

# Vela 5 - Standard



High performing 5-inch aperture cylinder with delivered lumen package of 1570 lm – 5000 lm. Available with aluminum and polycarbonate shroud accessories. Suitable for general illumination for a wide variety of project applications.

Quantity	Type
Project	Note

### Electrical System

- 1620 lm (15W – STD)
- 2800 lm (25W – STD)
- 3850 lm (35W – STD)
- 5000 lm (45W – STD)
- Power Input: Universal (120-277V)
- Operating Temperature: -13°F~112°F
- Surge Protection: 4KV

### LED Technology

- 3000K, 3500K, 4000K
- 85 CRI
- Beam Angle: 10°, 30°, 45°, 55°
- Rated Life > 60,000 hours (L70)

### Advanced Dimming

Proprietary VX Driver is incorporated to all dimming options for video flicker-free lighting

- Superior 0-10V: dims to off

### Mounting

- Surface Mount
- Cord Mount 10ft
- Stem 2ft or 4ft
- Adjustable Aircraft Cable 10ft
- Sloped Adjustable Aircraft Cable 10ft

### Housing

- Diameter: 5.3" (135mm)
- Luminaire Height:
  - Standard / 9.7" (294mm)
  - PCS & FRS 12 / 14" (246mm)
  - PCS & FRS 16 / 17" (355mm)
  - ALS 12 / 14" (246mm)
  - ALS 16 / 17" (355mm)
- Material: Aluminum
- Weight:
  - Standard / 3.8 lbs
  - PCS & FRS 12 / 4.9 lbs
  - PCS & FRS 16 / 4.9 lbs
  - ALS 12 / 5.1 lbs
  - ALS 16 / 5.1 lbs

### Warranty

- 5 years limited warranty.

### Listing

- ELT Damp Location Listed
- FCC
- CE



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## How To Specify:

**Ordering Example:VA5-45-408-UNV-SPV-STD-45-BLK-CM10**

**4-5 weeks lead time on over 75% of specifications.**

Model	Wattage		CCT / CRI		Voltage		Dimming		Type
VA5					UNV		SPV		
VA5	<b>15</b>	15W	<b>308</b>	3000K / CRI85	<b>UNV</b>	120-277V	<b>SPV</b>	0-10V dims to off	<b>STD</b> Standard Cylinder
Vela 5	<b>25</b>	25W	<b>358</b>	3500K / CRI85					<b>PCS12</b> Polycarbonate Shroud 12"
	<b>35</b>	35W	<b>408</b>	4000K / CRI85					<b>PCS16</b> Polycarbonate Shroud 16"
	<b>45</b>	45W							<b>FRS12</b> Frosted PC Shroud 12"
									<b>FRS16</b> Frosted PC Shroud 16"
									<b>ALS12</b> Aluminum Shroud 12"
									<b>ALS16</b> Aluminum Shroud 16"

Beam Angle		Finish		Mounting		Accessories	
<b>10</b>	10°	<b>BLK</b>	Black	<b>SUM</b>	Surface Mount	<b>CON</b> <sup>2,3</sup>	Conical Lens
<b>30</b>	30°	<b>WHT</b>	White	<b>CM10</b> <sup>1</sup>	Cord Mount 10ft		
<b>45</b>	45°			<b>ST2</b>	Stem 2ft		
<b>55</b>	55°			<b>ST4</b>	Stem 4ft		
				<b>AD10</b>	Adjustable Cable 10ft		
				<b>SAD10</b>	Sloped Adjustable Cable 10ft		
*Beam Angles only apply to STD fixture				<sup>1</sup> CM10 only applies to STD fixture		<sup>2</sup> Please factor in -15% change in lumen output with CON	
						<sup>3</sup> CON not available with FRS12	

## Current Consumption

Wattage	Volt	
	120V	277V
15W	0.14A	0.06A
25W	0.23A	0.10A
35W	0.32A	0.14A
45W	0.42A	0.18A

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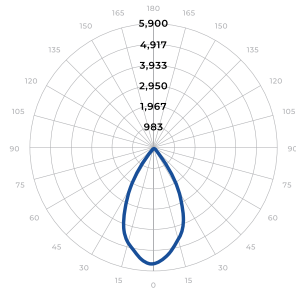


