



New Surface Parking Lot

11/22/2017

ADDENDUM #4

The following items are issued as part of this Addendum:

1. The project bid date has been pushed to November 30th at 3pm.
2. Please see the below answers to additional RFIs received. TCMC decided to accept these RFIs after the deadline because they are important for a clear scope of work and the most accurate bids:

Kitchell RFIs:

RFI #30 - Sheet EO1 dated 11-03-2017 provides a light pole base detail. General note 2 and flag note 3 reference concrete light pole design/dimensions by structural engineer. RFI #14 response advises the bidder to reference structural drawings. a) Please provide the structural drawings for a pole base 5' AG with a 20' pole height to achieve the desired 25' pole height. b) Please provide a concrete pole material i.e. steel or concrete. c) Please provide a light pole diagram describing the pole base diameter and confirm the overall pole length. d) Please provide the overall length of the pole reinforced concrete base indicate dimension above and below grade, indicate the dimension of anchor bolts, and deformed reinforcing.

ANSWER:

A: We are unable to get a detail out at this time but here are the specifications for the foundation. The pole foundation should be 24-inch diameter x 72-inch high (embedment in soil to be 66 inches and the remaining 6" to stick out of the ground), reinforced with (8) - #8 vertical and #3 circular ties at 12 inches on center, with 3 ties within the top 6 inches of the pier. The anchor bolts should be minimum (4) – 1-inch diameter with 36 inches embedment. Consider 3000 psi concrete.

B: Please refer to attached cut sheet for light pole specification

C: Please refer to attached cut sheet for pole selection.

D: Refer to response in A

RFI #31 – Addendum 3 Landscape drawings contain two sheets labeled L2.06 additionally, sheet L2.05 is missing from the set. Please clarify sheet numbering is to include sheet L2.05.



ANSWER: Refer to updated sheets L-2.05 and L-2.06

RFI #32 - The Geotechnical Report page 50 note GB-6 appears to be missing GB-6 boring log data pertaining to the south end of the new parking lot. Per the boring legend it appears that information related to GB-6 is derived from B-6 data referenced in the 2006 Geotechnical Report. Please clarify the intent of the “addenda” Geotechnical Report and the purpose of GB-6 and/or B-6.

ANSWER: The GB-6 boring location was obtained from a previous report prepared by Leighton and Associates and the log for B-6 (GB-6) was not included in that report and we do not have access to that information. Therefore the information obtained in nearby borings GB-5 and B-38 should be utilized for this area of the site.

FEATURES & SPECIFICATIONS

INTENDED USE — Round Tapered Aluminum is a general purpose light pole for up to 50-foot mounting heights. This pole provides a lighter and naturally corrosion-resistant option for mounting area light fixtures and floodlights.

CONSTRUCTION — **Pole Shaft:** The pole shaft is of uniform wall thickness and is one-piece extruded 6063 aluminum alloy with T6 temper. The shaft is cone-tapered. Available shaft diameters are 4", 5", 6", 7", 8", and 10".

Pole Top: Options include tenon top, drilled for side mount fixture, tenon with drilling (includes extra handhole) and open top. A cast aluminum top cap is provided for all poles that will receive drilling patterns for side-mount luminaire arm assemblies or when ordered with open top (PT) option. The top cap resists intrusion of moisture and environmental contaminants.

Handhole: 4" - 6" RTA poles and 4" and 5" 3RTA poles have non-reinforced 2" x 4" handhole with overlap cover. 7" - 10" RTA poles have reinforced 4" x 6" handhole with flush surface covers. 4" - 5" RTA and 3RTA poles have handhole located 12" above base. 6" - 10" RTA poles handhole located 18" above base. Poles with non-reinforced handhole have supplemental ground lug with tapped hole for 3/8-16 ground bolt welded inside pole opposite handhole. Poles with reinforced handhole have 5/16-18 tapped hole in handhole reinforcement adjacent to opening. Positioning the handhole lower than standard may not be possible and requires engineering review; consult Tech Support-Outdoor for further information.

