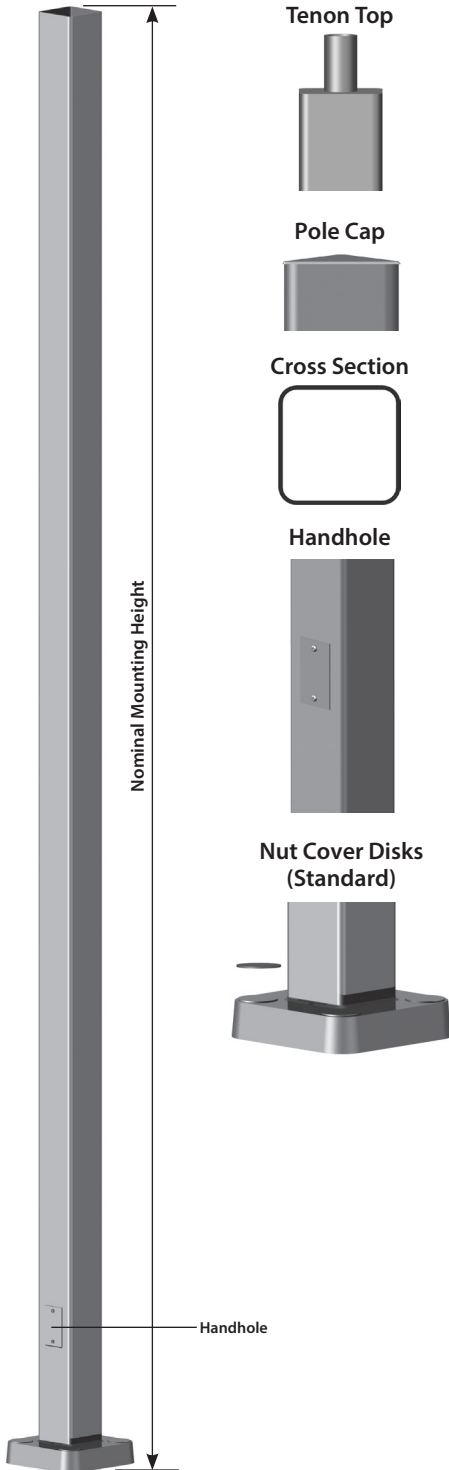


Project:
Type:
Catalog #:
Prepared by:
Date:
Notes:



Specification Features

Construction

The **pole shaft** is extruded from 6000 series alloy aluminum. A **pole top** tenon is provided for top mount luminaire and/or bracket. A removable pole cap is available for poles receiving drilling patterns for side-mount luminaire arm assemblies. A covered **handhole** with hardware and grounding provision are provided.

Mounting

The **anchor base** is cast from 356 alloy aluminum. The completed assembly is heat-treated to a T6 temper. Tamper resistant aluminum nut cover discs are included with anchor base unless otherwise specified. **Anchor bolts** conform to ASTM F1554 Grade 55 and are provided with two hex nuts and two flat washers. Bolts have an "L" bend on one end and are galvanized a minimum of 12-inch on the threaded end.

Finish

The standard finish for the pole assembly and components is satin brushed, natural anodize, duranodic or polyester powder applied coating in accordance with EYE Lighting's Specifications. Additional finish options available upon request.

Warranty

1-year Limited LED Pole Warranty to the original purchaser that the pole shall be free from defects in material and workmanship for up to one (1) years from date of shipment.

Order Guide

SAMPLE NUMBER: SSQA-812540-P2-DDB

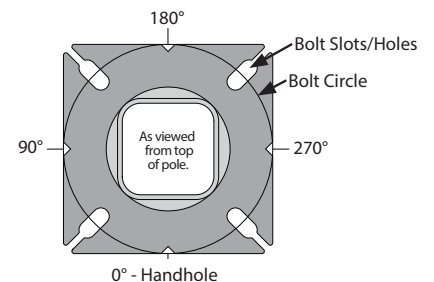
FAMILY	PART NUMBER	MOUNTING	FINISH	BASE COVER
SSQA	# = See Pole Data Chart Below	DRILLING (SEE ORIENTATION) D1 = (1) Luminaire D2 = (2) @ 180° D3 = (3) @ 120° D4 = (4) @ 90° D5 = (2) @ 90° D6 = (3) @ 90°	TENON MOUNTING P2 = 2.38" OD x 4.00" P3 = 3.50" OD x 6.00" P4 = 4.00" OD x 6.00" P5 = 2.88" OD x 4.00" P7 = 2.38" OD x 5.00" PQ = 2.38" OD x 12.00" PD = 3.00" OD x 3.00" -- = Plain Top P9 = Other Tenon	DB = Dark Bronze BK = Black WH = White NA = Natural Aluminum
				NC = Nut Cover Disks (standard)

