

Vela 6 - Standard



New high performing 6-inch aperture cylinder with lumen output of 2,794 – 11,605 lm. Available in Aluminum Shrouds, Polycarbonate Shrouds, Translucent Acrylic Diffuser or Clear Acrylic Diffuser options. Suitable for general illumination in a wide variety of project applications.

Quantity	Type
Project	Note

Electrical System

- 9480lm (100W / STD)
- 11090lm (100W / ACS)
- 10536lm (100W / ALS)
- 5929lm (100W / TAD)
- 11605lm (100W / CAD)
- Power Input: Universal (120-277V)
- Operating Temperature: -13°F~112°F
- Surge Protection: 4KV
- Remote Emergency Pack: Bodine BSL20LV

LED Technology

- 3000K, 3500K, 4000K
- 85 CRI
- Beam Angle: 80°
- Rated Life > 100,000 hours (L70)

Advanced Dimming

- (Proprietary VX Driver is incorporated to all dimming options for video flicker-free lighting)
- **Standard 0-10V:** dims to 10%

Housing

- Diameter: 6.4" (164mm)
- Height: Standard / 11.6" (294mm)
- Diffuser / 21.2" (538mm)
- Shroud 16" / 20.4" (518mm)
- Shroud 19" / 21.9" (556mm)
- Shroud 22" / 23.2" (584mm)
- Material: Aluminum, Acrylic
- Weight: Standard / 11.2 lbs
- Diffuser / 12.6 lbs
- Aluminum Shroud 16" / 14.1 lbs
- Aluminum Shroud 19" / 17.2 lbs
- Aluminum Shroud 22" / 21.2 lbs
- Polycarbonate Shroud 16" / 13.2 lbs
- Polycarbonate Shroud 19" / 16.3 lbs
- Polycarbonate Shroud 22" / 18.3 lbs

Mounting

- Stem 2ft or 4ft
- Adjustable Aircraft Cable 10ft

Warranty

- 5 years limited warranty.

Listing

- ETL Damp Location Listed
- FCC
- CE



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How To Specify:

Ordering Example:VA6-ALS16-100-408-UNV-STV-BLK-ST2

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

Model	Type	Wattage	CCT / CRI	Voltage
VA6				UNV
VA6 Vela 6	STD Standard ALS16 Aluminum Shroud 16" ALS19 Aluminum Shroud 19" ALS22 Aluminum Shroud 22" PCS16 Polycarbonate Shroud 16" PCS19 Polycarbonate Shroud 19" PCS22 Polycarbonate Shroud 22" TAD Translucent Acrylic Diffuser CAD Clear Acrylic Diffuser	50 50W 75 75W 100 100W	308 3000K / CRI85 358 3500K / CRI85 408 4000K / CRI85	UNV 120-277V

Dimming	Finish	Mounting	Accessories
STV			
STV Standard 0-10V dims to 10%	BLK Black WHT White	ST2 Stem 2ft ST4 Stem 4ft AD10 Adjustable Cable 10ft	SPD ¹ Surge Protector EMP Remote Emergency Pack CON ^{2,3} Conical Lens ¹ Surge protector for up to 10KV. Applicable for unstable mains or facilities using high power machinery. ² Please factor in -15% change in lumen output with conical lens. ³ Only available with ALS16, PCS16/19/22

Current Consumption

Wattage \ Volt	120V	277V
50W	0.46A	0.20A
75W	0.68A	0.30A
100W	0.92A	0.40A

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Delivered Lumens*

Wattage	50W	75W	100W
	STD		
CCT			
4000K	4740 lm	7110 lm	9480 lm
3500K	4598 lm	6897 lm	9196 lm
3000K	4468 lm	6702 lm	8936 lm

*Tolerance±8%

Wattage	50W	75W	100W
	PCS		
CCT			
4000K	5545 lm	8318 lm	11090 lm
3500K	5379 lm	8068 lm	10757 lm
3000K	5227 lm	7840 lm	10453 lm

*Tolerance±8%

Wattage	50W	75W	100W
	ALS		
CCT			
4000K	5268 lm	7902 lm	10536 lm
3500K	5109 lm	7665 lm	10220 lm
3000K	4965 lm	7448 lm	9930 lm

