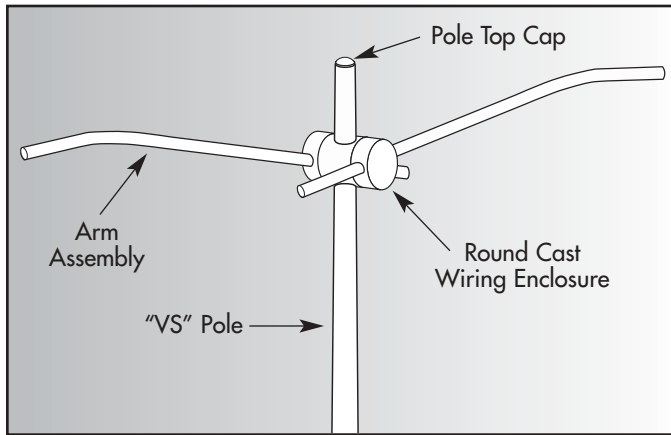


**SPECIFICATIONS**

**Luminaire Arm Assemblies:** Luminaire arms are manufactured from 2-3/8" O.D. extruded 6063 alloy aluminum tube and are heat-treated to produce a T6 temper. These are polished with fine grain aluminum oxide cloths, resulting in a high quality circumferential satin-brushed surface. Arm attachment is accomplished with a one-piece round aluminum casting that slips over the one-piece pole and is held in place with eight stainless steel screws at 90°. A 1-1/2" diameter deburred hole aligns with the inside of the casting for luminaire wiring. The arm is mounted to the pole casting with a matching slip over round aluminum casting. This casting is attached to the arm with 4 stainless steel hex drive set screws at 90°. The casting allows the arm to mount vertical, horizontal and adjustable to 5°, 10°, and 15° above horizontal. Two cast aluminum cover plates are provided with stainless steel fasteners to enclose the wiring area. Pole top assembly Vista Series "PTA-VS4" can be only used with "VS" pole.

**VISTA PTA-VS4**

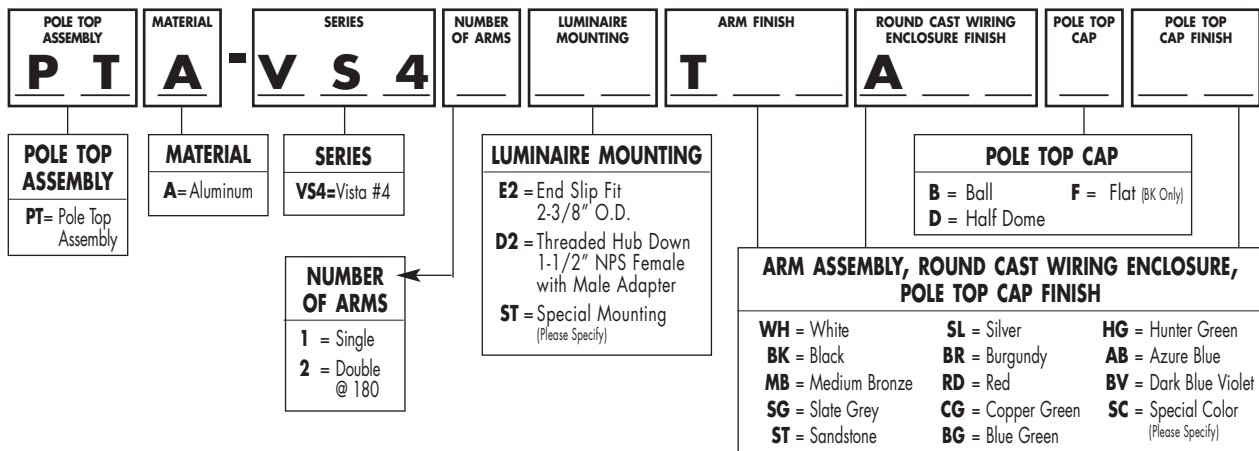


**Luminaire Mounting:** Luminaire arms may be specified with the "D2" - hub down or "E2" - end slip fit options. The "D2" option is supplied with a 1-1/2" female threaded coupling welded 1" from the end of the arm pointing down. A 1-1/2" male threaded coupling is provided to adapt to female hub luminaires. A stainless steel hex drive set screw is provided in the female coupling as an anti-rotation locking device. A 1-1/2" diameter deburred hole aligns with the center of the aluminum casting on the vertical upright for wiring. Open ends of the arms are provided with black polypropylene flat push-in caps.

**Pole Top Caps:** Pole top cap options "B" - ball and "D" - half dome are manufactured of spun aluminum components formed together to make a single assembly. These options are mounted with two stainless steel fasteners. The "F" - flat top cap is a one-piece push in style polypropylene part that is available in black finish only.

**Finishes:** The finish for the pole top assemblies is polyester powder applied coating in accordance with Valmont Industries' Specifications. Pole top assemblies may have different finishes on pole and arm, round cast wiring enclosure and pole top cap.

