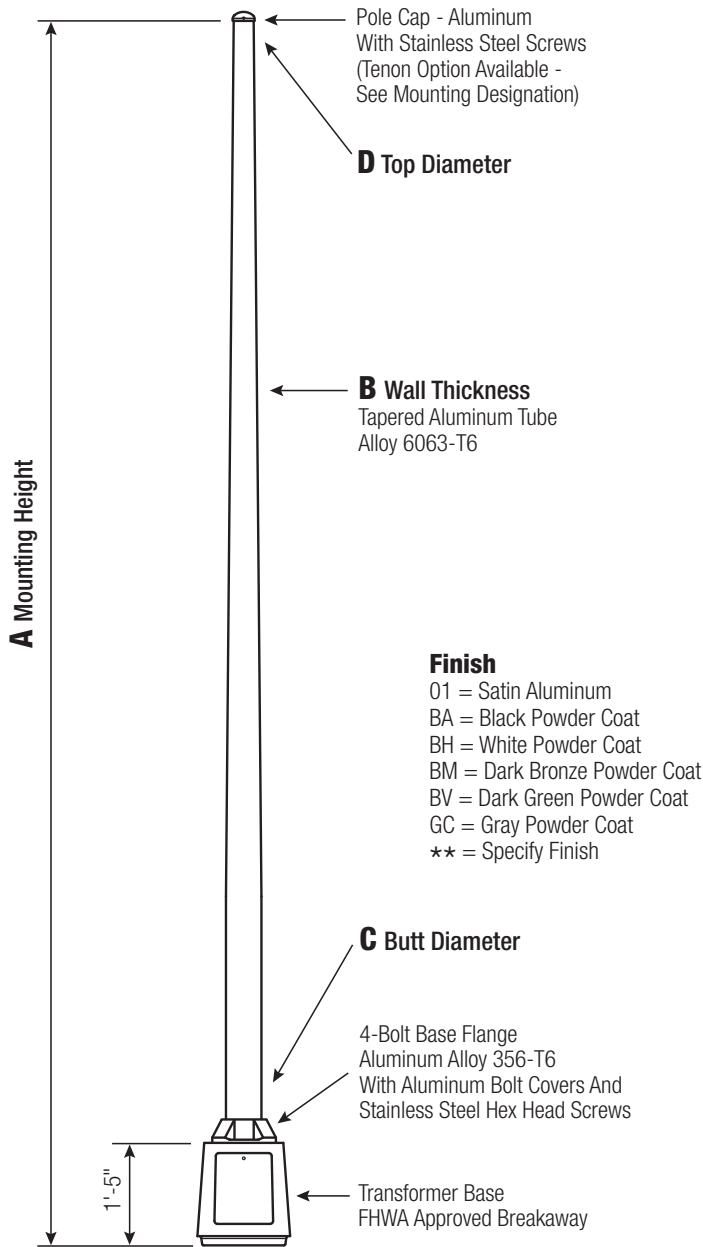


# RTA

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



**WARNING:**  
Do not install light pole without luminaire.

Satin Aluminum or Powder Coated  
Finish per Customer Specification.

| A<br>Mtg.<br>Hgt. | B<br>Wall<br>Thickness | C<br>Butt<br>Diameter | TOTAL LUM.<br>WEIGHT | MAXIMUM EPA |      |      |      |      | CATALOG NUMBER |
|-------------------|------------------------|-----------------------|----------------------|-------------|------|------|------|------|----------------|
|                   |                        |                       |                      | 90          | 100  | 110  | 120  | 130  |                |
| 20                | 0.156"                 | 7                     | 100                  | 20.0        | 15.8 | 14.6 | 12.0 | 10.0 | RTA20C7BF-**   |

| C<br>Butt Dia. | D<br>Top Dia. | F<br>Bolt Cir. Dia. | G<br>Base Sq. | H<br>Bolt Proj. | I<br>Bolt Size |
|----------------|---------------|---------------------|---------------|-----------------|----------------|
| 7              | 4.5           | 12                  | 13.0625       | 3.5             | 1 x 36 x 4     |

Dimensions in Inches

CUSTOMER NAME:

PROJECT:

LOCATION:

NOTES:

QUANTITY:

# RTA20C7BF

CATALOG NUMBER

FINISH

### 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.

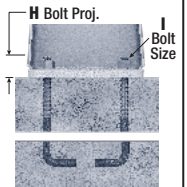
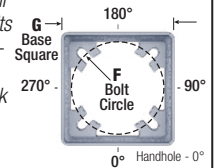


### Handhole

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.

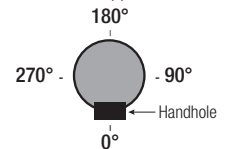


### Vibration Damper

When determined necessary by Hapco, a Vibration Damper will be factory-installed inside the pole shaft. Customer specification of the damper is available.

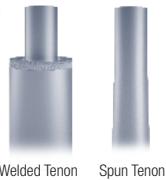
### Mounting Designation

**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.



**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 consult the factory.



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