*Tolerance±8%

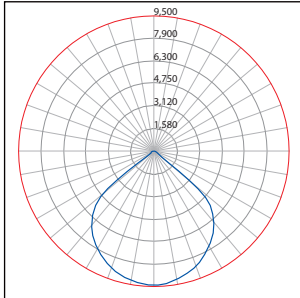
Wattage	50W	75W	100W
	TAD		
CCT			
4000K	2965 lm	4447 lm	5929 lm
3500K	2876 lm	4314 lm	5751 lm
3000K	2794 lm	4191 lm	5588 lm

*Tolerance±8%

Wattage	50W	75W	100W
	CAD		
CCT			
4000K	5803 lm	8704 lm	11605 lm
3500K	5629 lm	8443 lm	11257 lm
3000K	5470 lm	8204 lm	10939 lm

*Tolerance±8%

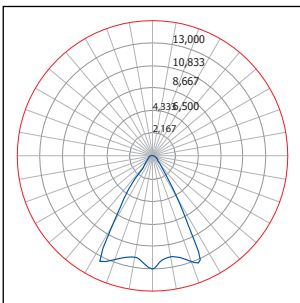
Typical Photometry Summary



STD

Descriptive Information

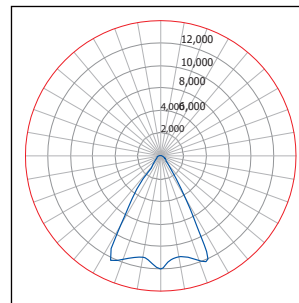
Total delivered lumens: 9,480 Lumens
 Input watts at 120V: 100 W
 Efficacy: 94.8 Lumens/Watt Source: LED
 CCT/CRI: 4000K/85CRI



PCS

Descriptive Information

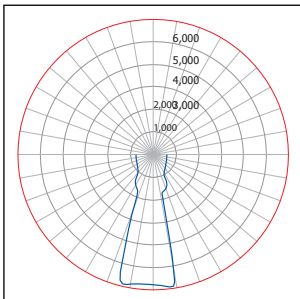
Total delivered lumens: 11,090 Lumens
 Input watts at 120V: 100 W
 Efficacy: 110 Lumens/Watt Source: LED
 CCT/CRI: 4000K/85CRI



ALS

Descriptive Information

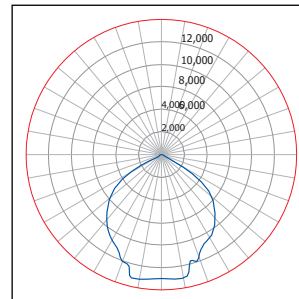
Total delivered lumens: 10,536 Lumens
 Input watts at 120V: 100 W
 Efficacy: 105 Lumens/Watt Source: LED
 CCT/CRI: 4000K/85CRI



TAD

Descriptive Information

Total delivered lumens: 5,929 Lumens
 Input watts at 120V: 100 W
 Efficacy: 59.2 Lumens/Watt Source: LED
 CCT/CRI: 4000K/85CRI



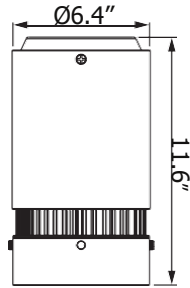
CAD

Descriptive Information

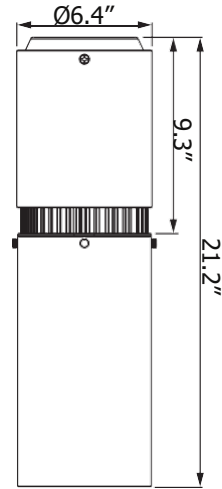
Total delivered lumens: 11,605 Lumens
 Input watts at 120V: 100 W
 Efficacy: 116 Lumens/Watt Source: LED
 CCT/CRI: 4000K/85CRI