**CATALOG LOGIC**





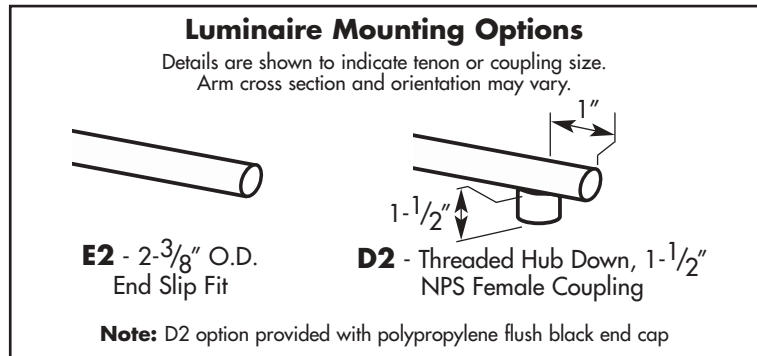
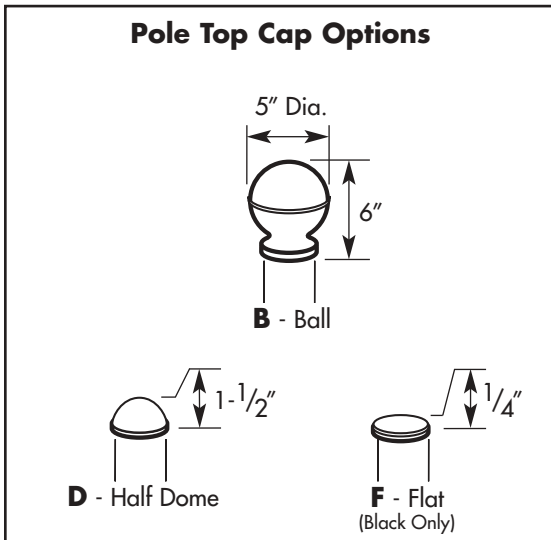
# ALUMINUM POLE TOP ASSEMBLIES VISTA SERIES "PTA-VS4"



STRUCTURES

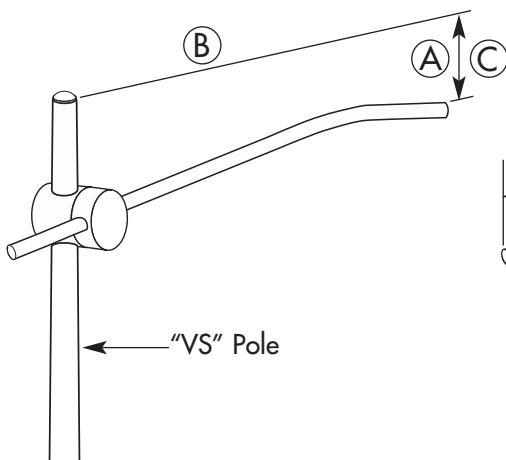
CITY QUARTZ ALUMINUM

## POLE TOP CAP AND LUMINAIRE MOUNTING OPTIONS

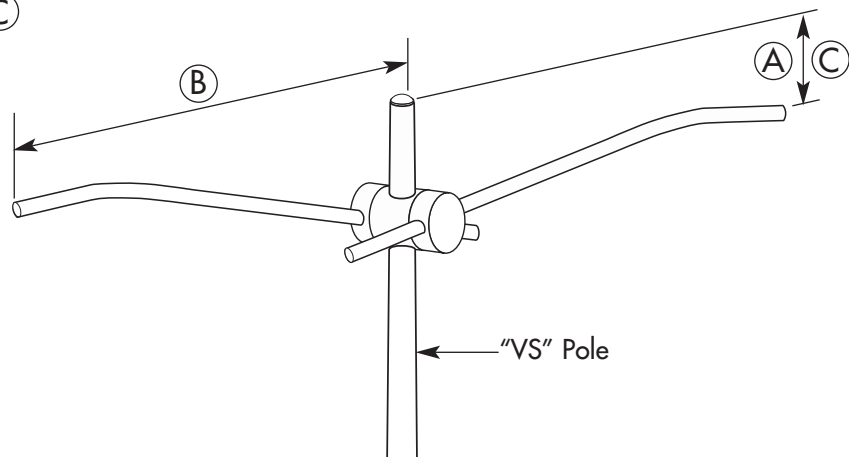


## STANDARD DIMENSIONAL AND LOAD DATA

### Single Arm



### Double Arm 2 @ 180°



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

POLE TOP SERIES	DIMENSIONS			LOAD DATA	
	(A) HEIGHT OF ARM ASSEMBLY BELOW POLE TOP	(B) HORIZ. DISTANCE TO LUMINAIRE	(C) HEIGHT OF LUMINAIRE BELOW POLE TOP	POLE TOP ASSEMBLY EPA (SQ FT)	POLE TOP ASSEMBLY WEIGHT (LBS)
Single Arm PTA-VS4-1-(M)-(AF)-(RF)-(TC)-(TF)	6"	6' - 0"	4"	3.3	28
Double Arm (2 @ 180 Degrees) PTA-VS4-2-(M)-(AF)-(RF)-(TC)-(TF)	6"	6' - 0"	4"	5.2	42

SPC7039 06/05

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

- 1) Replace (M) with Luminaire Mounting Selection, (AF) with Arm Assembly Finish Selection, (RF) with Round Cast Wiring Enclosure Finish Selection, (TC) with Pole Top Cap Selection and (TF) with Pole Top Cap 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.