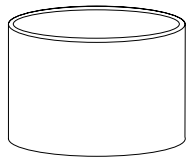
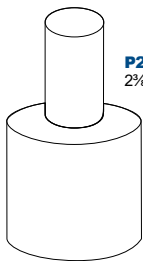


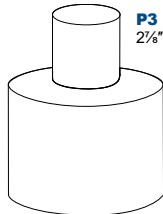
## Straight Round Aluminum Poles



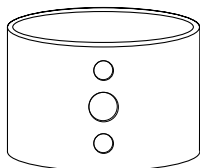
**5" Round**



**P2**  
2 1/2" x 4" Tenon



**P3**  
2 1/2" x 3" Tenon



**Side Drills:**  
1 Side, 2 at 180°,  
3 at 90°, 4 at 90°

Straight Round Aluminum poles are built from extruded aluminum tube with a high-strength die cast aluminum base and are available side drilled for arm mounted area lighting luminaires or with tenon mounts for flood and post top luminaires. Typical area lighting applications include retail centers, industrial parks, schools and universities, public transit and airports, office buildings and medical facilities. Mounting heights of 16 to 25 feet can be used based on selected luminaire application.

### Specifications and Features:

#### Pole Specifications:

The Pole Shaft is of Uniform Wall Thickness and is One-Piece Extruded 6063 Aluminum Alloy With T6 Temper, Available in 5" Diameter. Anchor Base is Die Cast From 356 Alloy Aluminum and is Heat Treated to a T6 Temper After Welding. Wall Thickness: 5mm (.196").

#### Finish:

Textured Architectural Black Powdercoat Finish, Baked to Ensure Maximum Paint Adhesion, Hardness and Durability.

#### Anchor Bolts:

Anchor Bolts are Included, Sized Based on Pole Data Charts for the Selected Pole Size.

#### Hand Hole:

Die Cast Aluminum Reinforced Hand Hole and Cover with Ground Screw.

#### Base Cover

Poles are Provided with a Two-Piece Formed Aluminum Base Cover that is Easily Assembled and Fitted Over Pole Base.

#### Pole Length:

Poles are Available in Standard Lengths as Shown in the Order Matrix. Poles can be Custom Cut to Order. Consult Factory.

#### Mounting Options:

Available Side Drilled for 1 side, 2@180 Degrees, 3@90 Degrees or 4@90 Degrees, Includes UV-Stabilized Polycarbonate Top Cover.

Poles May Also Be Ordered With 2 3/8" OD or 2 1/8" OD Tenons for Use With Post Top Decorative Luminaires, Flood/Area Slip Fitter Fixtures, or Any of a Wide Variety of Pole Top Mounting Accessories.

### Project Information:

Project Name:

Fixture Type:

Complete Catalog #:

Date:

Comments:

### Notes:

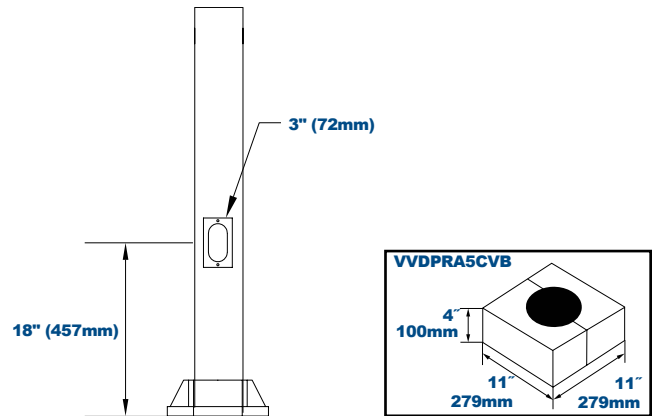
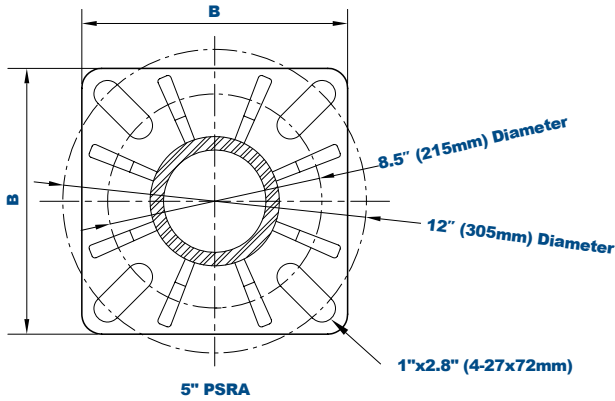
1. Side Drilled poles include UV-stabilized polycarbonate pole cap.
2. All poles include anchor bolts standard, consult dimension table for size based on pole dimensions.
3. All poles include square 2-piece black base cover.

