

Round Pole ALUMINUM | NON-TAPERED

PROJECT _____

TYPE _____

SPECIFICATION _____

QUICK FACTS

POLE SHAFT

The pole shaft is a seamless 6063-T6 aluminum alloy extrusion having a uniform wall thickness of 0.250", 0.188", 0.156" or 0.125". The sides of the shaft may be drilled for mounting luminaire fixtures. All aluminum alloys shall comply with metallurgical and mechanical properties set forth in the Aluminum Association Standards.

BASE PLATE

The anchor base is cast from A356 alloy aluminum. The anchor base telescopes the pole shaft and is circumferentially welded top and bottom. All welds are performed in accordance with the American Welding Society specification AWS D1.2, latest edition.

HANDHOLE

An oval reinforced gasketed handhole, having a nominal 3" x 5" or 4" x 6-1/2" inside opening, located 1'-6" above base, is standard on all poles. Optional 5" x 8" and 4" x 10" handholes are available (see options). A grounding provision is located inside the handhole ring.

ANCHOR BOLTS

Anchor bolts are fabricated from commercial quality hot rolled carbon steel bar that meets or exceeds a minimum yield strength of 55,000 psi. Four properly sized anchor bolts, each with two regular hex nuts and washers, are furnished and shipped with all poles unless otherwise specified.

FINISHES

The Standard Finish is a polyester thermosetting powder coating applied to the surface of the substrate to a minimum of 3 mils for all color finishes.

ORDERING EXAMPLE

SERIES HEIGHT BASE DIAMETER GAUGE FINISH MOUNTING DESIGNATION OPTIONS

RAP 10 - 4.0 - 11 - BRZ - DM10 - BC

BRZ - Bronze
BLK - Black
NA- Natural
Aluminum

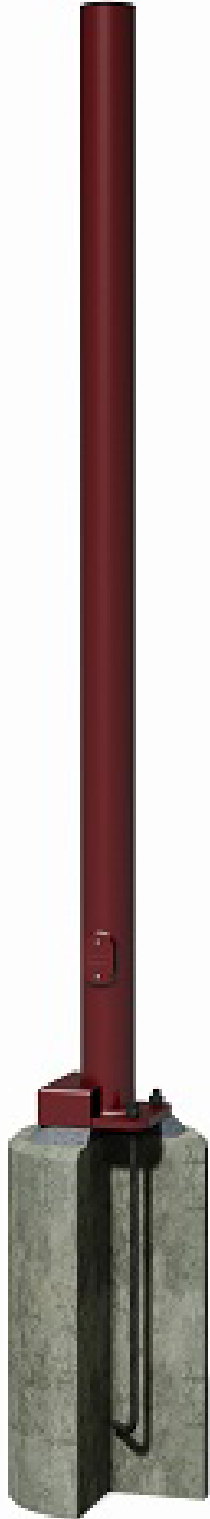
Tenon Mount
2 - 2 3/8" x 4" tenon
3 - 2 1/2" x 4" tenon

Drill Mount
DM10 - 1 luminaire
DM2090 - 2 luminaires @90°
DM2180 - 2 luminaires @180°
DM3090 - 3 luminaires @90°
DM3120 - 3 luminaires @120°
DM4090 - 4 luminaires @90°

BC - Base Cover
NC - Nut Covers
CPL - Threaded Coupling*
NPL - Threaded Nipple*
LAB - Less Anchor Bolt
OTC - Open Top with Cover
VD - Vibration Damping Pad**
XHH - Extra Handhole*
58HH - 5" x 8" Handhole*
410HH - 4" x 10" Handhole*

Embedment Pole Options
E - Embedded Pole
GS - Ground Sleeve

* Please advise size, location, and orientation. (Handholes are restricted by size of pole shaft diameter)
** Located 24" above baseplate and same side as handhole. (No electrical included)



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Catalog Number	Nominal Height	Pole Shaft	Gauge	Handhole Size	Anchor Bolt	Bolt Circle	80 mph	90 mph	100 mph	110 mph	Ship Weight
RAP08-4.0-11	8	4.0 x 8.0	11	2 x 4	0.75 x 17 x 3	8.75	11	8.5	6.5	4.5	19
RAP10-4.0-11	10	4.0 x 10.0	11	2 x 4	0.75 x 17 x 3	8.75	8.5	6.5	4.5	3	23
RAP12-4.0-11	12	4.0 x 12.0	11	2 x 4	0.75 x 17 x 3	8.75	6.5	5	3.5	2	26
RAP12-5.0-9	12	5.0 x 12.0	9	3 x 5	1 x 36 x 4	8.5	14	10.5	8	5.5	29
RAP14-4.0-11	14	4.0 x 14.0	11	2 x 4	0.75 x 17 x 3	8.75	5	3.5	2.5	1.5	30
RAP14-5.0-9	14	5.0 x 14.0	9	3 x 5	1 x 36 x 4	8.5	11.5	8.5	6.5	4	34
RAP16-4.0-11	16	4.0 x 16.0	11	2 x 4	0.75 x 17 x 3	8.75	4	2.5	1.5	1	33
RAP16-5.0-9	16	5.0 x 16.0	9	3 x 5	1 x 36 x 4	8.5	9.5	7	5	3	38
RAP16-6.0-9	16	6.0 x 16.0	9	3 x 5	1 x 36 x 4	10.5	14.5	10.5	8	5.5	62
RAP16-6.0-7	16	6.0 x 16.0	7	3 x 5	1 x 36 x 4	10.5	17.5	13.5	10	7	73
RAP18-5.0-9	18	5.0 x 18.0	9	3 x 5	1 x 36 x 4	8.5	8	5.5	4	2.5	44
RAP18-6.0-7	18	6.0 x 18.0	7	3 x 5	1 x 36 x 4	10.5	15	11	8	5.5	81
RAP20-5.0-9	20	5.0 x 20.0	9	3 x 5	1 x 36 x 4	8.5	6.5	4.5	3	1.5	49
RAP20-6.0-9	20	6.0 x 20.0	9	3 x 5	1 x 36 x 4	10.5	10	7	5	3.5	81
RAP20-6.0-7	20	6.0 x 20.0	7	3 x 5	1 x 36 x 4	10.5	13	9.5	6.5	4.5	89
RAP25-6.0-9	25	6.0 x 25.0	9	3 x 5	1 x 36 x 4	10.5	6.5	4	2.5	1.5	100
RAP25-6.0-7	25	6.0 x 25.0	7	3 x 5	1 x 36 x 4	10.5	8.5	6	3.5	2.5	109
RAP30-6.0-7	30	6.0 x 30.0	7	3 x 5	1 x 36 x 4	10.5	5.5	3	1.5	1	129