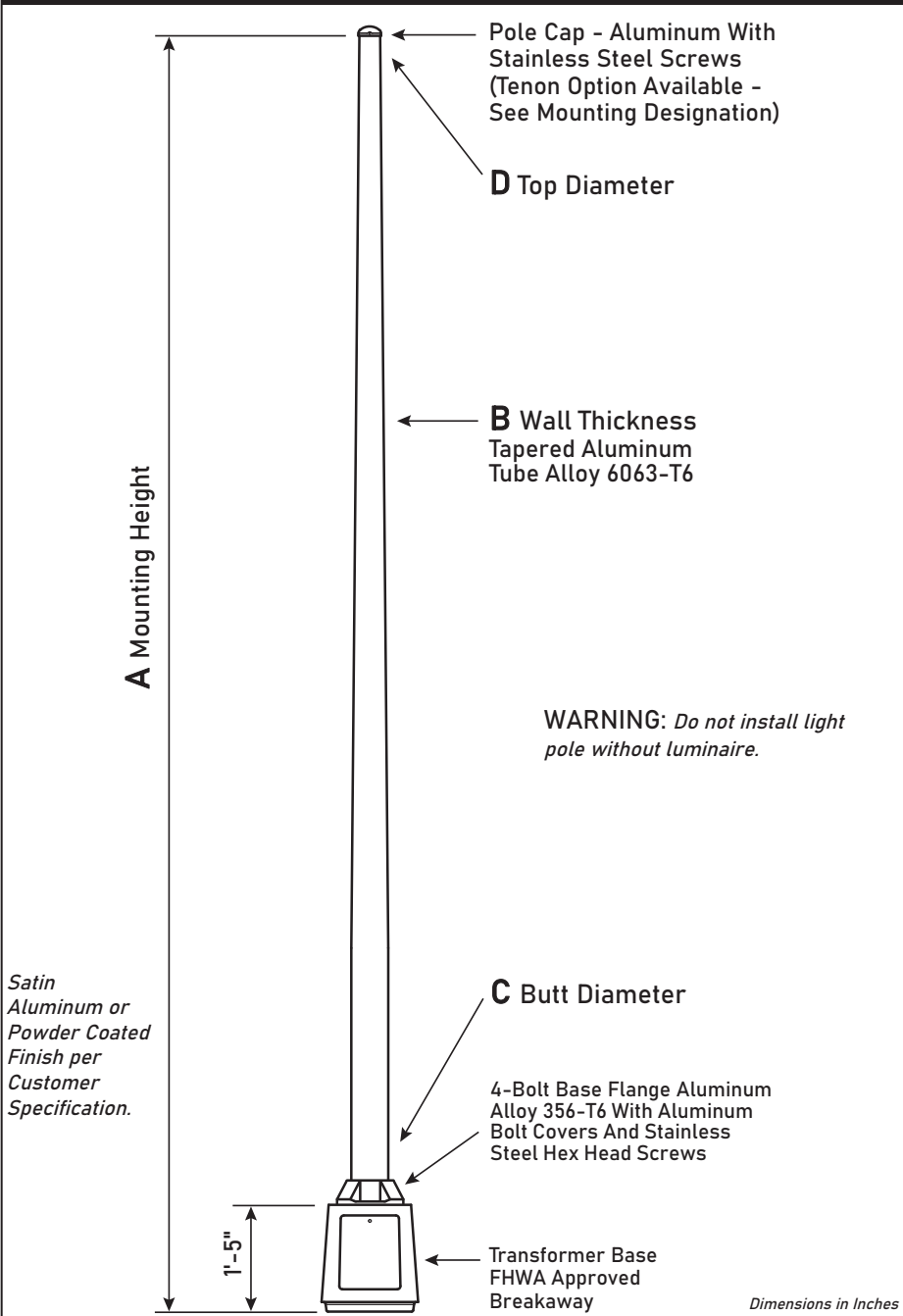



**Round Tapered Aluminum Pole  
No Arm — Breakaway T-Base**


Satin Aluminum or Powder Coated Finish per Customer Specification.


