

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)
- Material: Aluminum, Acrylic
- Weight: Standard / 11.2 lbs
Diffuser / 12.6 lbs
Aluminum Shroud 16" / 14.1 lbs
Aluminum Shroud 19" / 17.2 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	50 50W	308 3000K / CRI85	UNV 120-277V
	ALS16 Aluminum Shroud 16"	75 75W	358 3500K / CRI85	
	ALS19 Aluminum Shroud 19"	100 100W	408 4000K / CRI85	
	PCS16 Polycarbonate Shroud 16"			
	PCS19 Polycarbonate Shroud 19"			
	PCS22 Polycarbonate Shroud 22"			
	TAD Translucent Acrylic Diffuser			
CAD Clear Acrylic Diffuser				

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	SPD¹ Surge Protector EMP Remote Emergency Pack
<small>¹Surge protector for up to 10KV. Applicable for unstable mains or facilities using high power machinery.</small>			

Current Consumption

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

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Delivered Lumens*

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

*Tolerance±8%

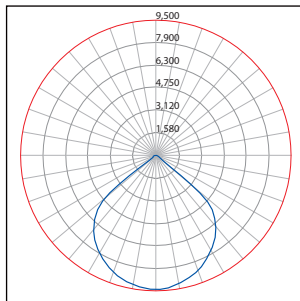
Wattage	50W	75W	100W
CCT	TAD		
4000K	2965 lm	4447 lm	5929 lm
3500K	2876 lm	4314 lm	5751 lm
3000K	2794 lm	4191 lm	5588 lm

*Tolerance±8%

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

*Tolerance±8%

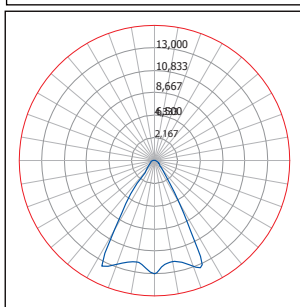
Typical Photometry Summary



STD

Descriptive Information

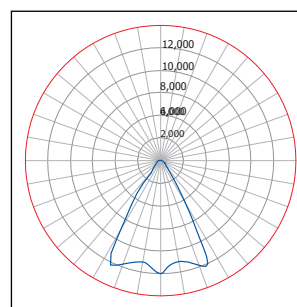
Total delivered lumens: 9,480 Lumens
Input watts at 120V: 100 W
Efficacy: 94.8 Lumens/Watt Source: LED
CCT/CRI: 4000K/85CRI



PCS

Descriptive Information

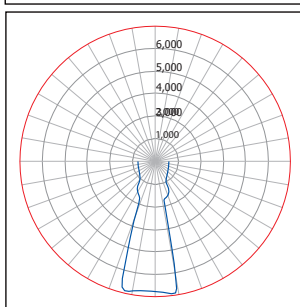
Total delivered lumens: 11,090 Lumens
Input watts at 120V: 100 W
Efficacy: 110 Lumens/Watt Source: LED
CCT/CRI: 4000K/85CRI



ALS

Descriptive Information

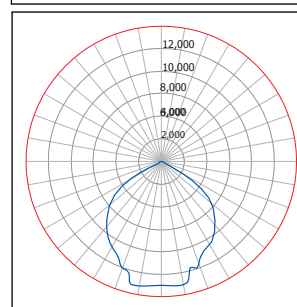
Total delivered lumens: 10,536 Lumens
Input watts at 120V: 100 W
Efficacy: 105 Lumens/Watt Source: LED
CCT/CRI: 4000K/85CRI