Bolt Caps/Base Cover: Pole base plate for RTA poles utilizes cast aluminum A365 bolt caps to cover anchor bolt and nut assembly (included). Spun aluminum covers available as an option. The 3RTA poles include one-piece spun aluminum base cover as standard component.

Anchor Base/Bolts: Anchor base is cast from 356 alloy aluminum and is heat treated to a T6 temper after welding. Anchor bolts are manufactured to ASTM F1554 Standards Grade 55, (55 KSI minimum yield strength and tensile strength of 75-95 KSI). Upper portion of anchor bolt is galvanized per ASTM A-153; bolts have an "L" bend on bottom end and are galvanized a minimum of 12" on the threaded end. Each hot-dipped galvanized anchor bolt is furnished with two hex nuts and two flat washers.

HARDWARE — All structural and non-structural fasteners are stainless-steel.

FINISH — Painted finish is coated with polyester powder that meets 5A and 5B classifications of ASTM D3359. Standard powder-coat finishes include Dark Bronze, White, Black, Medium Bronze and Natural Aluminum colors. Classic finishes include Sandstone, Charcoal Gray, Tennis Green, Bright Red and Steel Blue colors. Other finishes include Brushed Aluminum, and Anodized Dark Bronze, Anodized Natural Aluminum and Anodized Black. Architectural Colors and Special Finishes are available by quote and include, but are not limited to RAL Colors, Custom Colors and Extended Warranty Finishes. Factory-applied primer paint finish is available for customer field-paint applications.

WARRANTY — 1-year limited warranty. Complete warranty terms located at:

www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

NOTE: Actual performance may differ as a result of end-user environment and application. Specifications subject to change without notice.

Catalog Number
Notes
Type



Anchor Base Poles

RTA/3RTA

ROUND TAPERED ALUMINUM
3-BOLT ROUND TAPERED ALUMINUM

RTA Round Tapered Aluminum Poles

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 ¹	Mounting ¹	Options	Finish ¹⁰
RTA 3RTA	(See technical information table for complete ordering information.) 8'-50' (for 1/2 ft increments, add -6 to the pole height. Ex: 20-6 equals 20ft 6in.)	(See technical information table for complete ordering information.) 4C 4" (.125") 5C 5" (.125") 5E 5" (.156") 5G 5" (.188") 6E 6" (.156") 6G 6" (.188") 7E 7" (.156") 8E 8" (.156") 8G 8" (.188") 8J 8" (.250") 9E 9" (.156") 9G 9" (.188") 10G 10" (.188") 10J 10" (.250")	<u>Tenon mounting</u> 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 <u>KAC/KAD/KSE/KSF/KVR/KVF Drill mounting³</u> DM19 1 at 90° DM28 2 at 180° DM28PL 2 at 180° with one side plugged DM29 2 at 90° DM32 3 at 120° DM39 3 at 90° DM49 4 at 90° <u>CSX/DSX/AERIS™/OMERO™/HLA/KAX Drill mounting³</u> DM19AS 1 at 90° DM28AS 2 at 180° DM29AS 2 at 90° DM32AS 3 at 120° DM39AS 3 at 90° DM49AS 4 at 90° <u>AERIS™ Suspend drill mounting^{3,4}</u> DM19AST_ 1 at 90° DM28AST_ 2 at 180° DM29AST_ 2 at 90° DM39AST_ 3 at 90° DM49AST_ 4 at 90° <u>OMERO™ Suspend drill mounting^{3,4}</u> DM19MRT_ 1 at 90° DM28MRT_ 2 at 180° DM29MRT_ 2 at 90° DM39MRT_ 3 at 90° DM49MRT_ 4 at 90°	<u>Shipped installed</u> L/AB Less anchor bolts (Include when anchor bolts are not needed) VD Vibration damper TP Tamper resistant handhole cover fasteners HAXy Horizontal arm bracket (1 fixture) ^{5,6} FDLxy Festoon outlet less electrical ⁵ CPL12/xy 1/2" coupling ⁵ CPL34/xy 3/4" coupling ⁵ CPL1/xy 1" coupling ⁵ NPL12/xy 1/2" threaded nipple ⁵ NPL34/xy 3/4" threaded nipple ⁵ NPL1/xy 1" threaded nipple ⁵ EHHxy Extra handhole ^{5,7} MAEX Match existing ⁸ USPOM United States point of manufacture ⁹ UL UL listed with label (Includes NEC compliant cover) NEC NEC 410.30 compliant gasketed handhole (Not UL Labeled) <u>Shipped separately (replacement kit available)</u> (blank) BLTC Bolt caps FBC Full base cover (spun aluminum) (blank) TC Top cap (with drill-mount poles) (blank) HHC Handhole cover	<u>Standard colors</u> DDB Dark bronze DWH White DBL Black DMB Medium bronze DNA Natural aluminum BA Brushed aluminum <u>Classic colors</u> DSS Sandstone DGC Charcoal gray DTG Tennis green DBR Bright red DSB Steel blue <u>Class 1 architectural anodized</u> ABL Black ADB Dark bronze ANA Natural <u>Architectural Colors and Special Finishes¹⁰</u> Duranodic Anodize, Paint over Duranodic Anodize, RAL Colors, Custom Colors and Extended Warranty Finishes available.