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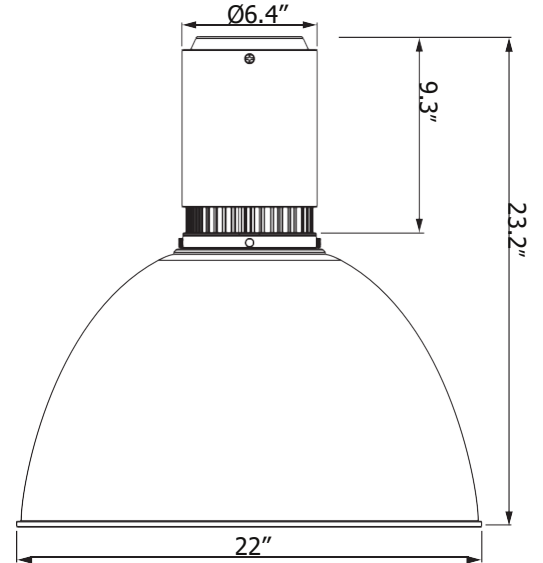
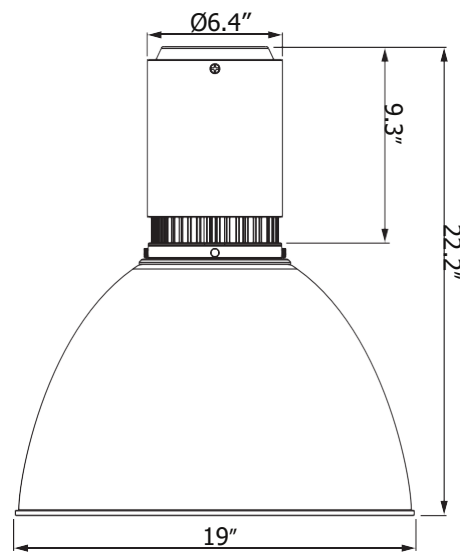
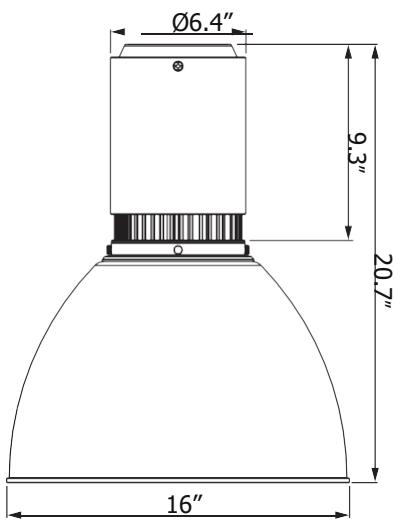
Dimensions



Standard



Diffuser

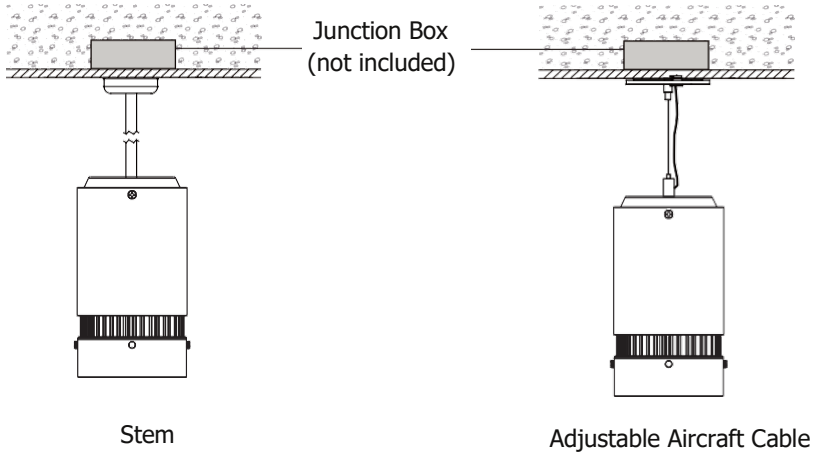


Aluminum Shroud / Polycarbonate Shroud

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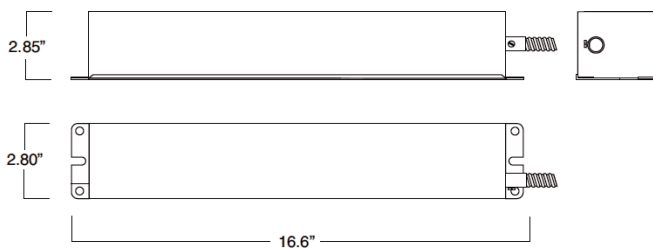
Mounting Options



Emergency Pack Lumen Output Table

CCT	3000K	4000K
Lumen	1760 lm	1890 lm

Remote Emergency Pack



Mounting with standard ceiling recessed Junction BOX

