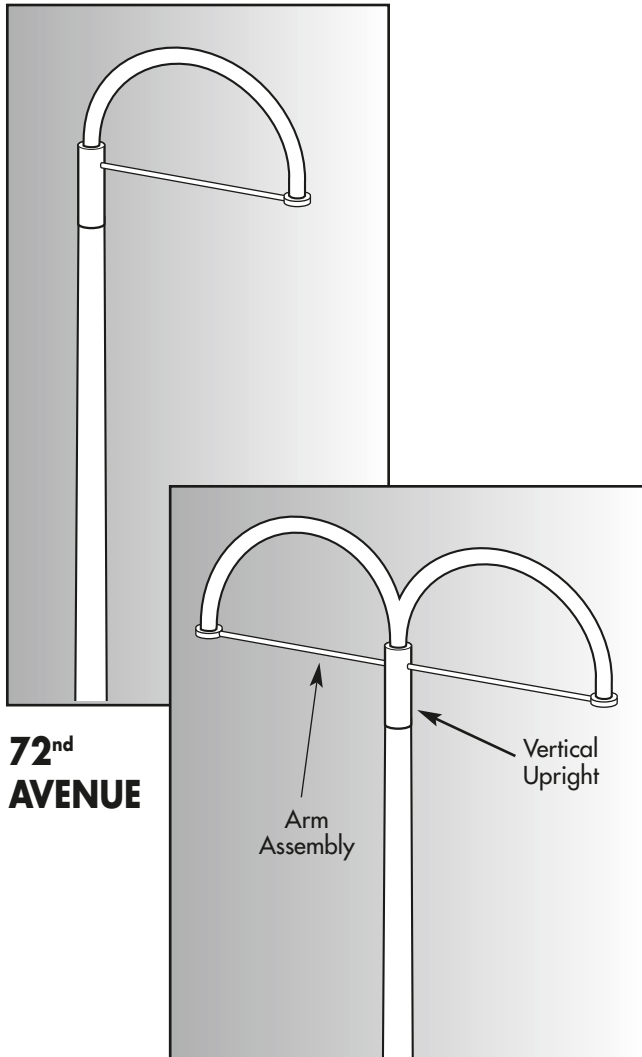


# ALUMINUM POLE TOP ASSEMBLIES

## 72<sup>nd</sup> AVENUE SERIES "PTA-AV72"



**72<sup>nd</sup>  
AVENUE**

### SPECIFICATIONS

**Pole Top Construction:** All components are formed from an extruded seamless 6063 alloy aluminum tube. The size of the vertical upright is 4" O.D. and allows for a smooth pole combination using a tenon interface. The vertical upright drops over the pole top tenon. Luminaire arm assemblies are manufactured with a bent 2-3/8" O.D. extruded 6063 alloy aluminum tube and a horizontal aluminum bar. All components are welded together.

**Luminaire Mounting:** Luminaire arms may be specified with the "D2" 1-1/2" hub down. It is supplied with a 1-1/2" female threaded coupling. A 1-1/2" male threaded coupling is also provided to adapt to female hub luminaires. A stainless steel hex drive set screw is provided in the female coupling as an anti-rotation locking device.

**Pole Top Assembly Mounting to Pole:** Pole top assemblies are mounted to Avenue shafts with the "PA" pole top tenon. This must be ordered with the pole to accommodate a pole top assembly. The pole top assembly is secured to the pole by two sets of three stainless steel set screws at 120° located on the vertical upright.

**Pole Top Caps:** Pole top cap options "P" – point, "B" – ball and "D" – half dome are manufactured of cast aluminum. The "P" – point cap is a cast aluminum shape with a cast aluminum half dome fit together to form a one-piece assembly. These three options are mounted to the pole top assembly with three stainless steel fasteners. The "F" – flat top cap is a one-piece push-in style polypropylene part that is available in black finish only.

**Finish:** The finish for the pole top assembly is polyester powder applied coating in accordance with Valmont Industries' Specifications.

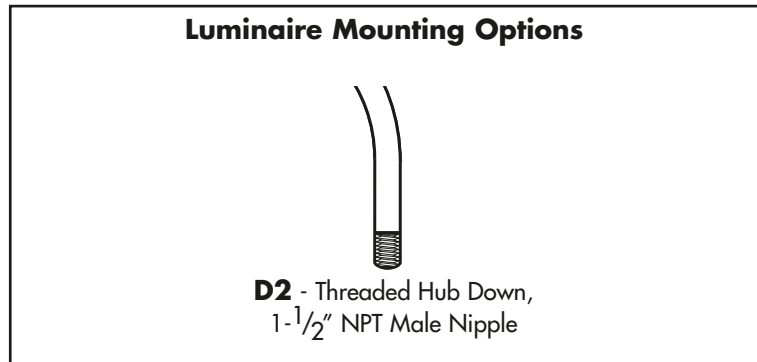
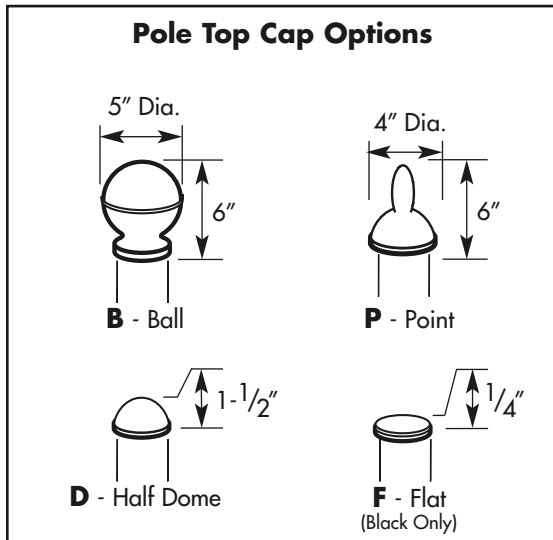
### CATALOG LOGIC