<b>Order Information Example:</b>		VVDPSRA2555BP3LBC		***Adder Applies	
<b>VVDPSRA</b>	<b>2555</b>	<b>B</b>			
<b>Model</b>	<b>Height/Shaft/Gauge</b>	<b>Color</b>	<b>Pole Top Mounting</b>	<b>Options</b>	
	5" Round 5mm Wall				
<b>VVDPSRA</b> Round Aluminum Pole	2555=25' CUT=Pole Cutting***	B=Black CS=Custom (Adder Applies)	D=Drilled for Tenon (Tenon Not Included) D1=Drilled 1 Side D2=Drilled 2 Sides at 180 D3=Drilled 3 Sides at 90 D4=Drilled 4 Sides P2=2½ x 4"H Tenon*** P3=2½ x 3"H Tenon*** N=No Pole Top Mounting	(Leave Blank)=No Options LAB=Less Anchor Bolts (2) LBC=Less Base Cover (3)	

<b>Wind Loading and Dimensional Data:</b>																			
Pole Description		80 MPH		90 MPH		100 MPH		110 MPH		120 MPH		130 MPH		140 MPH		150 MPH		Structure Weight (LBS)	
Shaft Size & Wall Thickness	Mounting Height	Max EPA (SQ FT)	Max Weight (LBS)	Max EPA (SQ FT)	Max Weight (LBS)	Max EPA (SQ FT)	Max Weight (LBS)	Max EPA (SQ FT)	Max Weight (LBS)	Max EPA (SQ FT)	Max Weight (LBS)	Max EPA (SQ FT)	Max Weight (LBS)	Max EPA (SQ FT)	Max Weight (LBS)	Max EPA (SQ FT)	Max Weight (LBS)	Max EPA (SQ FT)	Max Weight (LBS)
5" Round, 5mm Wall	16' - 0"	10.1	200	8.6	100	6.6	100	5.3	100	4.4	100	3.6	100	3.0	100	2.5	100	100	72
	18' - 0"	8.0	255	6.8	100	5.1	100	4.1	100	3.3	100	2.7	100	2.2	100	1.8	100	100	81
	20' - 0"	6.4	150	5.2	100	3.8	100	3.0	100	2.3	100	1.9	100	1.5	100	1.2	100	100	90
	25' - 0"	4.0	200	3.4	100	2.4	100	1.7	100	1.2	100	0.8	100	0.6	100	-	-	100	112

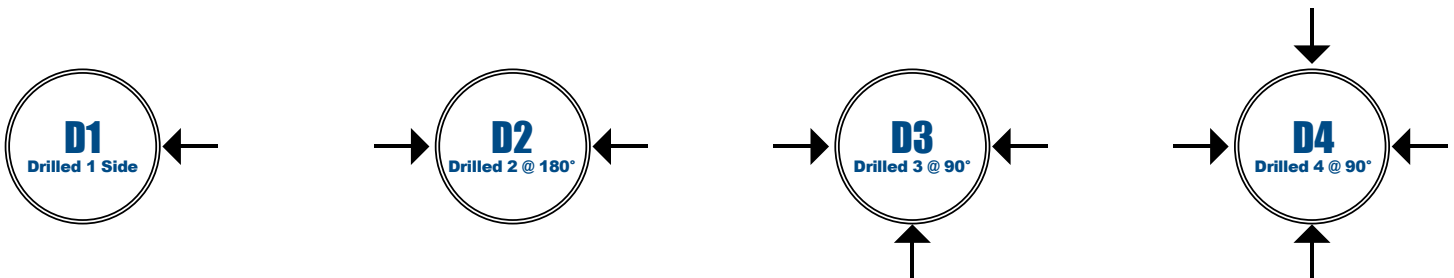
- NOTES:**
1. Maximum EPA (Effective Projected Area) and weight values are based on AASHTO 2013 (90-150MPH) and AASHTO 2008 (80MPH).
  2. Consult factory on loading criteria for pole top mounted luminaires and/or brackets.
  3. Variations from sizes above are available upon inquiry at the factory.
  4. Satisfactory performance of poles is dependent upon the pole being properly attached to a supporting foundation of adequate design.
  5. Structure weight is a nominal value which includes the pole shaft and base plate only.