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

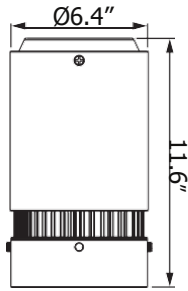
Descriptive Information

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

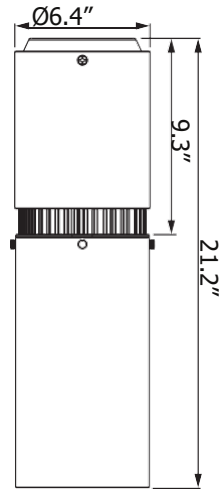
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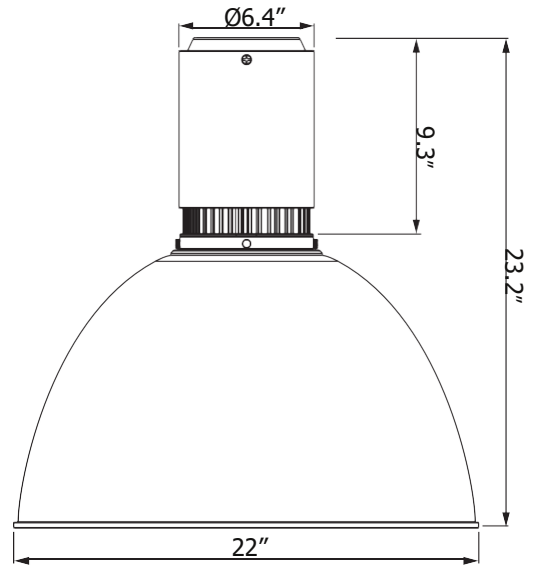
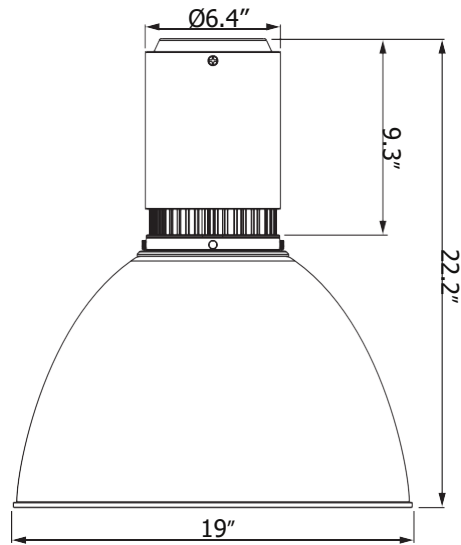
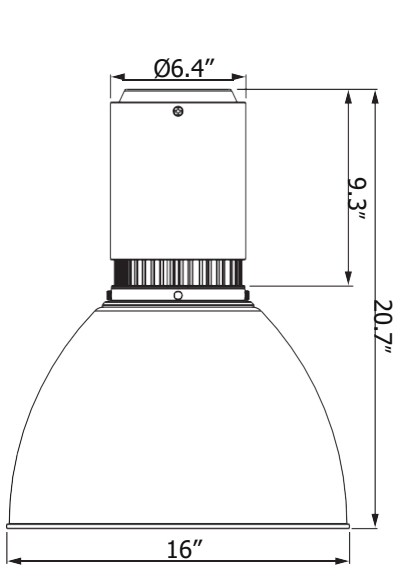
Dimensions



Standard



Diffuser

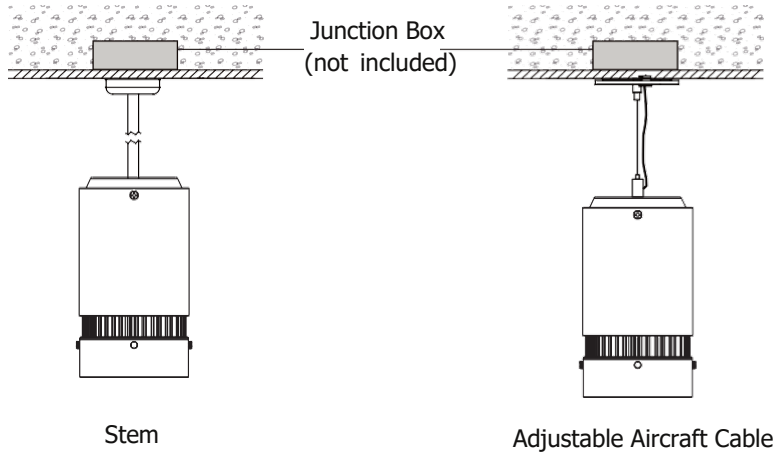


Aluminum Shroud / Acrylic Shroud

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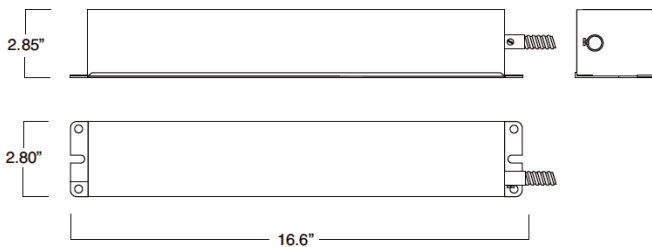
Mounting Options



Emergency Pack Lumen Output Table

CCT	3000K	4000K
Lumen	1760 lm	1890 lm

Remote Emergency Pack



Mounting with standard ceiling recessed Junction BOX

