Company _____ Part # _____

Square Steel Straight Pole - PS Series

Specifications

Shaft

Square steel shaft fabricated from high grade mechanical tube with a minimum yield strength of 46,000 psi, conforming to ASTM A500 Grade B specifications. Overall pole height is measured from bottom of base plate to the pole top. Note: tenon height not included in specified pole height.

Handhole / Grounding

Reinforced hand hole is furnished with cover. All fasteners are stainless steel. All poles include internal ground lug / nut welded to the pole shaft within handhole.

Baseplate

Pole shaft is welded to a baseplate w/ 4-bolt pattern – baseplate size and bolt circle vary based on pole size.

Mounting

Specify drill pattern & configuration or select tenon option.

Anchorbolts

Anchorbolts are equipped with (2) galvanized nuts and (2) washers per bolt, size and length vary based on selected pole size. All anchorbolts are hot dip galvanized carbon steel with minimum yield strength of 50,000 psi.

Pole Top Cap

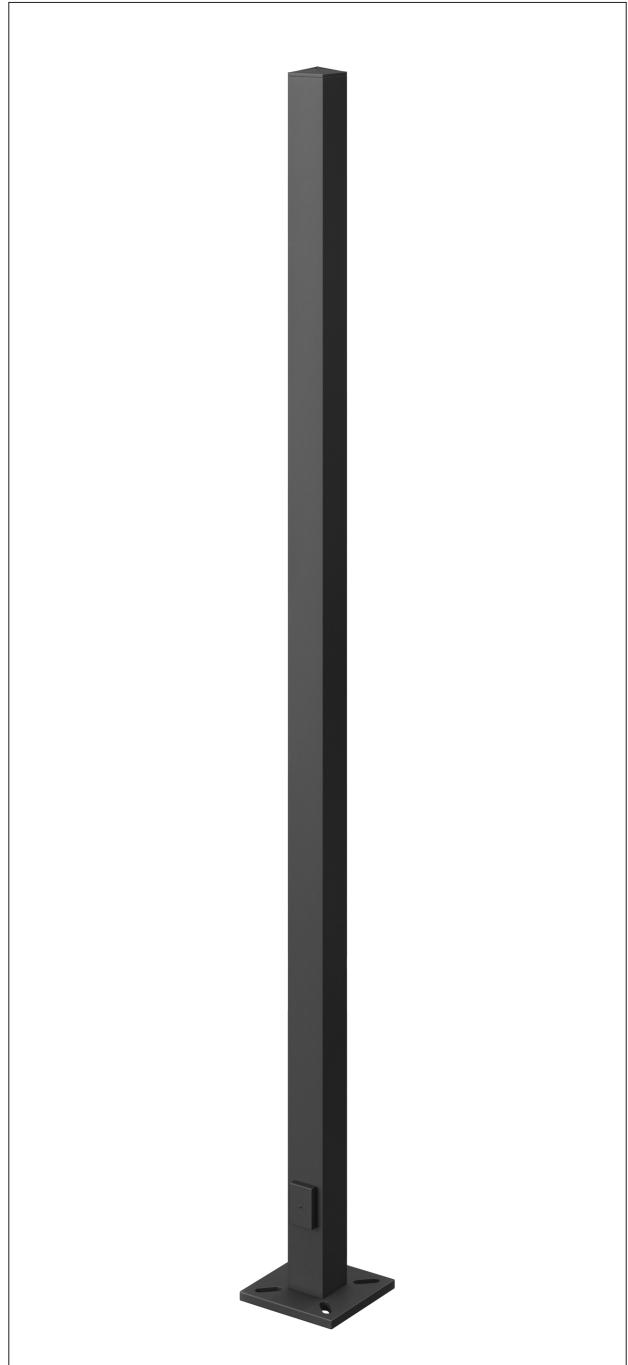
Standard drill-mount poles include black removable top cap.

Powder Coat Finish

Products undergo sandblast treatment to ensure optimal adhesion of thermoset polyester powder coats. Each coating is meticulously applied to achieve a uniform thickness of 3-5 mils. Galvanized and marine grade finish can be specified.

Base Cover

Poles are equipped with easy assembly 2-Piece square base cover to conceal and protect base cover and anchorbolts. For more architectural base cover options, contact a Zuma representative.