**Pole Data:**



Shaft Base Size	Bolt Circle A	Base Size B	Base Thickness C	Bolt Projection	Anchor Bolt Size
VVDPSRA	8.5"-12" (215-305mm)	10.5" (267mm)	1"	4"	M20 x 27½"

**Pole Top Mounting:**



## Straight Round Aluminum Poles

### PB Series

#### Cast Aluminum Decorative Clamshell Bases

Decorative Clamshell Bases are designed to create a clean decorative look and cover pole base anchoring hardware. Two styles are available in matching finish to coordinate with pole selection.

#### Specifications and Features:

##### Clamshell Bases:

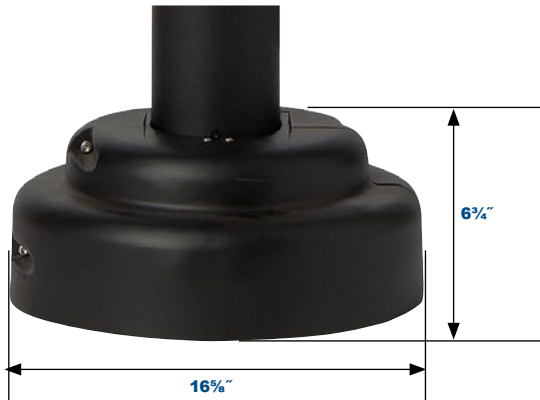
Die cast aluminum, Stainless Steel Hardware. VVDPBR1 and VVDPBS1 include sets of inserts that allow use on 5" round poles.

##### Finish:

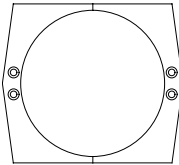
Textured architectural powdercoat finish, baked to ensure maximum paint adhesion, hardness and durability.

##### Pole Fit:

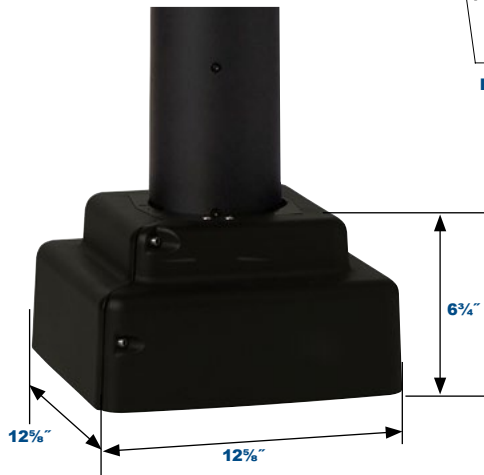
Bases are designed to fit poles based on dimensions shown.



**VVDPBR1**



Round 5" Inserts.



**VVDPBS1**



Smooth Pole  
5" Dia  
VVDPBSRA

Can be used with VVDPBSRA, VVDPARS, VVDPARF, VVDPRTS, and VVDPSSS Poles.

