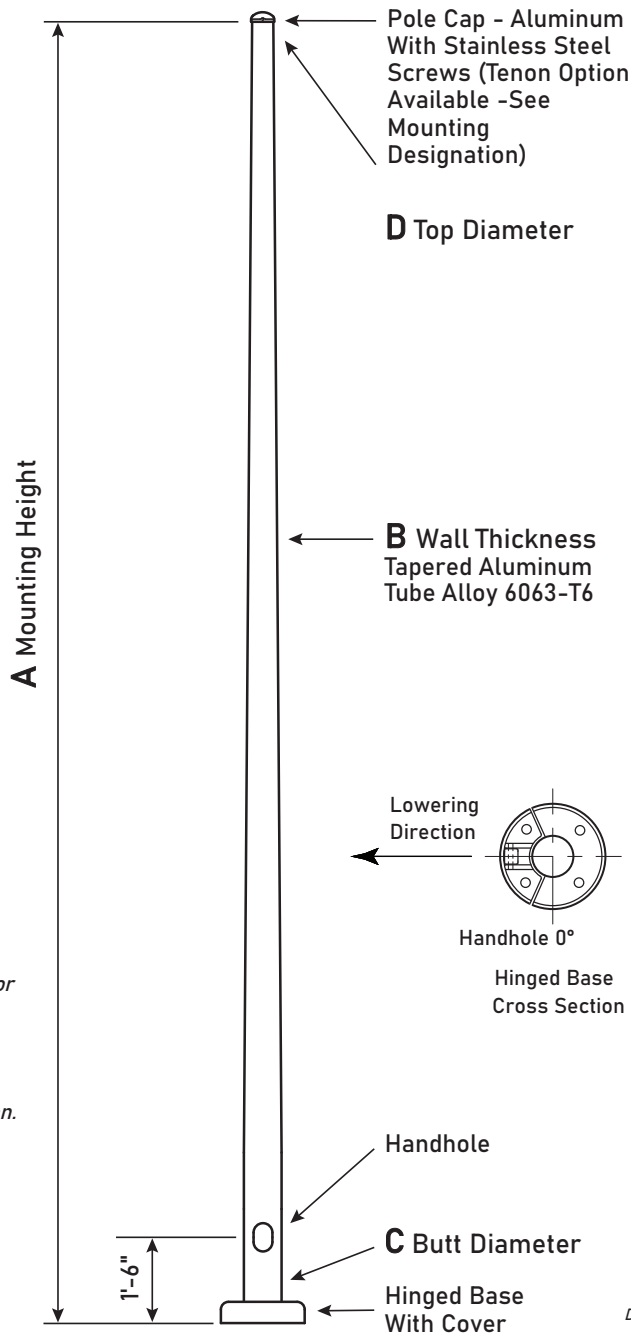


**Round Tapered Aluminum Pole
No Arm – Hinged Base**


Satin Aluminum or Powder Coated Finish per Customer Specification.

Dimensions in Inches

C BUTT DIA.	D TOP DIA.	F BOLT CIR. DIA.	G COVER DIA.	H BOLT PROJ.	I BOLT SIZE
4	3	7	9.75	2	.75 x 17 x 3
5	3	8.5	11.25	2	.75 x 17 x 3

Pole

The pole shaft will be constructed of seamless extruded tube of 6063 Aluminum Alloy per the requirements of ASTM B221. The shaft assembly shall be full-length heat treated after base weld to produce a T6 temper.

Base Style

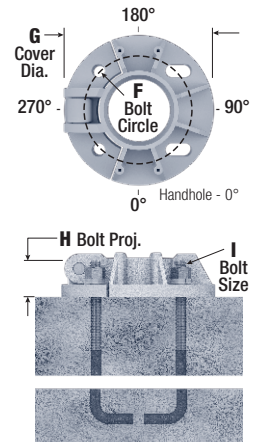
Hinged Cast Aluminum Base Flange of Alloy 356-T6 with 2-Piece Cast Aluminum Base Cover and Stainless Steel Tamper-Resistant Attaching Screws.


Handhole

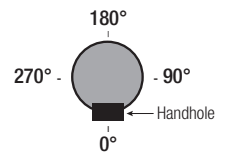
4"-5" Butt Diameters -
2" x 4" Handhole with curved Lap Style Aluminum Door and two (2) Stainless Steel Self-Tapping Attaching Screws. A Grounding Provision incorporating a tapped 11/4"-20NC hole is provided opposite the Handhole.


Anchorage

Anchorage Kit will include four (4) L-shaped Steel Anchor Bolts conforming to AASHTO M314-90 Grade 55. Ten inches (10") of Threaded End will be Galvanized per ASTM A153. Kits will contain four (4) Hex Nuts, four (4) Lock Washers, and four (4) Flat Washers (all components Galvanized Steel). A bolt circle template will be provided.