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Item	Height (ft)	Pole Size	Gauge	Bolt Circle ¹	Mounting ²	Finish	Options
PS Steel Pole	10	4S 4" Square	11G .120 in	BC912 9 1/2" dia.	XM No drilling, no tenon	BZ8 Zuma Bronze	GFIP GFIP (provision only)
	12	5S 5" Square	7G .180 in	BC1134 11 3/4" dia.	S1 Single Drilling	BK GT Black	MGF Marine Grade Finish
	15	6S 6" Square	3G .25 in	CBP Custom Bolt Pattern	D180 Double 180° Drilling	SL Iridium Silver	GL Galvanized (under powdercoat)
	20				D90 Double 90° Drilling	WH Alpine White	EYE Eyebolt (specify location)
	25				T90 Triple Drilling	GRY Granite Gray	BAA³ Buy America Act Compliant
	30				Q90 Quad Drilling	GRN Moss Green	BABA³ Build America, Buy America Act Compliant
	35				TN3 3" OD x 4" L tenon	CC Custom	CSTP Custom Provision
	40				TN238 2-3/8" OD x 4" L tenon		LAB Less Anchor Bolts
	CH Custom Height				TNC Custom Tenon		CSTP Custom Provision

1 Smaller baseplate sizes are available only for select pole sizes.
Please refer to product specifications or contact us for compatibility details.

2 Standard drill location for fixture mounting is 2" below top of pole.
Reference page 5 for specific mounting options.

3 Consult our sales team for detailed information on compliance with domestic manufacturing regulations.





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Part #	Nominal Height (ft)	Wall Thickness (in.)	Shaft Dia. (in.)	Base plate (in.)	Bolt Circle (in.)	Anchors-bolts (in.)	80 mph Max Weight	90 mph Max Weight	100 mph Max Weight	110 mph Max Weight	120 mph Max Weight	130 mph Max Weight	140 mph Max Weight	150 mph Max Weight	160 mph Max Weight	170 mph Max Weight	180 mph Max Weight
PS-15-4S-11G	15	0.12	4"	10.51"	9.5"	3/4" x 24"	17.2 EPA 430lbs	13.2 EPA 330lbs	10 EPA 250lbs	2.52 EPA 63.10lbs	1.66 EPA 41.55lbs	0.99 EPA 24.77lbs	0.46 EPA 11.46lbs	0.03 EPA 0.73lbs	-	-	-
PS-20-4S-11G	20	0.12	4"	10.51"	9.5"	3/4" x 24"	9.8 EPA 245lbs	7.3 EPA 182lbs	5.3 EPA 132lbs	0.24 EPA 5.99lbs							
PS-20-4S-7G	20	0.18	4"	10.51"	9.5"	3/4" x 24"	16.4 EPA 410lbs	13 EPA 325lbs	9.9 EPA 247lbs								
PS-20-5S-11G	20	0.12	5"	12"	11.75"	1" x 36"	17.5 EPA 437lbs	12.6 EPA 315lbs	9.3 EPA 232lbs								
PS-20-5S-7G	20	0.18	5"	12"	11.75"	1" x 36"	27.9 EPA 697lbs	21.2 EPA 530lbs	16.1 EPA 402lbs								
PS-25-4S-11G	25	0.12	4"	12"	11.75"	1" x 36"	5.8 EPA 145lbs	3.4 EPA 85lbs	1.8 EPA 45lbs								
PS-25-5S-11G	25	0.12	5"	12"	11.75"	1" x 36"	10.3 EPA 257lbs	6.6 EPA 185lbs	3.7 EPA 92lbs								
PS-25-4S-7G	25	0.18	4"	12"	11.75"	1" x 36"	10.6 EPA 265lbs	7.4 EPA 185lbs	5.2 EPA 130lbs								
PS-25-5S-7G	25	0.18	5"	12"	11.75"	1" x 36"	19.1 EPA 477lbs	13.6 EPA 340lbs	9.7 EPA 242lbs								
PS-30-4S-11G	30	0.12	4"	12"	11.75"	1" x 36"	6.1 EPA 152lbs	2.4 EPA 60lbs	N/A								
PS-30-5S-7G	30	0.18	5"	12"	11.75"	1" x 36"	12.4 EPA 310lbs	7.6 EPA 190lbs	4.1 EPA 102lbs								

ADDITIONAL NOTES

- All wind loading calculations assume sustained wind forces plus an additional gust factor of 1.3.
- The attachment of flags, banners, streamers, ropes, or any other items to poles will void Zuma Lighting's normal product guarantee. These attachments may also create hazardous conditions.
- Installing poles without their designated luminaire(s) compromises pole strength and can lead to potential failures.
- Any accessories or modifications made in the field, including but not limited to banner arms, signage, and cameras, compromise the structural integrity of the pole. All modifications require factory evaluation and approval prior to order placement. Local structural engineer approval is also recommended.
- Proper performance of light poles is dependent on the pole being securely attached to a suitably designed supporting foundation. Failure to adhere to this requirement may result in pole failure.