Pole Data - Straight Square Aluminum

Part Number	POLE DIMENSIONS					WIND LOADING INFORMATION									
	Nominal Mounting Height	Wall THK (GA)	Structure Weight (lbs)	Shaft Base Square (in)	Shaft Top Square (in)	80 MPH w/1.3 GUST		90 MPH w/1.3 GUST		100 MPH w/1.3 GUST		80 MPH w/1.3 GUST		90 MPH w/1.3 GUST	
						Max EPA1 (sqft)	Max Weight (lbs)	Max EPA1 (sqft)	Max Weight (lbs)	Max EPA1 (sqft)	Max Weight (lbs)	Max EPA1 (sqft)	Max Weight (lbs)	Max EPA1 (sqft)	Max Weight (lbs)
812540	8'-0"	0.125	24	4.00	4.00	24.3	350	18.2	350	14.0	350	10.9	350	8.7	350
1012540	10'-0"	0.125	28	4.00	4.00	18.9	260	13.9	260	10.5	260	8.0	260	6.2	260
1212540	12'-0"	0.125	33	4.00	4.00	14.7	260	10.6	260	7.7	260	5.7	260	4.2	260
1412540	14'-0"	0.125	37	4.00	4.00	11.9	200	8.3	200	5.8	200	4.1	200	2.8	200
1512540	15'-0"	0.125	39	4.00	4.00	8.3	200	5.7	200	3.8	200	2.6	200	1.6	200
1612540	16'-0"	0.125	42	4.00	4.00	7.3	200	4.8	200	3.1	200	1.9	200	1.0	200
1618840	16'-0"	0.188	59	4.00	4.00	12.3	200	8.6	200	6.1	200	4.3	200	3.0	200
1812540	18'-0"	0.125	46	4.00	4.00	5.9	100	3.6	100	2.1	100	N/A	100	N/A	100
1818840	18'-0"	0.188	66	4.00	4.00	10.1	150	6.8	150	4.6	150	3.0	150	1.8	150
1818850	18'-0"	0.188	85	5.00	5.00	18.0	260	12.7	260	9.0	260	6.4	260	4.4	260
2012540	20'-0"	0.125	51	4.00	4.00	4.1	150	2.1	150	N/A	150	N/A	150	N/A	150
2018840	20'-0"	0.188	73	4.00	4.00	8.1	150	5.2	150	3.1	150	1.7	150	N/A	150
2018850	20'-0"	0.188	93	5.00	5.00	15.4	150	10.5	150	7.1	150	4.7	150	2.9	150
2018860	20'-0"	0.188	114	6.00	6.00	24.8	150	17.4	150	12.3	150	8.7	150	6	150
2025060	20'-0"	0.250	148	6.00	6.00	33.8	260	24.3	260	17.8	260	13.2	260	9.7	260
2518850	25'-0"	0.188	115	5.00	5.00	9.5	100	5.6	100	3.0	100	1.0	100	N/A	100
2518860	25'-0"	0.188	139	6.00	6.00	15.8	260	10.1	260	6.1	260	3.3	260	1.3	260
2525060	25'-0"	0.250	182	6.00	6.00	23.3	260	15.8	260	10.7	260	7.0	260	4.3	260
3025060	30'-0"	0.250	216	6.00	6.00	14.2	260	8.6	260	4.8	260	2.0	260	N/A	260
3025067	30'-0"	0.250	250	6.75	6.75	20.3	260	13	260	8.0	260	4.4	260	1.7	260
3225060	32'-0"	0.250	229	6.00	6.00	12.2	150	6.9	150	3.2	150	N/A	150	N/A	150
3525060	35'-0"	0.250	250	6.00	6.00	9.1	100	4.2	100	N/A	100	N/A	100	N/A	100
3525067	35'-0"	0.250	288	6.75	6.75	13.6	150	7.3	150	3.0	150	N/A	150	N/A	150

Anchorage Data

POLE		BASE PLATE				ANCHOR BOLTS		
Pole Base Square	Wall THK (GA)	Bolt Circle		Square (in)	THK (in)	DIA x Length x Hook (in)	Projection (in)	+/- (in)
		DIA (in)	+/- (in)					
4.00	0.125	9.00	0.50	9.94	0.375	0.75 x 17.00 x 3.00	3.13	N/A
4.00	0.188	9.00	0.50	9.94	0.375	0.75 x 17.00 x 3.00	3.13	N/A
5.00	0.188	11.00	0.50	11.56	0.500	0.75 x 17.00 x 3.00	3.25	N/A
6.00	0.188	12.50	0.44	12.75	0.563	1.00 x 36.00 x 4.00	4.00	N/A
6.00	0.250	12.50	0.44	12.75	0.563	1.00 x 36.00 x 4.00	4.00	N/A
6.75	0.250	14.63	0.5	15.13	0.75	1.00 x 36.00 x 4.00	4.25	N/A



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Product specifications subject to change or product may be discontinued without notice. Data shown is typical and based on laboratory conditions. Actual performance in specific applications may vary.

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