## Delivered Lumens\*

Wattage	15W	25W	35W	45W	Wattage	15W	25W	35W	45W	Wattage	15W	25W	35W	45W
	STD					ALS 12					PCS 12			
CCT					CCT					CCT				
4000K	1620 lm	2800 lm	3850 lm	5000 lm	4000K	1320 lm	2250 lm	3080 lm	4000 lm	4000K	1280 lm	2150 lm	2970 lm	3820 lm
3500K	1600 lm	2770 lm	3810 lm	4900 lm	3500K	1300 lm	2240 lm	3050 lm	3960 lm	3500K	1260 lm	2150 lm	2950 lm	3810 lm
3000K	1570 lm	2710 lm	3730 lm	4800 lm	3000K	1280 lm	2190 lm	2990 lm	3880 lm	3000K	1240 lm	2110 lm	2890 lm	3730 lm

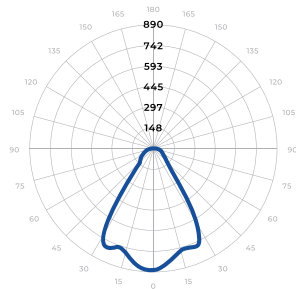
\*Tolerance±8% | Beam Angle: 55°

## Typical Photometry Summary



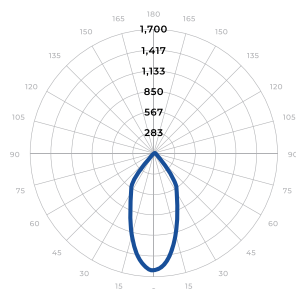
### STD

Total delivered lumens: 2800 Lumens  
 Input watts at 120V: 25W  
 Efficacy: 112 Lumens/Watt  
 Source: LED  
 Beam Angle: 55°  
 CCT/CRI: 4000K/85CRI



### PCS 12

Total delivered lumens: 2150 Lumens  
 Input watts at 120V: 25W  
 Efficacy: 86 Lumens/Watt  
 Source: LED  
 CCT/CRI: 4000K/85CRI

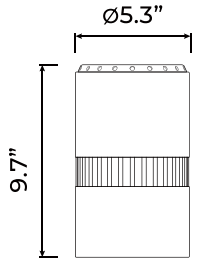


### ALS 12

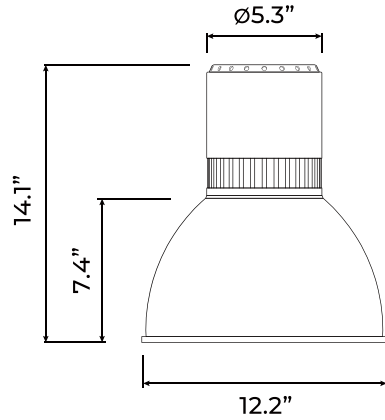
Total delivered lumens: 2250 Lumens  
 Input watts at 120V: 25W  
 Efficacy: 90 Lumens/Watt  
 Source: LED  
 CCT/CRI: 4000K/85CRI

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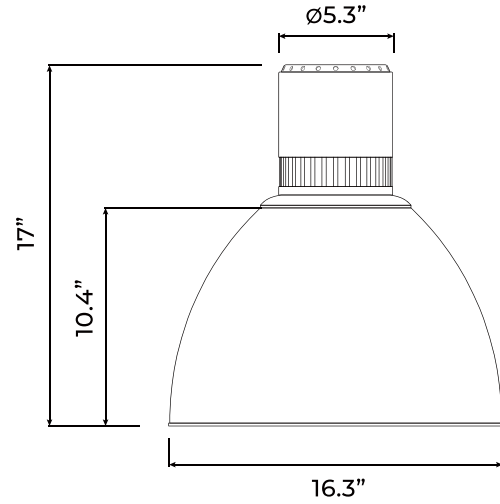
## Dimensions