Mounting Designation
Side Drill Mount

For Side Drill Mount applications specify luminaire type, quantity and orientation. A luminaire drilling template must be supplied at time of order.



Tenon Mount - Welded or Spun
For Tenon Mount applications specify both Tenon diameter (2.375", 2.875", 3.5", etc.) and length (3", 4", etc.). Tenon style is factory option. Welded Tenon can be specified.



Welded Tenon Spun Tenon



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A Mtg. Hgt.	B WALL THICKNESS	C BUTT DIAMETER	TOTAL LUM. WEIGHT	MAXIMUM EPA					CATALOG NUMBER
				90	100	110	120	130	
06	0.125"	4	100	16.0	12.8	12.0	10.0	8.4	RTA06B4AH-**
08	0.125"	4	100	11.0	8.6	8.0	6.6	5.4	RTA08B4AH-**
08	0.156"	4	100	13.6	10.8	10.0	8.2	6.8	RTA08C4AH-**
08	0.188"	4	100	16.0	12.8	11.8	9.8	8.2	RTA08D4AH-**
10	0.125"	4	70	8.0	6.2	5.6	4.6	3.6	RTA10B4AH-**
10	0.156"	4	95	10.0	7.8	7.2	5.8	4.8	RTA10C4AH-**
10	0.188"	4	100	11.8	9.4	8.6	7.0	5.8	RTA10D4AH-**
10	0.125"	5	100	15.6	12.4	11.4	9.4	7.8	RTA10B5AH-**
10	0.156"	5	100	19.6	15.4	14.4	11.8	9.8	RTA10C5AH-**
12	0.125"	4	45	6.0	4.6	4.2	3.2	2.4	RTA12B4AH-**
12	0.156"	4	60	7.6	5.8	5.4	4.2	3.4	RTA12C4AH-**
12	0.188"	4	80	9.2	7.0	6.4	5.2	4.2	RTA12D4AH-**
12	0.125"	5	100	12.0	9.4	8.6	7.0	5.8	RTA12B5AH-**
12	0.156"	5	100	15.2	12.0	11.0	9.0	7.4	RTA12C5AH-**
14	0.125"	4	35	4.4	3.2	3.0	2.2	1.6	RTA14B4AH-**
14	0.156"	4	40	5.8	4.4	4.0	3.0	2.2	RTA14C4AH-**
14	0.188"	4	55	7.2	5.4	5.0	3.8	3.0	RTA14D4AH-**
14	0.125"	5	80	9.6	7.2	6.6	5.2	4.2	RTA14B5AH-**
14	0.156"	5	100	12.2	9.4	8.6	7.0	5.6	RTA14C5AH-**
16	0.156"	4	30	4.4	3.2	2.8	2.0	1.4	RTA16C4AH-**
16	0.188"	4	30	5.6	4.2	3.8	2.8	2.0	RTA16D4AH-**
16	0.125"	5	55	7.6	5.8	5.2	4.0	3.0	RTA16B5AH-**
16	0.156"	5	80	9.8	7.6	6.8	5.4	4.2	RTA16C5AH-**
18	0.125"	5	35	6.0	4.4	3.8	2.8	2.0	RTA18B5AH-**
18	0.156"	5	55	8.0	5.8	5.4	4.0	3.0	RTA18C5AH-**
20	0.125"	5	25	4.6	3.2	2.8	1.8	1.2	RTA20B5AH-**
20	0.156"	5	35	6.4	4.6	4.0	3.0	2.2	RTA20C5AH-**

EPA Notes:

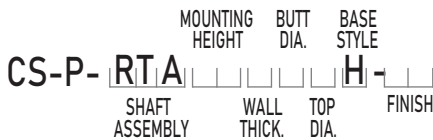
Effective Projected Area (EPA) in square feet. EPA's calculated using wind velocity (mph) indicated in accordance with 2009 AASHTO LTS-5 using a 25-year design life. Maximum EPA is based on the luminaire weight shown. Increased luminaire weight may reduce the maximum EPA. If weight is exceeded, or if other design life or code is required, please contact GridShift Solutions.

Vibration Damper

If determined necessary, an internal, factory installed, Second Mode Vibration Damper will be provided. Customer specification of the damper is available.

Catalog Number System

The catalog number utilizes the following identification system.


Catalog Number Example
CS-P-RTA 20 C 5 A H - 01

Round Tapered Aluminum, 20' Mounting Height, .156" Wall Thickness, 5" Butt Diameter, 3" Top Diameter, Hinged Base, Satin Aluminum Finish.

Wall Thickness

B = .125"
C = .156"
D = .188"

Butt Diameter

4 = 4"
5 = 5"

Top Diameter

A = 3"

Base Style

H=Hinged Base

Finish

01 = Satin Aluminum
BA = Black Powder Coat
BH = White Powder Coat
BM = Dark Bronze Powder Coat
BV = Dark Green Powder Coat
GC = Gray Powder Coat
** = Specify Finish


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