C BUTT DIA.	D TOP DIA.	F BOLT CIR. DIA.	G BASE SQ.	H BOLT PROJ.	I BOLT SIZE
6	4.5	12	13.0625	3.5	1 x 36 x 4
7	4.5	12	13.0625	3.5	1 x 36 x 4
8	4.5	15	15.375	3.5	1 x 36 x 4
9	4.5	15	15.375	3.5	1 x 36 x 4
10 Up To .250"	6	15	15.375	3.5	1 x 48 x 4
10 .312"	6	17.25	17.4375	3.5	1 x 48 x 4

**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.

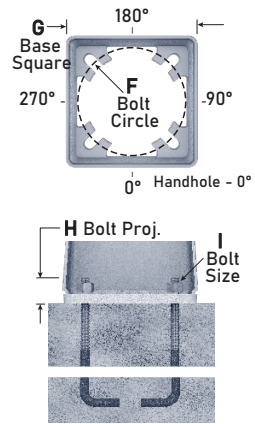
**Base Style**  
Cast Aluminum Transformer Base (T-Base) of Alloy 356-T6 with Aluminum Door and Stainless Steel Hex Head Screw. FHWA Approved Breakaway.



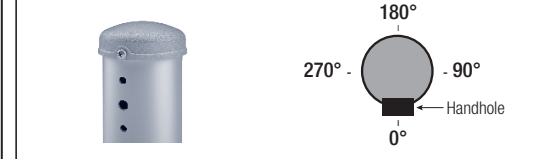
**Handhole**  
**6"-10" Butt Diameters** -Tapered Door Opening (9-3/4" W Base x 9-1/4" W Top x 11-3/4" H) with Flush Mount Aluminum Cover and Stainless Steel Hex Head Screw. Grounding Provisions tapped 1/4"-20NC and 1/2"-13NC are provided.



**Anchorage**  
**Base Anchorage** includes four (4) L-shaped Steel Anchor Bolts conforming to AASHTO M314-90 Grade 55, four (4) each Heavy-Duty Flat Washers, Lock Washers, and Hex Nuts (all components Galv. Steel). Ten inches (10") of threaded end will be galvanized per ASTM A153.  
**Top Connecting Hardware** includes four (4) each 1"-8NC x 3-3/4" Hex Head Bolts, Flat Washers, Heavy-Duty Flat Washers, Lock Washers, and Hex Nuts (all components Galv. 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.



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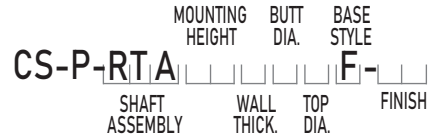