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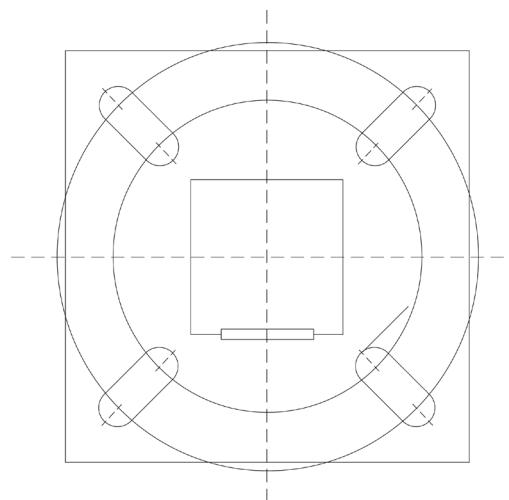
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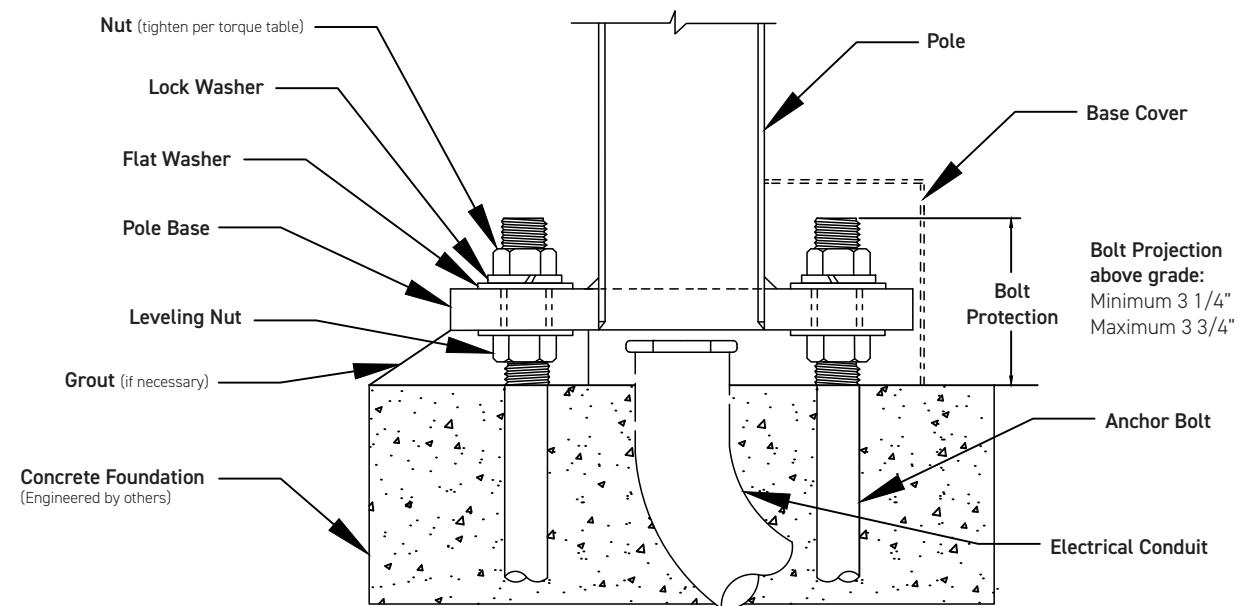
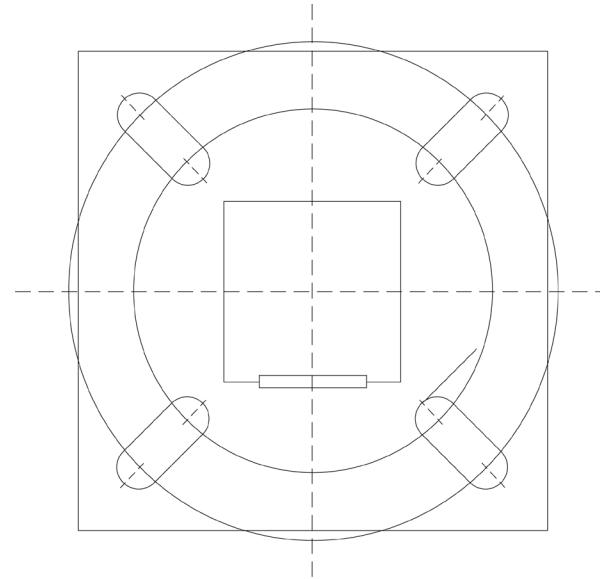
10.5" Square