<b>POLE TOP ASSEMBLY</b> <b>P T</b>	<b>MATERIAL</b> <b>A</b>	<b>SERIES</b> <b>A V 7 2</b>	<b>NUMBER OF ARMS</b> _____	<b>ARM SPAN</b> <b>S T</b>	<b>LUMINAIRE MOUNTING</b> _____	<b>POLE TOP CAP</b> _____	<b>FINISH</b> _____
<b>POLE TOP ASSEMBLY</b> PT = Pole Top Assembly	<b>MATERIAL</b> A = Aluminum	<b>SERIES</b> AV72 = 72nd Avenue	<b>NUMBER OF ARMS</b> 1 = Single 2 = Double @ 180°	<b>ARM SPAN</b> ST = Short SS = Special Span (Please Specify)	<b>LUMINAIRE MOUNTING</b> D2 = Threaded Hub Down 1-1/2" NPT Male Nipple ST = Special Mounting	<b>POLE TOP CAP</b> B = Ball P = Point D = Half Dome F = Flat (BK Only)	<b>VERTICAL UPRIGHT, ARM ASSEMBLY, POLE TOP CAP FINISH</b> WH = White SL = Silver HG = Hunter Green BK = Black BR = Burgundy AB = Azure Blue MB = Medium Bronze RD = Red BV = Dark Blue Violet SG = Slate Grey CG = Copper Green SC = Special Color (Please Specify) ST = Sandstone BG = Blue Green

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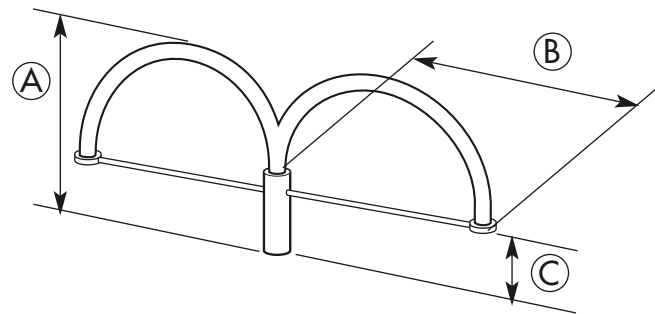
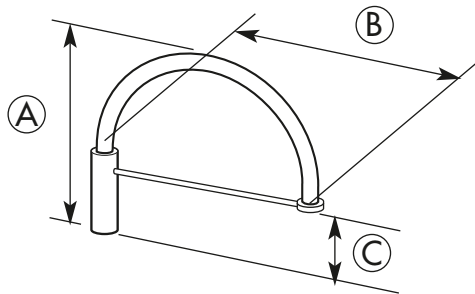
### POLE TOP CAP AND LUMINAIRE MOUNTING OPTIONS



### STANDARD DIMENSIONAL AND LOAD DATA

Single Arm

Double Arm  
 2 @ 180°



**NOTE:** Dimensions DO NOT include pole top caps.

POLE TOP SERIES	DIMENSIONS			LOAD DATA	
	(A) OVERALL HEIGHT	(B) HORIZ. DISTANCE TO LUMINAIRE	(C) HEIGHT TO LUMINAIRE ABOVE POLE TOP	POLE TOP ASSEMBLY EPA (SQ FT)	POLE TOP ASSEMBLY WEIGHT (LBS)
Single Arm PTA-AV72-1-ST-(M)-(TC)-(TF)	3'	2'	1' - 3"	1.63	14
Double Arm (2 @ 180 Degrees) PTA-AV72-2-ST-(M)-(TC)-(TF)	3'	2'	1' - 3"	2.9	24

**"PTA" Aluminum Pole Top Assemblies Ordering Notes:**

- 1) Replace (M) with Luminaire Mounting Selection, (TC) with Pole Top Cap Selection and (TF) with Pole Top Assembly Finish Selection. See Catalog Logic for choices.
- 2) Pole Top Assembly weight and EPA must be added to luminaire load data to determine appropriate pole size. Pole top assemblies are designed for a maximum load of 120 lbs and 5.0 EPA per luminaire.

### 3-AV-12B