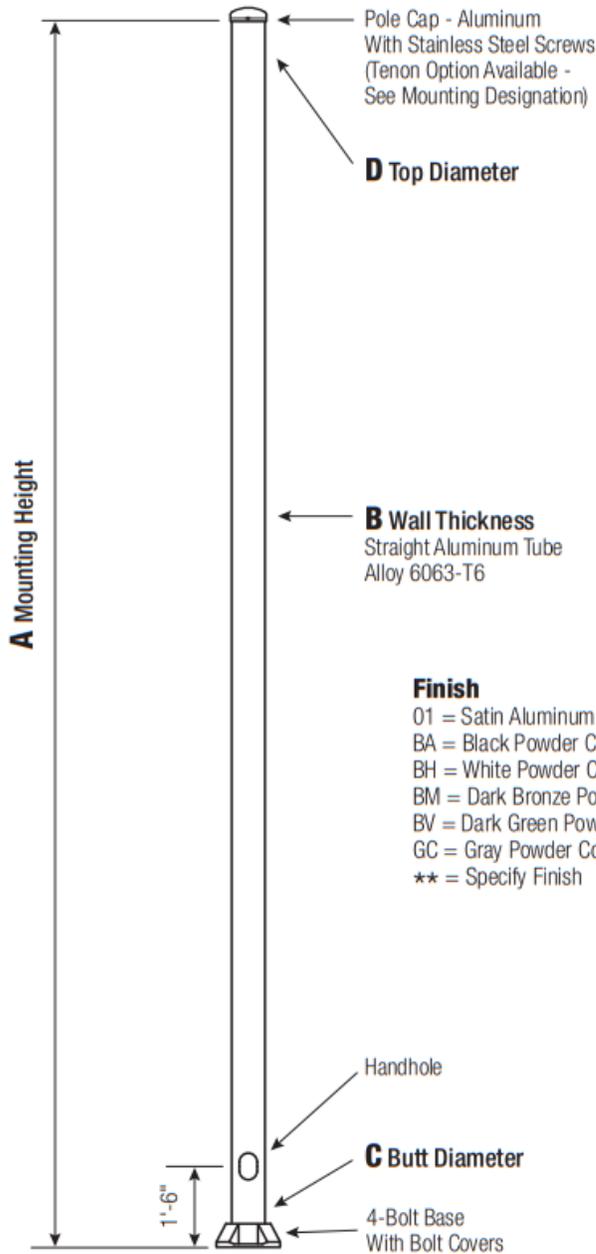


# IL-RPAL

Round Pole  
Aluminum - (Straight)



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

Satin Aluminum or Powder Coated  
Finish per Customer Specification.

A MTG. HGT.	B WALL THICKNESS	C BUTT DIAMETER	TOTAL LUM. WEIGHT	MAXIMUM EPA					OLD CAT. NUMBER	CATALOG NUMBER
				90	100	110	120	130		
12	0.125"	4	70	6.0	4.4	4.0	3.1	2.3	78S-004	IL-RPAL-XX**

C BUTT DIA.	D TOP DIA.	F BOLT CR. DIA.	G BASE SQ.	H BOLT PROJ.	I BOLT SIZE
4	4	6.5 - 8	7.5	2	.75 x 17 x 3

Dimensions in inches

<b>CUSTOMER NAME:</b>	
<b>PROJECT:</b>	<b>LOCATION:</b>
<b>NOTES:</b>	<b>QUANTITY:</b>

\*\* (XX) = Pole Height - 10' - 25'

# IL-RPAL

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

4-Bolt Cast Aluminum  
Base Flange of Alloy  
356-T6 with Aluminum  
Bolt Covers (Alloy 356-F)  
and Stainless Steel Hex  
Head Attaching Screws.



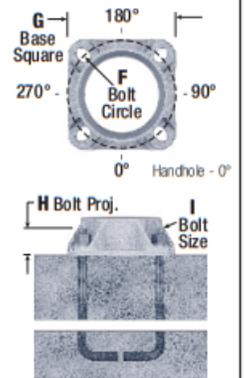
## Handhole

2" x 4" Handhole with curved Lap Style Aluminum Door  
and two (2) SS Self-Tapping Attaching Screws.  
A Grounding Provision incorporating a tapped 1/4"-  
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.

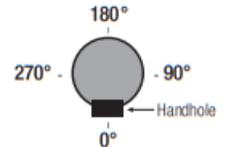


## Vibration Damper

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

For Tenon Mount applications  
specify both Tenon diameter  
(2.375", 2.875", 3.5", etc.) and  
length (3", 4", etc.).