9.5" Dia. Bolt Circle



12" Square

11.75" Dia. Bolt Circle



ADDITIONAL NOTES

- Templates not to scale. Please contact a Zuma representative for to scale baseplate tempaltes prior to anchor bolt installation.



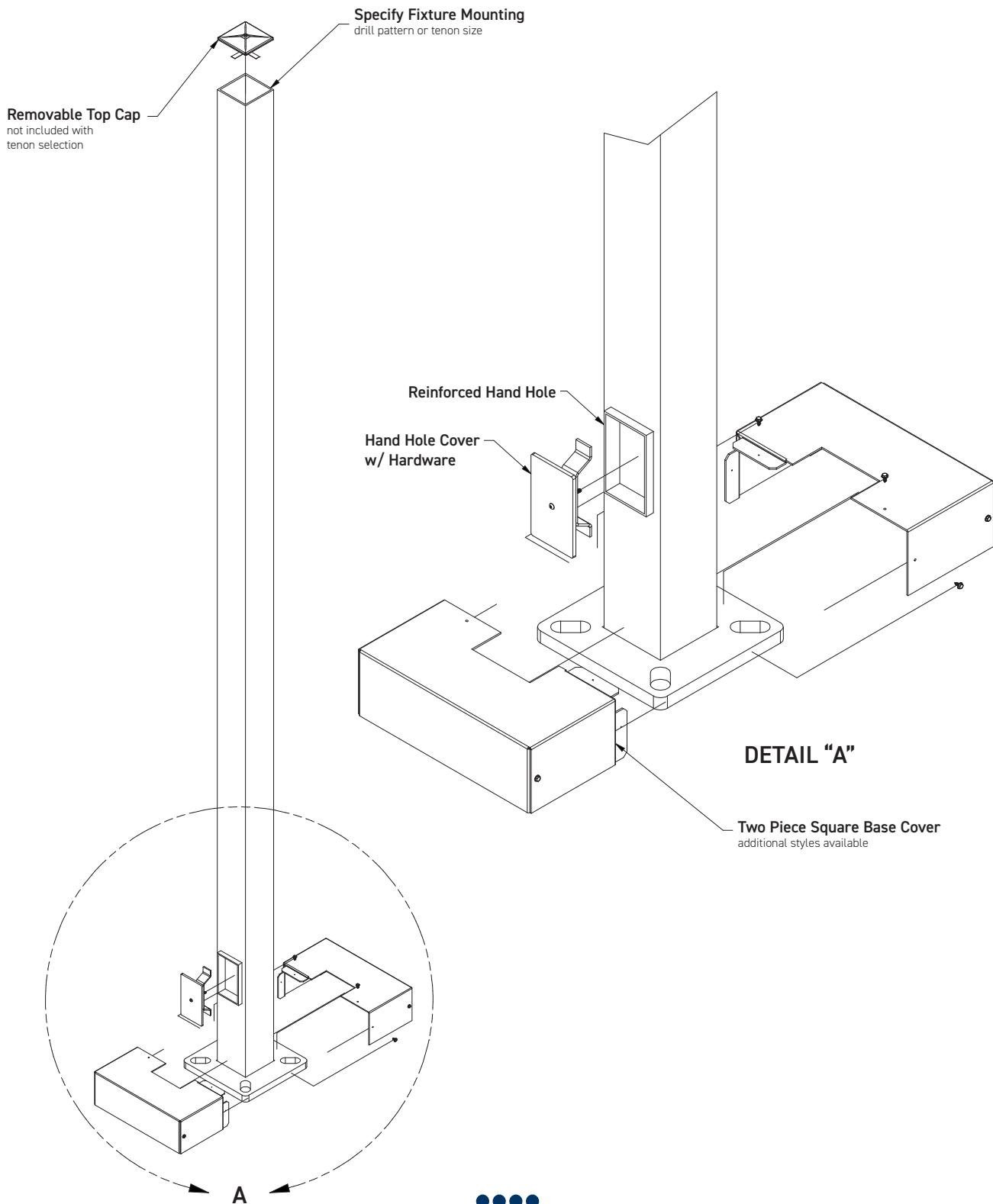


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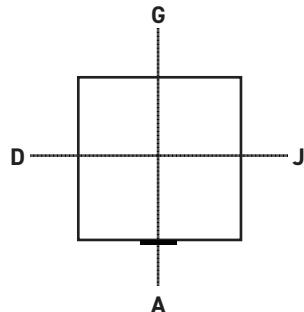
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Orientation

"A" position is aligned with center of handhole cover and each consecutive letter represents 30° clockwise.



Letter	Degree
A	0°
D	90°
G	180°
J	270°

Options

Eye Bolt EYE	Drilling S1/D180/D90/T90/Q90	Provision GFIP

Eye Bolt

Recommended orientation is G and recommended height is 2" from the top.

Drilling

S1: Recommended orientation is G and recommended height 1.5" from the top.