NOTES:

- Wall thickness will be signified with a "C", "E", "G" or a "J" in nomenclature.
"C" - 0.125 | "E" - 0.156 | "G" - 0.188 | "J" - 0.250.
- PT open top poles include top cap. When ordering tenon mounting and drill mounting for the same pole, follow this example: DM28/T20. The combination includes a required extra handhole.
- Refer to the fixture spec sheet for the correct drilling template pattern and orientation compatibility.
- Insert "1" or "2" to designate fixture size; e.g. DM19AST2.
- Specify location and orientation when ordering option.
For "x": Specify the height above the base of pole in feet or feet and inches; separate feet and inches with a "-".
Example: 5ft = 5 and 20ft 3in = 20-3
For "y": Specify orientation from handhole
(A,B,C,D) Refer to the Handhole Orientation diagram below.
Example: 1/2" coupling at 5' 8"; orientation C = CPL12/5-8C
- Horizontal arm is 18" x 2-3/8" O.D. tenon standard with radius curve providing 12' rise.
- Combination of tenon-top and drill mount includes extra handhole.
- Must add original order number of existing pole(s).
- Use when mill certifications are required.
- Additional colors available; see www.lithonia.com/archcolors or Architectural Colors brochure (Form No. 794.3). Available by formal quote only, consult factory for details.

