

FEATURES & SPECIFICATIONS

INTENDED USE — Round tapered aluminum general purpose pole for up to 30 foot mounting heights.

CONSTRUCTION — Spun-tapered seamless 6063 alloy aluminum tubing, heat-treated to produce a T6 temper. Circumferential satin-brushed finish. The shaft is cone-tapered to the butt diameter.

Anchor base: Cast from A356 alloy aluminum, the anchor base is heat-treated to a T6 condition. The anchor base telescopes the pole shaft and is circumferentially welded at both the top and the bottom.

Hand hole: A nominal 3" x 5" or 4" x 6" reinforced flush-covered handhole is centered 18" above the base.

Hardware: Stainless steel.

Top cap: Removable top cap provided with all drill-mount poles.

Bolt covers: A356 nut covers are included with anchor base unless otherwise specified. 3RTA poles include spun aluminum base cover.

Finish: Must specify finish.

Grounding: Provision located inside hand hole rim. Grounding hardware is not included (provided by others).

Anchor bolts: Top portion of anchor bolt is galvanized per ASTM A-153. Made of steel rod having a minimum yield strength of 55,000 psi.

Note: Specifications subject to change without notice.

Catalog Number
Notes
Type



Anchor Base Poles

RTA

**ROUND TAPERED ALUMINUM
FLORIDA RATINGS**

ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

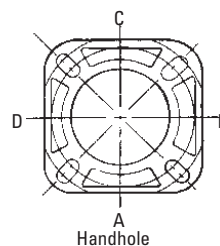
Example: RTA 25 6E DM19 BA

RTA					
Series	Nominal fixture mounting height	Nominal shaft base size/wall thickness	Mounting ¹	Options	Finish ¹¹
RTA	20 – 50 feet (See back page.)	(See back page.)	Tenon mounting PT Open top T20 2-3/8" O.D. (2" NPS) T25 2-7/8" O.D. (2-1/2" NPS) T30 3-1/2" O.D. (3" NPS)² T35 4" O.D. (3-1/2" NPS)^{2,3} Drill mounting⁴ DM19 1 at 90° DM28 2 at 180° DM28PL 2 at 180° with one side plugged DM29 2 at 90° DM32 2 at 120° DM39 3 at 90° DM49 4 at 90° CSX/DSX/AERIS™/OMERO™ Drill mounting⁴ DM19AS 1 at 90° DM28AS 2 at 180° DM29AS 2 at 90° DM32AS 3 at 120° DM39AS 3 at 90° DM49AS 4 at 90° AERIS™ Suspend drill mounting^{4,8} DMxxAST_ 1 at 90° OMERO™ Suspend drill mounting^{4,8} DMxxMRT_ 1 at 90°	Shipped installed L/AB Less anchor bolts FBC Full base cover VD Vibration damper TP Tamper proof H1-18Axx Horizontal arm bracket (1 fixture)^{5,6} FDLxx Festoon outlet less electrical⁵ CPL12xx 1/2" coupling⁵ CPL34xx 3/4" coupling⁵ CPL1xx 1" coupling⁵ NPL12xx 1/2" threaded nipple⁵ NPL34xx 3/4" threaded nipple⁵ NPL1xx 1" threaded nipple⁵ EHHxx Extra handhole^{5,7} MAEX Match existing⁹ USPOM United States point of manufacture¹⁰	Standard colors DDB Dark bronze DWH White DBL Black DMB Medium bronze DNA Natural aluminum BA Brushed aluminum Classic colors DSS Sandstone DGC Charcoal gray DTG Tennis green DBR Bright red DSB Steel blue Class 1 architectural anodized ABL Black ADB Dark bronze ANA Natural Architectural colors (powder finish)¹¹

NOTES:

- When ordering tenon mounting and drill mounting for the same pole, follow this example: DM28/T20. The combination includes a required extra handhole.
- N/A with 4C, 5C, 5E and 5G because pole top is too small.
- N/A with 6E, 6G and 7E because pole top is too small.
- The drilling template to be used for a particular luminaire depends on the luminaire that is used. Refer to the Technical Data Section on www.lithonia.com for Drilling Templates.
- Specify location and orientation when ordering option. For 1st x specify the height in feet above base of pole. Example: 5ft = 5 and 20ft = 20
For 2nd x, specify orientation from handhole (A,B,C,D)
Refer to the Handhole Orientation diagram on page S77 in PSG9.
- Horizontal arm is 18" x 2-3/8" O.D. standard.
- Combination of tenon-top and drill mount includes extra handhole.
- Insert "1" or "2" to designate fixture size; e.g. DM19AST2.
- Must add original order number.
- Use when mill certifications are required.
- Finish must be specified. Additional colors available; see www.lithonia.com/archcolors or Architectural Colors brochure (Form No. 794.3).

HANDHOLE ORIENTATION



IMPORTANT INSTALLATION NOTES:

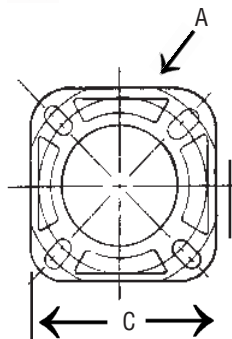
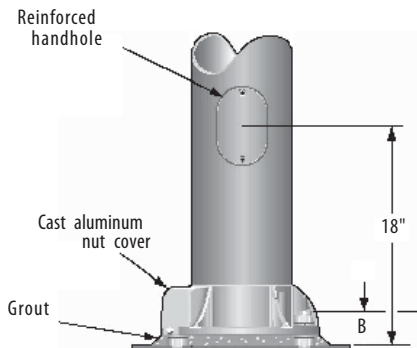
- Do not erect poles without having fixtures installed.
- Factory-supplied templates must be used when setting anchor bolts. Lithonia Lighting will not accept claim for incorrect anchorage placement due to failure to use factory template.
- If poles are stored outside, all protective wrapping must be removed immediately upon delivery to prevent finish damage.
- Lithonia Lighting is not responsible for the foundation design.