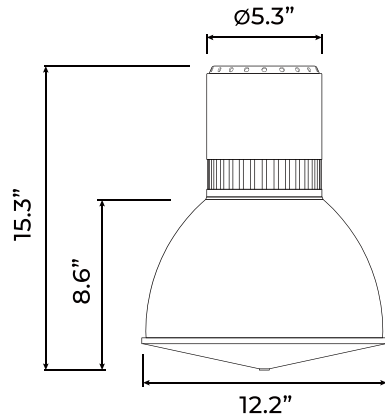
Standard Cylinder



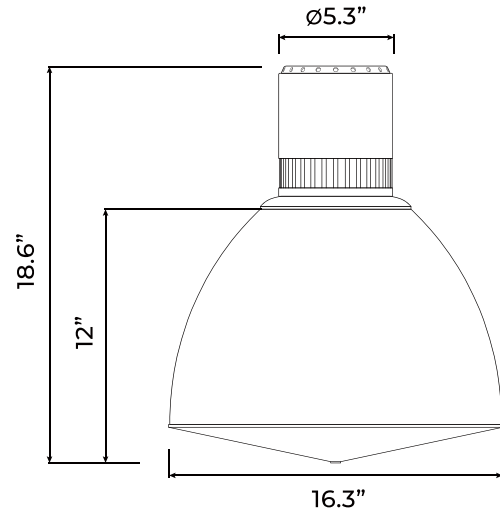
Aluminum Shroud 12"  
Polycarbonate Shroud 12"



Aluminum Shroud 16"  
Polycarbonate Shroud 16"



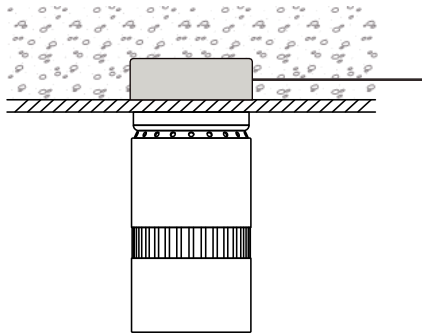
Conical Lens 12"



Conical Lens 16"

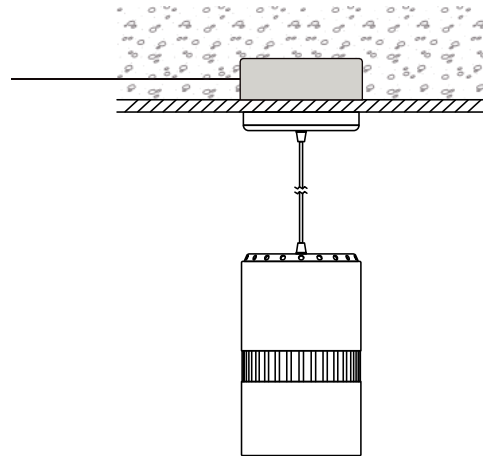
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## Mounting Options

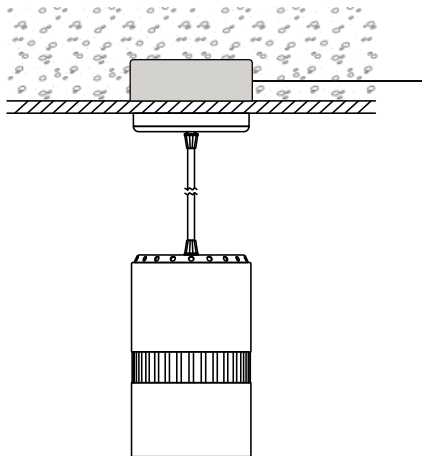


Surface Mount

Junction Box  
(Not included)

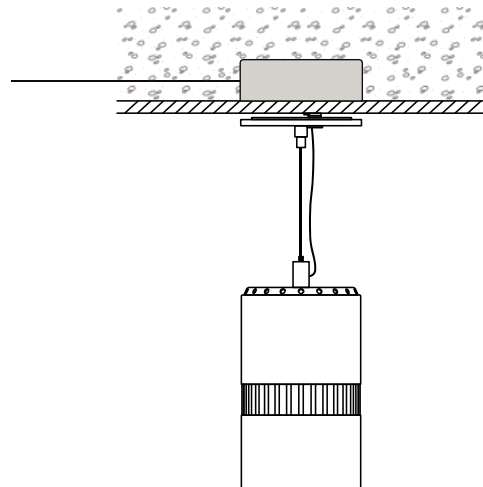


Cord Mount 10ft



Stem Mount 2ft /4ft

Junction Box  
(Not included)



Aircraft Cable