RTA Round Tapered Aluminum Poles

TECHNICAL INFORMATION — EPA (ft ²) WITH 3-SECOND GUST PER AASHTO 2013																
Series	Mounting Height (ft)*	Shaft Base Size	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
RTA	8	4C	7.7	75	6.1	75	4.9	75	4	75	3.3	75	2.8	75	2.4	75
RTA	10	4C	5.9	75	4.6	75	3.6	75	2.9	75	2.3	75	1.9	75	1.6	75
RTA	10	5C	11.5	75	9.1	75	7.3	75	6	75	5	75	4.2	75	3.6	75
RTA	12	4C	4.5	75	3.4	75	2.6	75	2	75	1.5	75	1.2	75	0.9	75
RTA	12	5C	9.2	75	7.2	75	5.7	75	4.6	75	3.8	75	3.2	75	2.7	75
RTA	12	5E	11.6	75	9.2	75	7.4	75	6	75	5	75	4.2	75	3.6	75
RTA	12	5G	14	100	11.1	100	8.9	100	7.3	100	6.1	100	5.1	100	4.4	100
RTA	14	4C	3.4	75	2.5	75	1.8	75	1.2	75	0.8	75	0.5	75	-	75
RTA	14	5C	7.5	75	5.7	75	4.4	75	3.5	75	2.8	75	2.3	75	1.9	75
RTA	14	5E	9.6	75	7.4	75	5.9	75	4.7	75	3.8	75	3.2	75	2.7	75
RTA	14	5G	11.6	100	9	100	7.2	100	5.8	100	4.8	100	4	100	3.4	100
RTA	16	4C	2.5	75	1.6	75	1	75	0.6	75	-	75	-	75	-	75
RTA	16	5C	6	75	4.4	75	3.3	75	2.6	75	2	75	1.6	75	1.2	75
RTA	16	5E	7.8	75	5.9	75	4.6	75	3.6	75	2.9	75	2.3	75	1.9	75
RTA	16	5G	9.6	100	7.3	100	5.8	100	4.6	100	3.7	100	3	100	2.5	100
RTA	16	6E	13.7	100	10.8	100	8.7	100	7.1	100	6	100	5.1	100	4.3	100
RTA	16	6G	16.8	100	13.2	100	10.7	100	8.8	100	7.4	100	6.3	100	5.4	100
RTA	18	5C	4.6	75	3.3	75	2.4	75	1.7	75	1.2	75	0.9	75	0.6	75
RTA	18	5E	6.3	75	4.6	75	3.5	75	2.6	75	2	75	1.5	75	1.2	75
RTA	18	5G	7.8	100	5.8	100	4.5	100	3.5	100	2.7	100	2.2	100	1.8	100
RTA	18	6E	11.3	100	8.8	100	7	100	5.7	100	4.7	100	4	100	3.4	100
RTA	18	6G	13.9	100	10.9	100	8.8	100	7.2	100	6	100	5.1	100	4.3	100
RTA	18	7E	18	150	14.2	150	11.4	150	9.4	150	7.9	150	6.7	150	5.7	150
RTA	20	5C	3.5	75	2.4	75	1.6	75	1	75	0.6	75	-	75	-	75
RTA	20	5E	5	75	3.5	75	2.5	75	1.8	75	1.3	75	0.9	75	-	75
RTA	20	5G	6.3	100	4.6	100	3.4	100	2.5	100	1.9	100	1.4	100	1.1	100
RTA	20	6E	9.3	100	7.1	100	5.5	100	4.5	100	3.7	100	3.1	100	2.6	100
RTA	20	6G	11.6	100	9	100	7.1	100	5.8	100	4.8	100	4	100	3.4	100
RTA	20	7E	15.3	150	12	150	9.6	150	7.8	150	6.5	150	5.5	150	4.7	150
RTA	23	6E	6.9	100	5	100	3.7	100	2.9	100	2.3	100	1.9	100	1.5	100
RTA	23	6G	8.9	100	6.6	100	5.1	100	4	100	3.3	100	2.7	100	2.2	100
RTA	23	7E	12	150	9.2	150	7.2	150	5.8	150	4.8	150	4	150	3.3	150
RTA	23	8E	17.1	150	13.4	150	10.8	150	8.9	150	7.4	150	6.2	150	5.3	150
RTA	23	8G	21.3	150	16.8	150	13.6	150	11.3	150	9.4	150	8	150	6.8	150
RTA	23	9E	23.2	150	18.3	150	14.9	150	12.9	150	10.3	150	8.6	150	7.9	150
RTA	25	6E	5.5	100	3.8	100	2.7	100	2	100	1.5	100	1.2	100	0.9	100
RTA	25	6G	7.3	100	5.3	100	3.9	100	3	100	2.4	100	1.9	100	1.6	100
RTA	25	7E	10.1	150	7.6	150	5.8	150	4.6	150	3.7	150	3.1	150	2.5	150
RTA	25	8E	14.7	150	11.4	150	9.1	150	7.5	150	6.2	150	5.1	150	4.3	150
RTA	25	8G	18.6	150	14.5	150	11.7	150	9.6	150	8	150	6.7	150	5.7	150
RTA	25	9E	20.3	150	16	150	12.9	150	10.6	150	8.8	150	7.4	150	6.2	150
RTA	28	7E	7.7	150	5.6	150	4.2	150	3.2	150	2.5	150	2	150	1.6	150
RTA	28	8E	11.8	150	9	150	7.1	150	5.8	150	4.7	150	3.8	150	3.2	150
RTA	28	8G	15.1	150	11.7	150	9.4	150	7.6	150	6.3	150	5.2	150	4.4	150
RTA	28	8J	21.4	150	16.8	150	13.6	150	11.2	150	9.3	150	7.8	150	6.6	150
RTA	28	9E	16.7	150	13	150	10.4	150	8.5	150	7	150	5.8	150	4.8	150
RTA	28	9G	21	150	16.5	150	13.3	150	10.9	150	9.1	150	7.6	150	6.4	150
RTA	28	10G	27.5	200	21.9	200	17.8	200	14.6	200	12.1	200	10.1	200	8.5	200
RTA	28	10J	37.3	300	29.9	300	24.4	300	20.2	300	16.9	300	14.2	300	12	300
RTA	30	7E	6.3	150	4.4	150	3.1	150	2.2	150	1.7	150	1.3	150	0.9	150
RTA	30	8E	10	150	7.4	150	5.8	150	4.6	150	3.7	150	3	150	2.4	150
RTA	30	8G	13.1	150	9.9	150	7.9	150	6.4	150	5.2	150	4.3	150	3.5	150
RTA	30	9E	14.6	150	11.3	150	9	150	7.3	150	5.9	150	4.8	150	4	150
RTA	30	9G	18.6	150	14.6	150	11.7	150	9.5	150	7.8	150	6.5	150	5.4	150