D180: Recommended orientation is A &G and recommended height 1.5" from the top.

T90: Recommended orientation is D, G and J and recommended height 1.5" from the top.

Provision GFCI

Recommended orientation is G and height 6" from the top or 28" up from the base plate.

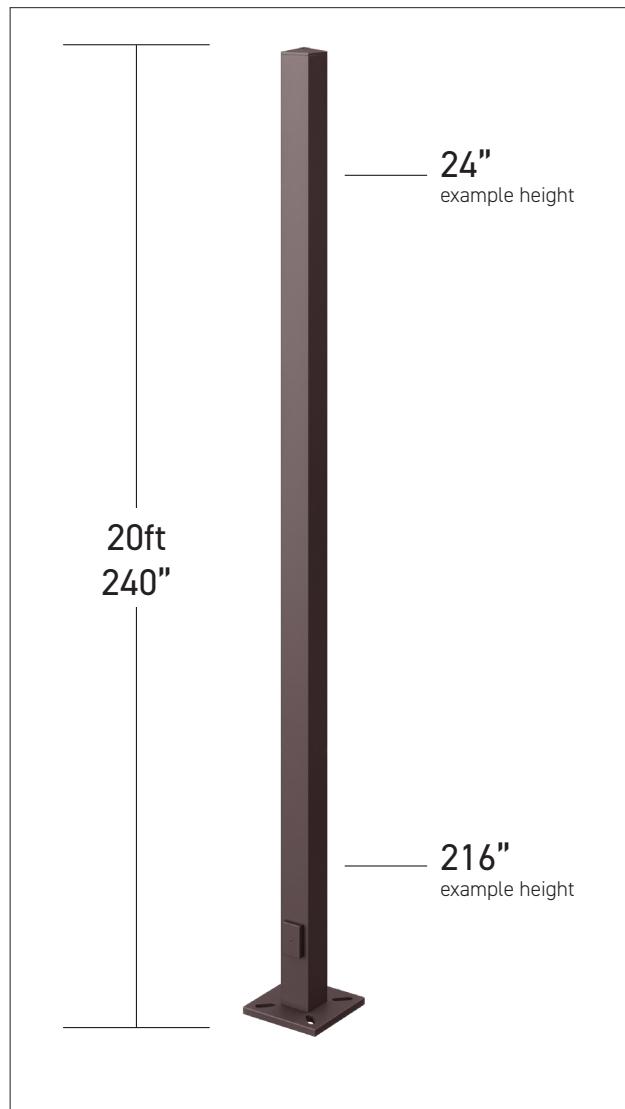
Configurator

Please fill out the chart using the above choices.

Consult our sales team for any questions or further information. Unless a custom orientation is specified at time of order, Zuma will provide standardized mounting and drilling orientations per our typical specification. Hand Hole located on Sidewalk Side.

Height Location

Specify distance in inches from top of pole for each fixture.



Option	Orientation	Height Location	Notes
ex. EYE	G	2" from the top	

