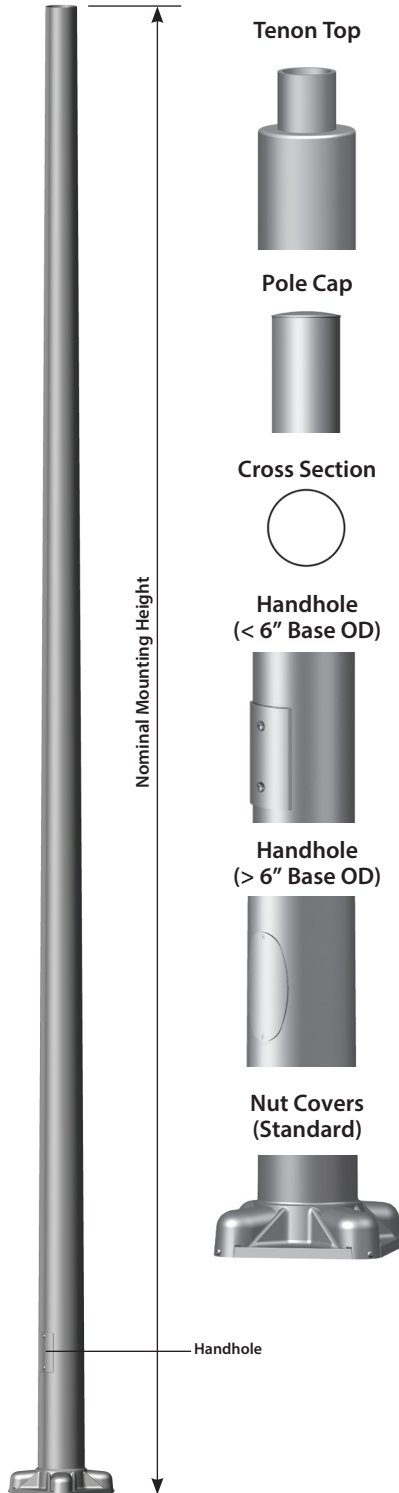


## Aluminum Poles Tapered Round, 18'-25'

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



### Specification Features

#### Construction

The **pole shaft** is spun 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: TRDA-1812550-P2-DDB

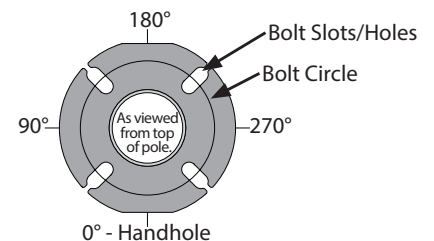
FAMILY	PART NUMBER	MOUNTING	FINISH	BASE COVER
TRDA	# = See Pole Data Chart Below	<b>DRILLING (SEE ORIENTATION)</b> <b>D1</b> = (1) Luminaire <b>D2</b> = (2) @ 180° <b>D3</b> = (3) @ 120° <b>D4</b> = (4) @ 90° <b>D5</b> = (2) @ 90° <b>D6</b> = (3) @ 90°	<b>TENON MOUNTING</b> <b>P2</b> = 2.38" OD x 4.00" <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" PD = 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 - Tapered Round Aluminum (18' - 25')**

Part Number	POLE DIMENSIONS					WIND LOADING INFORMATION									
	Nominal Mounting Height	Wall THK (GA)	Structure Weight (lbs)	Shaft Base Square (in)	Shaft Top Square (in)	70 MPH w/1.3 GUST		80 MPH w/1.3 GUST		90 MPH w/1.3 GUST		100 MPH w/1.3 GUST		110 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)
1812550	18'-0"	0.125	40	5.00	3.00	6.5	100	4.4	100	3.1	100	2.2	100	1.5	100
1815650	18'-0"	0.156	48	5.00	3.00	8.6	100	6.0	100	4.3	100	3.2	100	2.4	100
1818850	18'-0"	0.188	56	5.00	3.00	10.7	100	7.6	100	5.6	100	4.2	100	3.2	100
1815660	18'-0"	0.156	59	6.00	4.00	15.4	100	11.3	100	8.6	100	6.8	100	5.5	100
1818860	18'-0"	0.188	70	6.00	4.00	18.9	100	14.0	100	10.7	100	8.5	100	6.9	100
1815670	18'-0"	0.156	66	7.00	4.00	24.2	150	17.9	150	13.8	150	10.9	150	8.9	150
2012550	20'-0"	0.125	42	5.00	3.00	5.1	100	3.3	100	2.1	100	1.3	100	0.8	100
2015650	20'-0"	0.156	51	5.00	3.00	7.0	100	4.7	100	3.2	100	2.2	100	1.5	100
2018850	20'-0"	0.188	60	5.00	3.00	8.8	100	6.1	100	4.3	100	3.1	100	2.3	100
2015660	20'-0"	0.156	63	6.00	4.00	12.7	100	9.1	100	6.8	100	5.3	100	4.2	100
2018860	20'-0"	0.188	74	6.00	4.00	15.8	100	11.4	100	8.6	100	6.8	100	5.4	100
2015670	20'-0"	0.156	73	7.00	4.00	20.5	150	15.1	150	11.5	150	9.0	150	7.3	150
2315660	23'-0"	0.156	68	6.00	4.00	9.5	100	6.5	100	4.6	100	3.4	100	2.7	100
2318860	23'-0"	0.188	80	6.00	4.00	12.1	100	8.5	100	6.2	100	4.7	100	3.7	100
2315670	23'-0"	0.156	77	7.00	4.00	16.0	150	11.5	150	8.6	150	6.6	150	5.3	150
2315680	23'-0"	0.156	87	8.00	4.50	22.4	150	16.5	150	12.7	150	10.0	150	8.1	150
2318880	23'-0"	0.188	102	8.00	4.50	27.7	150	20.6	150	15.9	150	12.6	150	10.2	150
2315690	23'-0"	0.156	97	9.00	4.50	29.9	150	22.3	150	17.3	150	13.7	150	11.1	150
2515660	25'-0"	0.156	74	6.00	4.00	7.8	100	5.1	100	3.5	100	2.5	100	1.9	100
2518860	25'-0"	0.188	88	6.00	4.00	10.0	100	6.9	100	4.8	100	3.6	100	2.8	100
2515670	25'-0"	0.156	85	7.00	4.00	13.6	150	9.6	150	7.0	150	5.3	150	4.2	150
2515680	25'-0"	0.156	96	8.00	4.50	19.4	150	14.2	150	10.8	150	8.5	150	6.8	150
2518880	25'-0"	0.188	113	8.00	4.50	24.2	150	17.8	150	13.7	150	10.8	150	8.7	150
2515690	25'-0"	0.156	107	9.00	4.50	26.2	150	19.4	150	15.0	150	11.8	150	9.5	150

**Anchorage Data (18' - 25')**

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)
DIA (in)			+/- (in)					
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
7.00	0.156	10.56	0.43	11.26	0.750	1.00 x 36.00 x 4.00	4.13	N/A
8.00	0.156	11.63	0.37	12.05	0.750	1.00 x 36.00 x 4.00	4.13	N/A
8.00	0.188	11.63	0.37	12.05	0.750	1.00 x 36.00 x 4.00	4.13	N/A
9.00	0.156	13.25	0.75	12.48	1.250	1.00 x 36.00 x 4.00	4.13	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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