*For 1/2 ft increments, add -6 to the pole height. Ex: 20-6 equals 20ft 6in.

RTA Round Tapered Aluminum Poles

TECHNICAL INFORMATION (cont.)— EPA (ft²) WITH 3-SECOND GUST PER AASHTO 2013																
Series	Mounting Height (ft)*	Shaft Base Size	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
RTA	30	8J	18.9	150	14.6	150	11.7	150	9.6	150	8	150	6.7	150	5.6	150
RTA	30	10G	24.6	200	19.6	200	15.8	200	13	200	10.7	200	8.8	200	7.3	200
RTA	30	10J	33.7	300	26.9	300	21.9	300	18.1	300	15	300	12.6	300	10.6	300
RTA	33	8E	7.8	150	5.7	150	4.3	150	3.4	150	2.6	150	2	150	1.5	150
RTA	33	8G	10.6	150	7.9	150	6.2	150	4.9	150	3.9	150	3.1	150	2.5	150
RTA	33	9E	11.9	150	9	150	7.1	150	5.6	150	4.5	150	3.6	150	2.9	150
RTA	33	9G	15.5	150	11.9	150	9.5	150	7.6	150	6.2	150	5.1	150	4.1	150
RTA	33	8J	15.7	150	12.1	150	9.6	150	7.8	150	6.4	150	5.3	150	4.4	150
RTA	33	10G	20.8	200	16.5	200	13.2	200	10.7	200	8.8	200	7.2	200	5.8	200
RTA	33	10J	28.9	300	23	300	18.6	300	15.3	300	12.6	300	10.5	300	8.7	300
RTA	35	8E	6.3	150	4.4	150	3.2	150	2.4	150	1.8	150	1.3	150	0.9	150
RTA	35	8G	8.9	150	6.5	150	5	150	3.9	150	3	150	2.4	150	1.8	150
RTA	35	9E	10.3	150	7.7	150	6	150	4.7	150	3.7	150	2.8	150	2.2	150
RTA	35	9G	13.6	150	10.4	150	8.2	150	6.6	150	5.3	150	4.2	150	3.4	150
RTA	35	8J	13.9	150	10.6	150	8.4	150	6.7	150	5.5	150	4.4	150	3.6	150
RTA	35	10G	18.7	200	14.7	200	11.7	200	9.4	200	7.6	200	6.1	200	4.9	200
RTA	35	10J	25.9	300	20.6	300	16.6	300	13.6	300	11.2	300	9.3	300	7.7	300
RTA	37	8G	7.6	150	5.5	150	4.1	150	3.2	150	2.4	150	1.8	150	1.3	150
RTA	37	9E	8.8	150	6.5	150	4.9	150	3.8	150	2.9	150	2.1	150	1.5	150
RTA	37	9G	12	150	9.1	150	7	150	5.5	150	4.4	150	3.4	150	2.6	150
RTA	37	8J	12.2	150	9.2	150	7.2	150	5.7	150	4.6	150	3.6	150	2.9	150
RTA	37	10G	16.7	200	13.1	200	10.3	200	8.2	200	6.5	200	5.2	200	4	200
RTA	37	10J	23.7	300	18.7	300	15	300	12.2	300	9.9	300	8.1	300	6.5	300
RTA	39	8G	6.3	150	4.4	150	3.2	150	2.4	150	1.7	150	1.1	150	0.7	150