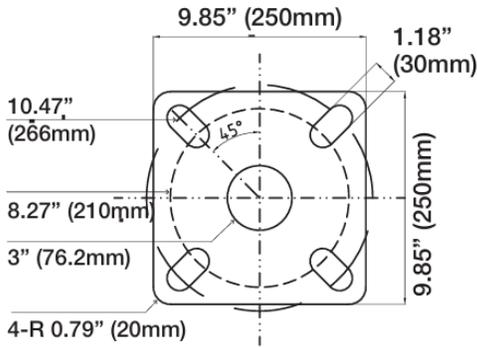


**EPA Notes:** Effective Projected Area (EPA) in square feet. EPA's  
calculated using wind velocity (mph) indicated in accordance with  
2009 AASHTO LTS-5 using a 25 year design life. Maximum EPA is  
based on the luminaire weight shown. Increased luminaire weight  
may reduce the maximum EPA. If weight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

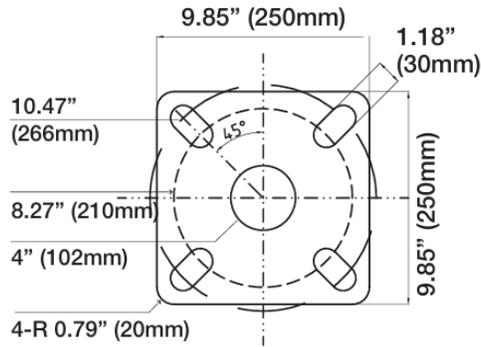


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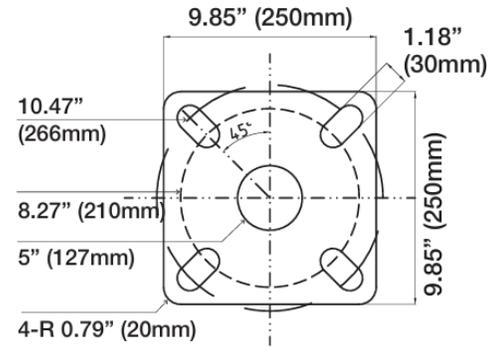
## 3" Flange



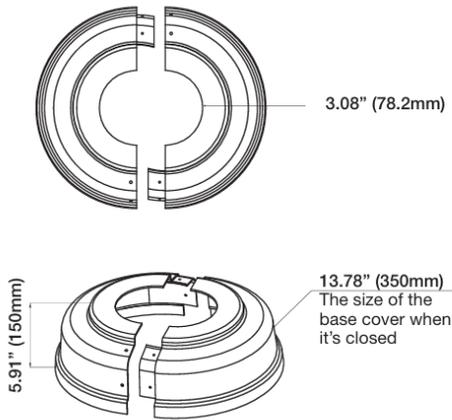
## 4" Flange



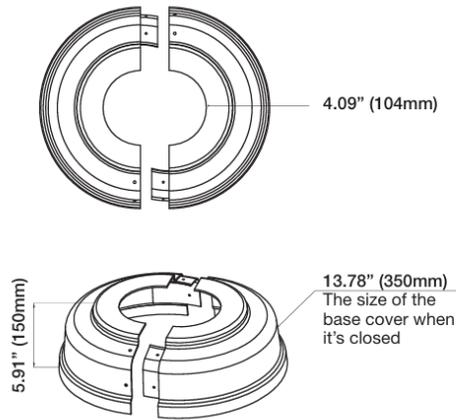
## 5" Flange



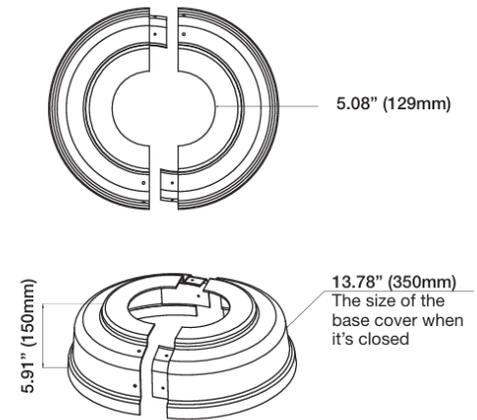
## 3" Flange Base Cover Size



## 4" Flange Base Cover Size



## 5" Flange Base Cover Size



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