RTA-FLA Round Tapered Aluminum Poles

TECHNICAL INFORMATION

				EPA (ft2)								
				1.3 gust		Max 3 sec. gust						
Catalog Number	Nominal mount ht. (ft)	Pole Shaft Size (in x ft)	Wall Thick (in)	100 mph	Max. weight	130 mph	Max. weight (lbs)	150 mph	Max. weight (lbs)	Bolt Circle (in)	Bolt Size (in. x in. x in.)	Approximate ship weight (lbs.)
RTA 20 5C	20	5 x 3 x 19.8"	0.125	1.60	100	1.20	100	0.0	0	7.5 - 9.5	.75 x 18 x 3	62
RTA 20 5G	20	5 x 3 x 19.8"	0.188	3.80	100	3.10	100	2.0	100	7.5 - 9.5	.75 x 18 x 3	72
RTA 20 6G	20	6 x 4 x 19.8"	0.188	7.22	214	6.10	100	4.3	100	9 - 10	.75 x 30 x 3	107
RTA 20 7E	20	7 x 4 x 19.8"	0.156	9.00	256	7.50	100	5.3	100	9.875 - 11.25	1 x 36 x 4	103
RTA 25 6E	25	6 x 4 x 24.8"	0.156	2.60	114	1.80	200	1.0	200	9 - 10	.75 x 30 x 3	106
RTA 25 7E	25	7 x 4 x 24.8"	0.156	5.40	162	4.10	200	2.8	200	9.875 - 11.25	1 x 36 x 4	120
RTA 25 8E	25	8 x 4.5 x 24.8"	0.156	8.50	220	6.80	200	4.8	200	11 - 12	1 x 36 x 4	130
RTA 25 8G	25	8 x 4.5 x 24.8"	0.188	10.90	261	8.80	200	6.2	200	11 - 12	1 x 36 x 4	153
RTA 30 7E	30	7 x 4 x 29.8"	0.156	2.70	111	1.70	200	0.8	200	9.875 - 11.25	1 x 36 x 4	135
RTA 30 8E	30	8 x 4.5 x 29.8"	0.156	5.30	151	4.00	200	2.6	200	11 - 12	1 x 36 x 4	150
RTA 30 8G	30	8 x 4.5 x 29.8"	0.188	7.30	9	5.60	200	3.7	200	11 - 12	1 x 36 x 4	175
RTA 30 10G	30	10 x 6 x 29.8"	0.188	14.30	377	11.40	225	7.7	225	14 - 15	1 x 40 x 4	235
RTA 35 8E	35	8 x 4.5 x 34.8"	0.156	2.90	119	1.80	225	0.8	225	11 - 12	1 x 36 x 4	185
RTA 35 8G	35	8 x 4.5 x 34.8"	0.188	4.50	141	3.20	225	1.9	225	11 - 12	1 x 36 x 4	220
RTA 35 8J	35	8 x 4.5 x 34.8"	0.250	7.50	183	5.70	225	3.8	225	11 - 12	1 x 36 x 4	251
RTA 35 10G	35	10 x 6 x 34.8"	0.188	10.40	295	7.90	225	5.1	225	14 - 15	1 x 40 x 4	268
RTA 39 8G	39	8 x 4.5 x 38.8"	0.188	2.70	122	1.60	225	0.6	225	11 - 12	1 x 36 x 4	250
RTA 39 8J	39	8 x 4.5 x 38.8"	0.250	5.40	158	3.80	225	2.3	225	11 - 12	1 x 36 x 4	280
RTA 39 10G	39	10 x 6 x 38.8"	0.188	7.80	253	6.00	225	3.6	225	14 - 15	1 x 40 x 4	295
RTA 39 10J	39	10 x 6 x 38.8"	0.250	11.90	300	9.60	225	6.2	225	14 - 15	1.25 x 48 x 5	373
RTA 50 10J	50	10 x 6 x 49.8"	0.250	6.50	300	4.000	225	1.8	225	14 - 15	1.25 x 48 x 6	395

BASE DETAIL



POLE DATA

Shaft base size	Bolt circle A	Bolt projection B	Base square C	TAnchor bolt description	Warehouse Anchor description	Template number
5"	7.5"-9.5"	3.25"	9.25"	ABRTA-5	AB18-0	PJ50032
6"	9"-10"	3.50"	10"	ABRTA-6	AB30-0	PJ50033
7"	9.875"-11.25	4.125"	10.5"	ABRTA-7	AB36-0	PJ50034
8"	11"-12"	4.25"	11.5"	ABRTA-8	AB36-0	PJ50035
10" G	14"-15"	4.50"	14.5"	ABRTA-10G	n/a	PJ50036
10" J	14"-15"	5"	14.5"	ABRTA-10J	n/a	PJ50063

IMPORTANT:

These specifications are intended for general purposes only. Lithonia reserves the right to change material or design, without prior notice, in a continuing effort to upgrade its products.