RTA	39	9E	7.5	150	5.4	150	4	150	3	150	2.1	150	1.5	150	0.9	150
RTA	39	9G	10.5	150	7.8	150	6	150	4.6	150	3.5	150	2.7	150	2	150
RTA	39	8J	10.6	150	7.9	150	6.1	150	4.8	150	3.7	150	2.9	150	2.2	150
RTA	39	10G	14.9	200	11.6	200	9.1	200	7.1	200	5.6	200	4.3	200	3.2	200
RTA	39	10J	21.5	300	16.9	300	13.4	300	10.8	300	8.7	300	7	300	5.6	300
RTA	48	10J	12.6	300	9.7	300	7.5	300	5.8	300	4.4	300	3.2	300	2.2	300
RTA	50	10J	11.2	300	8.4	300	6.4	300	4.9	300	3.6	300	2.5	300	1.6	300
3RTA	8	4C	7.7	75	6.1	75	4.9	75	4	75	3.3	75	2.8	75	2.4	75
3RTA	10	4C	5.9	75	4.6	75	3.6	75	2.9	75	2.3	75	1.9	75	1.6	75
3RTA	10	5C	11.5	75	9.1	75	7.3	75	6	75	5	75	4.2	75	3.6	75
3RTA	12	4C	4.5	75	3.4	75	2.6	75	2	75	1.5	75	1.2	75	0.9	75
3RTA	12	5C	9.2	75	7.2	75	5.7	75	4.6	75	3.8	75	3.2	75	2.7	75
3RTA	12	5E	11.6	75	9.2	75	7.4	75	6	75	5	75	4.2	75	3.6	75
3RTA	12	5G	14	100	11.1	100	8.9	100	7.3	100	6.1	100	5.1	100	4.4	100
3RTA	14	4C	3.4	75	2.5	75	1.8	75	1.2	75	0.8	75	0.5	75	-	75
3RTA	14	5C	7.5	75	5.7	75	4.4	75	3.5	75	2.8	75	2.3	75	1.9	75
3RTA	14	5E	9.6	75	7.4	75	5.9	75	4.7	75	3.8	75	3.2	75	2.7	75
3RTA	14	5G	11.6	100	9	100	7.2	100	5.8	100	4.8	100	4	100	3.4	100
3RTA	16	4C	2.5	75	1.6	75	1	75	-	75	-	75	-	75	-	75
3RTA	16	5C	6	75	4.4	75	3.3	75	2.6	75	2	75	1.6	75	1.2	75
3RTA	16	5E	7.8	75	5.9	75	4.6	75	3.6	75	2.9	75	2.3	75	1.9	75
3RTA	16	5G	9.6	100	7.3	100	5.8	100	4.6	100	3.7	100	3	100	2.5	100
3RTA	18	5C	4.6	75	3.3	75	2.4	75	1.7	75	1.2	75	0.9	75	0.6	75
3RTA	18	5E	6.3	75	4.6	75	3.5	75	2.6	75	2	75	1.5	75	1.2	75
3RTA	18	5G	7.8	100	5.8	100	4.5	100	3.5	100	2.7	100	2.2	100	1.8	100
3RTA	20	5C	3.5	75	2.4	75	1.6	75	1	75	0.6	75	-	75	-	75
3RTA	20	5E	5	75	3.5	75	2.5	75	1.8	75	1.3	75	0.9	75	-	75
3RTA	20	5G	6.3	100	4.6	100	3.4	100	2.5	100	1.9	100	1.4	100	1.1	100

AASHTO 2013 criteria is the most conservative existing EPA calculation. For poles not showing EPA values under AASHTO 2013, EPA values may exist under commercial criteria (see table below).