A MTG. HGT.	B WALL THICKNESS	C BUTT DIAMETER	TOTAL LUM. WEIGHT	MAXIMUM EPA					CATALOG NUMBER
				90	100	110	120	130	
20	0.125"	6	95	10.2	7.6	7.0	5.6	4.6	RTA20B6BF-**
20	0.156"	6	100	13.4	10.2	9.4	7.6	6.4	RTA20C6BF-**
20	0.188"	6	100	16.6	13.0	12.0	9.8	8.2	RTA20D6BF-**
20	0.156"	7	100	20.0	15.8	14.6	12.0	10.0	RTA20C7BF-**
20	0.188"	7	100	24.6	19.4	18.0	14.8	12.6	RTA20D7BF-**
20	0.156"	8	100	27.8	22.0	20.4	16.8	14.2	RTA20C8BF-**
20	0.188"	8	100	33.8	27.0	25.0	20.8	17.6	RTA20D8BF-**
25	0.156"	6	65	8.4	6.0	5.4	4.2	3.4	RTA25C6BF-**
25	0.188"	6	95	10.6	8.0	7.2	5.8	4.6	RTA25D6BF-**
25	0.156"	7	100	13.2	10.0	9.2	7.4	6.0	RTA25C7BF-**
25	0.188"	7	100	16.8	12.8	11.8	9.6	8.0	RTA25D7BF-**
25	0.156"	8	100	19.0	14.8	13.6	11.2	9.4	RTA25C8BF-**
25	0.188"	8	100	23.8	18.6	17.2	14.2	11.8	RTA25D8BF-**
25	0.219"	8	100	28.2	22.2	20.6	17.0	14.2	RTA25E8BF-**
25	0.250"	8	100	32.6	25.6	23.8	19.8	16.6	RTA25F8BF-**
30	0.156"	7	65	8.6	6.2	5.6	4.2	3.4	RTA30C7BF-**
30	0.188"	7	95	11.4	8.4	7.6	6.0	4.8	RTA30D7BF-**
30	0.156"	8	100	13.2	9.8	9.0	7.2	5.8	RTA30C8BF-**
30	0.188"	8	100	17.0	13.0	11.8	9.6	8.0	RTA30D8BF-**
30	0.219"	8	100	20.4	15.8	14.6	11.8	9.8	RTA30E8BF-**
30	0.250"	8	100	23.8	18.6	17.2	14.0	11.6	RTA30F8BF-**
30	0.188"	9	100	23.2	18.2	16.8	13.8	11.4	RTA30D9BF-**
30	0.250"	9	100	32.2	25.4	23.6	19.6	16.4	RTA30F9BF-**
30	0.188"	10	100	30.4	24.4	22.6	18.8	15.6	RTA30D1CF-**
35	0.156"	8	65	9.0	6.2	5.6	4.2	3.4	RTA35C8BF-**
35	0.188"	8	100	11.8	8.6	7.8	6.2	5.0	RTA35D8BF-**
35	0.219"	8	100	14.8	11.0	10.0	8.0	6.4	RTA35E8BF-**
35	0.250"	8	100	17.6	13.2	12.2	9.8	8.0	RTA35F8BF-**
35	0.188"	9	100	17.0	13.0	12.0	9.6	8.0	RTA35D9BF-**
35	0.250"	9	100	24.4	19.0	17.6	14.4	12.0	RTA35F9BF-**
35	0.188"	10	100	23.0	18.2	16.8	13.8	11.4	RTA35D1CF-**
35	0.219"	10	100	27.8	22.0	20.4	16.8	14.0	RTA35E1CF-**
35	0.250"	10	100	32.4	25.8	24.0	19.8	16.6	RTA35F1CF-**
35	0.312"	10	100	41.4	33.2	30.8	25.6	21.4	RTA35G1CF-**
40	0.188"	8	50	8.2	5.6	4.8	3.6	2.6	RTA40D8BF-**
40	0.219"	8	75	10.4	7.4	6.6	5.0	4.0	RTA40E8BF-**
40	0.250"	8	100	12.6	9.2	8.2	6.4	5.2	RTA40F8BF-**
40	0.188"	9	100	12.0	8.8	8.0	6.4	5.0	RTA40D9BF-**
40	0.250"	9	100	18.6	14.0	13.0	10.4	8.6	RTA40F9BF-**
40	0.188"	10	100	17.2	13.4	12.4	10.0	8.2	RTA40D1CF-**
40	0.219"	10	100	21.2	16.6	15.4	12.6	10.4	RTA40E1CF-**
40	0.250"	10	100	25.2	19.8	18.4	15.0	12.6	RTA40F1CF-**
40	0.312"	10	100	32.8	26.0	24.2	20.0	16.6	RTA40G1CF-**

**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 30 D 8 B F - 01**

*Round Tapered Aluminum, 30' Mounting Height, .188" Wall Thickness, 8" Butt Diameter, 4.5" Top Diameter, Breakaway T-Base, Satin Aluminum Finish.*

#### Wall Thickness

- B = .125"
- C = .156"
- D = .188"
- E = .219"
- F = .250"
- G = .312"

#### Butt Diameter

- 6 = 6"
- 7 = 7"
- 8 = 8"
- 9 = 9"
- 1 = 10"

#### Top Diameter

- B = 4.5"
- C = 6"

#### Base Style

F=Breakaway T-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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