#### Order Information Example:

VVDPBR1B

Model	Color
VVDPBR1=Round Base VVDPBS1=Square Base	<b>B</b> =Black <b>P</b> =Platinum (PBR1 Only) <b>Z</b> =Bronze <b>C</b> =Custom (Consult Factory)

#### Project Information:

Project Name: \_\_\_\_\_ Fixture Type: \_\_\_\_\_

Complete Catalog #: \_\_\_\_\_ Date: \_\_\_\_\_

Comments: \_\_\_\_\_

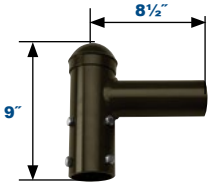
#### Notes:

## Straight Round Aluminum Pole Mounting Options (Order separately, field installed.)

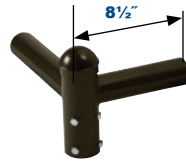
### Spoke Brackets:

Bronze Finish, Spoke Bracket have 7" Arms. Fit 2½" (P2) Tenons.

All VVDPTSB Spoke Brackets are 9" high from the bottom edge to the top center of the cap



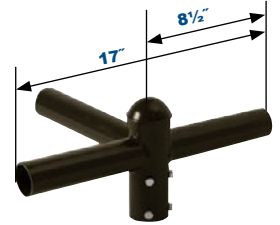
Single Spoke Bracket  
VVDPTSB1SZ



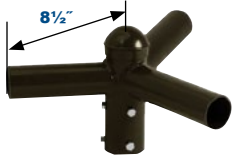
Twin Spoke Bracket,  
90° Arms  
VVDPTSB290SZ



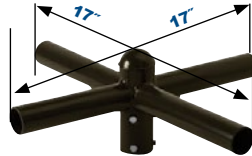
Twin Spoke Bracket,  
180° Arms  
VVDPTSB2180SZ



Triple Spoke Bracket,  
90° Arms  
VVDPTSB390SZ\*



Triple Spoke Bracket,  
120° Arms  
VVDPTSB3120SZ\*

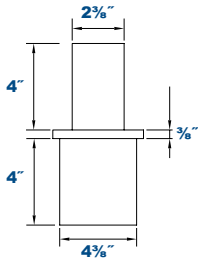


Quad Spoke Bracket,  
90° Arms  
VVDPTSB490SZ\*

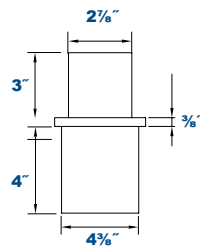
\*Non-stock item. Consult factory for lead time.

### 5" Vertical Tenon Pole Top Fitters:

Black Finish



2½" Single Round  
Vertical Tenon (P2)  
VVDPSRA52B

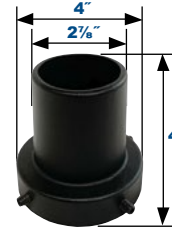


2½" Single Round  
Vertical Tenon (P3)  
VVDPSRA53B

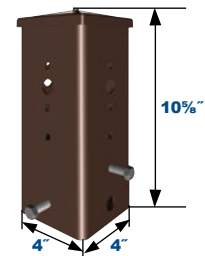
Fits 5" VVDPRSA Poles

### Tenon Adaptors:

Fit 2½" (P2) Tenons.

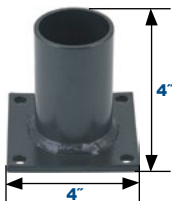


Retrofit Tenon Adaptor for  
2½" Tenons  
VVDPSRTNB

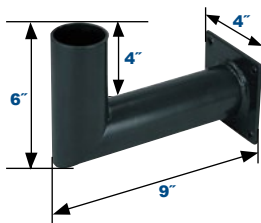


Pole Tenon Adaptor  
VVDPTASUNVZ

### Wall Mounting Bracket:



Wall Mount Bracket  
VVDPRSWMBZ



Wall Mount 90° Bracket  
VVDPRSWMB90Z  
Wt lbs 4.5, EPA 0.3

### Replacement Parts:



VVDPRA5CVB

#### Replacement Parts (Order Separately, Field Installed)

VVDPRA5CVB Base Cover for 5" Pole, Black Finish

VVDPAB34X30 M20 x 27½" Anchor Bolts, Set of 4