*For 1/2 ft increments, add -6 to the pole height. Ex: 20-6 equals 20ft 6in.

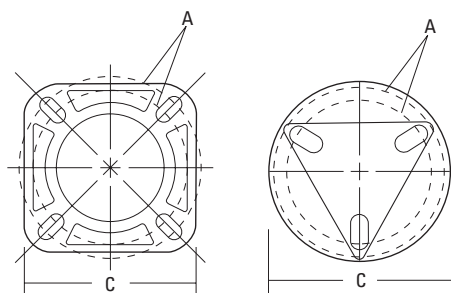
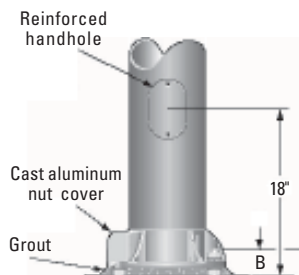
RTA Round Tapered Aluminum Poles

TECHNICAL INFORMATION										
Catalog number	Nominal mount ht. (ft) *	Pole shaft size (in x ft)	Wall thick (in)	EPA (ft²) with 1.3 gust			Max. weight	Bolt circle (in)	Bolt size (in. x in. x in.)	Approximate ship (lbs.)
				80 mph	90 mph	100 mph				
RTA 20 5C	20	5 x 3 x 19.66	0.125	3.9	2.5	1.6	100	7.5-9.5	.75 x 18 x 3	62
RTA 20 5G	20	5 x 3 x 19.66	0.188	7.4	5.2	3.8	100	7.5-9.5	.75 x 18 x 3	72
RTA 20 6G	20	6 x 4 x 19.66	0.188	12.2	9.2	7.2	214	9-10	.75 x 30 x 3	107
RTA 20 7E	20	7 x 4 x 19.66	0.156	15.0	11.4	9.0	256	9.875-11.25	1 x 36 x 4	103
RTA 25 6E	25	6 x 4 x 24.66	0.156	5.3	3.6	2.6	114	9-10	.75 x 30 x 3	106
RTA 25 7E	25	7 x 4 x 24.66	0.156	9.5	7.0	5.4	162	9.875-11.25	1 x 36 x 4	120
RTA 25 8E	25	8 x 4.5 x 24.66	0.156	14.2	10.9	8.5	220	11-12	1 x 36 x 4	130
RTA 25 8G	25	8 x 4.5 x 24.66	0.188	18.0	13.8	10.9	261	11-12	1 x 36 x 4	153
RTA 30 7E	30	7 x 4 x 29.66	0.156	5.5	3.8	2.7	111	9.875-11.25	1 x 36 x 4	135
RTA 30 8E	30	8 x 4.5 x 29.66	0.156	9.4	7.0	5.3	151	11-12	1 x 36 x 4	150
RTA 30 8G	30	8 x 4.5 x 29.66	0.188	12.4	9.4	7.3	179	11-12	1 x 36 x 4	175
RTA 30 10G	30	10 x 6 x 29.66	0.188	23.8	18.3	14.3	377	14-15	1 x 40 x 4	235
RTA 35 8E	35	8 x 4.5 x 34.66	0.156	5.8	4.1	2.9	119	11-12	1 x 36 x 4	185
RTA 35 8G	35	8 x 4.5 x 34.66	0.188	8.3	6.0	4.5	141	11-12	1 x 36 x 4	220
RTA 35 8J	35	8 x 4.5 x 34.66	0.250	12.9	9.7	7.5	183	11-12	1 x 36 x 4	251
RTA 35 10G	35	10 x 6 x 34.66	0.188	17.9	13.6	10.4	295	14-15	1 x 40 x 4	268
RTA 39 8G	39	8 x 4.5 x 38.66	0.188	5.6	3.9	2.7	122	11-12	1 x 36 x 4	250
RTA 39 8J	39	8 x 4.5 x 38.66	0.250	9.7	7.1	5.4	158	11-12	1 x 36 x 4	280
RTA 39 10G	39	10 x 6 x 38.66	0.188	14.2	10.5	7.8	253	14-15	1 x 40 x 4	295
RTA 39 10J	39	10 x 6 x 38.66	0.250	20.4	15.5	11.9	300	14-15	1.25 x 48 x 5	373
RTA 50 10J	50	10 x 6 x 49.66	0.250	12.5	9.1	6.5	300	14-15	1.25 x 48 x 5	447
3RTA 8 4C	8	4 x 3 x 8	0.125	12.1	9.3	7.3	75	6.5-7.25	.75 x 18 x 3	23
3RTA 10 4C	10	4 x 3 x 10	0.125	8.8	6.7	5.2	75	6.5-7.25	.75 x 18 x 3	27
3RTA 12 4C	12	4 x 3 x 12	0.125	6.6	4.8	3.6	75	6.5-7.25	.75 x 18 x 3	31
3RTA 14 4C	14	4 x 3 x 14	0.125	4.9	3.4	2.4	75	6.5-7.25	.75 x 18 x 3	34
3RTA 16 4C	16	4 x 3 x 16	0.125	3.5	2.3	1.5	75	6.5-7.25	.75 x 18 x 3	38
3RTA 16 5C	16	5 x 3 x 16	0.125	6.9	5.0	3.8	75	7.5-8.5	.75 x 18 x 3	43
3RTA 18 5C	18	5 x 3 x 18	0.125	5.0	3.5	2.5	150	7.5-8.5	.75 x 18 x 3	47
3RTA 18 5E	18	5 x 3 x 18	0.156	7.0	5.0	3.7	150	7.5-8.5	.75 x 18 x 3	57
3RTA 20 5C	20	5 x 3 x 20	0.125	3.8	2.5	1.6	150	7.5-8.5	.75 x 18 x 3	50
3RTA 20 5E	20	5 x 3 x 20	0.156	5.5	3.8	2.6	150	7.5-8.5	.75 x 18 x 3	62

