## **Round Tapered Aluminum Pole with Arms** Triple Cross Arm 120° — Direct Buried Pole Cap - Aluminum With Stainless Steel Screws Triple Cross Arm - 120° Arms and Tenons - 2" NPS Sch. 40 Pipe Aluminum Alloy 6063-T6 Stainless Steel Hardware Included **D** Top Diameter 3'-6" 120 **Mounting Height B** Wall Thickness Tapered Aluminum Tube Alloy 6063-T6 **Finish** 01 = Satin Aluminum BA = Black Powder Coat Handhole BH = White Powder Coat BM = Dark Bronze Powder Coat BV = Dark Green Powder Coat GC = Gray Powder Coat 0 C Butt Diameter \*\* = Specify Finish Ground Line **Embed Length** Wire Access Slots -1-3/4" x 6" - 2@180° 1' to 2' Flattened 3" to 6" WARNING: Do not install light pole without luminaire. Satin Aluminum or Powder Coated Finish per Customer Specification.

A Mtg.	B WALL	СВитт	Lum.	MAXIMUM EPA					
Нст.	THICKNESS	DIAMETER	WEIGHT	90	100	110	120	130	Catalog Number
20	0.188"	8	100	11.2	8.6	8.0	6.4	5.2	RTA20D8BEFC0-**

C	D	E
Butt Dia.	Top Dia.	Embed
8	4.5	5'

C and D Dimensions in Inches

Customer Name:						
Рпојест:	Location:					
Notes:		QUANTITY:				

# RTA20D8BEFC0

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 to produce a T6 temper.

#### **Handhole**

Reinforced, 4" x 6" curved Cast Aluminum Frame (Alloy 356-T6) with Aluminum Door and two (2) SS Hex Head Screws. Reinforced Frame will contain a tapped 3/8"-16NC Grounding Provision.

### **Embed Detail**

Direct Buried Pole bottom section on 6"+ butt diameter poles will be partially flattened into an anti-rotational, oval cross section. Wire access will be provided 24" below ground line. Soil conditions vary by site. Foundation requirements should be determined by a qualified Structural Engineer with knowledge of jobsite soil conditions.



#### **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.



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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