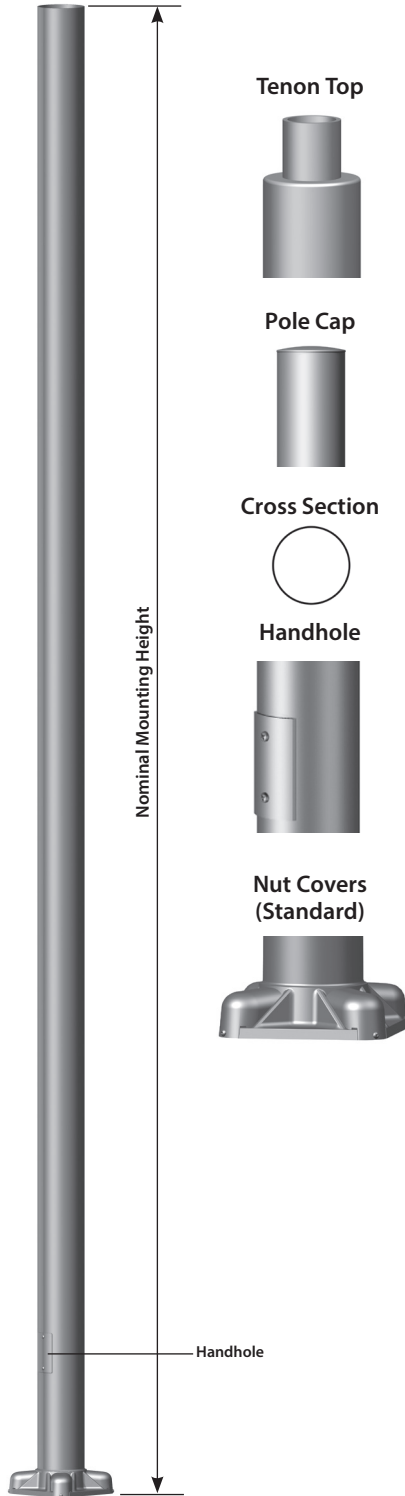


Project:
Type:
Catalog #:
Prepared by:
Date:
Notes:



## Specification Features

### Construction

The **pole shaft** is extruded from seamless 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. Aluminum nut covers 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: SRDA-1612540-P2-DDB

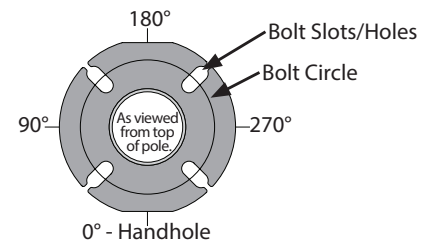
FAMILY	PART NUMBER	MOUNTING	FINISH	BASE COVER
SRDA	# = See Pole Data Chart Below	<b>DRILLING (SEE ORIENTATION)</b> <b>D1</b> = (1) Luminaire <b>D2</b> = (2) @ 180° <b>D3</b> = (3) @ 120° <b>D4</b> = (4) @ 90° <b>D5</b> = (2) @ 90° <b>D6</b> = (3) @ 90°	<b>TENON MOUNTING</b> <b>P2</b> = 2.38" OD x 4.00"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

**Pole Data - Straight Round 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)
1612540	16'-0"	0.125	33	4.00	4.00	3.2	100	1.9	100	1.0	100	0.5	100	0.2	100
1612545	16'-0"	0.125	37	4.50	4.50	5.1	100	3.3	100	2.2	100	1.6	100	1.2	100
1618845	16'-0"	0.188	53	4.50	4.50	8.7	100	6.0	100	4.3	100	3.4	100	2.6	100
1612550	16'-0"	0.125	41	5.00	5.00	7.4	100	5.1	100	3.8	100	3.0	100	2.3	100
1615650	16'-0"	0.156	50	5.00	5.00	9.8	100	6.9	100	5.3	100	4.1	100	3.3	100
1618850	16'-0"	0.188	58	5.00	5.00	12.2	100	8.7	100	6.7	100	5.3	100	4.2	100
1615660	16'-0"	0.156	59	6.00	6.00	17.9	100	13.5	100	10.5	100	8.3	100	6.8	100
1618860	16'-0"	0.188	70	6.00	6.00	21.9	100	16.5	100	12.8	100	10.3	100	8.4	100
1818845	18'-0"	0.188	59	4.50	4.50	6.7	100	4.5	100	3.1	100	2.3	100	1.8	100
1812550	18'-0"	0.125	45	5.00	5.00	5.6	100	3.7	100	2.7	100	2.0	100	1.5	100
1815650	18'-0"	0.156	55	5.00	5.00	7.7	100	5.2	100	3.9	100	3.0	100	2.3	100
1818850	18'-0"	0.188	65	5.00	5.00	9.7	100	6.8	100	5.1	100	4.0	100	3.1	100
1818860	18'-0"	0.188	78	6.00	6.00	18.0	100	13.5	100	10.5	100	8.3	100	6.7	100
2018845	20'-0"	0.188	64	4.50	4.50	5.1	100	3.2	100	2.0	100	1.4	100	1.0	100
2012550	20'-0"	0.125	50	5.00	5.00	4.1	100	2.4	100	1.7	100	1.2	100	0.8	100
2015650	20'-0"	0.156	61	5.00	5.00	5.9	100	3.8	100	2.8	100	2.0	100	1.5	100
2018850	20'-0"	0.188	72	5.00	5.00	7.6	100	5.2	100	3.8	100	2.9	100	2.2	100
2015660	20'-0"	0.156	73	6.00	6.00	11.9	100	8.8	100	6.7	100	5.3	100	4.2	100
2018860	20'-0"	0.188	86	6.00	6.00	14.9	100	11.1	100	8.5	100	6.7	100	5.4	100
2518845	25'-0"	0.188	79	4.50	4.50	2.1	100	0.1	100	0.0	100	0.0	100	0.0	100
2515660	25'-0"	0.156	90	6.00	6.00	6.9	100	4.9	100	3.6	100	2.7	100	2.0	100
2518860	25'-0"	0.188	106	6.00	6.00	9.1	100	6.6	100	4.9	100	3.8	100	2.9	100
3018860	30'-0"	0.188	127	6.00	6.00	5.0	100	3.4	100	2.3	100	1.6	100	1.1	100

**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	7.50	0.75	8.91	0.630	0.75 x 17.00 x 3.00	3.25	N/A
4.50	0.125	7.84	0.78	9.26	0.630	0.75 x 17.00 x 3.00	3.25	N/A
4.50	0.188	7.84	0.78	9.26	0.630	0.75 x 17.00 x 3.00	3.25	N/A
5.00	0.125	8.63	0.88	9.61	0.630	0.75 x 17.00 x 3.00	3.25	N/A
5.00	0.156	8.63	0.88	9.61	0.630	0.75 x 17.00 x 3.00	3.25	N/A
5.00	0.188	8.63	0.88	9.61	0.630	0.75 x 17.00 x 3.00	3.25	N/A
6.00	0.156	9.50	0.75	10.32	0.630	0.75 x 17.00 x 3.00	3.50	N/A
6.00	0.188	9.50	0.75	10.32	0.630	0.75 x 17.00 x 3.00	3.50	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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