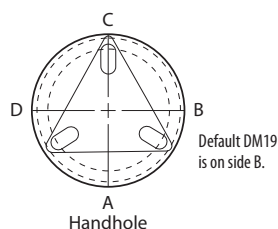
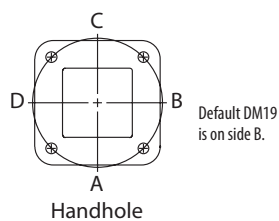
*For 1/2 ft increments, add -6 to the pole height. Ex: 20-6 equals 20ft 6in.

RTA Round Tapered Aluminum Poles

BASE DETAIL



HANDHOLE ORIENTATION



POLE DATA							
4-Bolt Base	Shaft base size	Bolt circle A	Bolt projection B	Base square	Base plate thickness	Template description	Anchor bolt description
	5"	7.75" - 8"	3.25"	9.61"	0.630"	ABTEMPLATE PJ50032	AB18-0
	6"	9" - 10"	3.50"	10.32"	0.630"	ABTEMPLATE PJ50033	AB30-0
	7"	10.13" - 11"	4.13"	11.26"	0.750"	ABTEMPLATE PJ50034	AB36-0
	8"	11.26" - 12"	4.13"	12.05"	0.750"	ABTEMPLATE PJ50035	AB36-0
	9"	12.50" - 14"	4.13"	12.48"	1.250"	Manufacturer Provided	AB36-0
	10"G	14" - 15"	4.75"	14"	1.250"	ABTEMPLATE PJ50036	AB40-0
	10"J	14" - 15"	5.25"	14"	1.250"	ABTEMPLATE PJ50063	AB48-0
3-Bolt Base	Shaft base size	Bolt circle A	Bolt projection B	Base square	Base plate thickness	Template description	Anchor bolt description
	4"	6.50" - 7.25"	3.25"	9.25"	0.500"	ABTEMPLATE PJ50128	AB18-0
	5"	7.50" - 8.50" 3.25	3.25"	10.50"	0.500"	ABTEMPLATE PJ50129	AB18-0

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.

