

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 / PCS16)
- 10536lm (100W / ALS16)
- 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 > 60,000 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 ADB ⁴ Aluminum Diffuser Band 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 CON ³ Only available with ALS16, PCS16/19/22 ⁴ Diffuser band comes in the same color of luminaire, and is only available with PCS16 |

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%

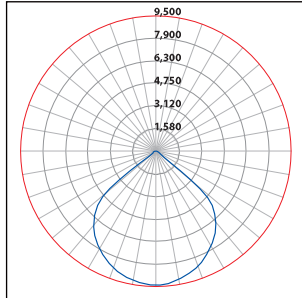
| Wattage | 50W | 75W | 100W |
|---------|------------|---------|---------|
| | TAD | | |
| CCT | | | |
| 4000K | 2965 lm | 4447 lm | 5929 lm |
| 3500K | 2876 lm | 4314 lm | 5751 lm |
| 3000K | 2794 lm | 4191 lm | 5588 lm |

*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%

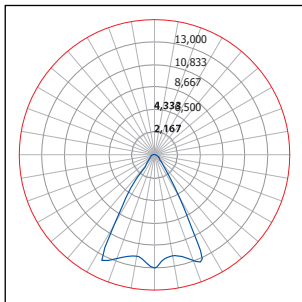
Typical Photometry Summary



STD

Descriptive Information

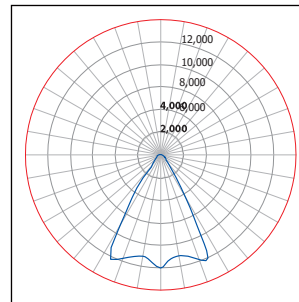
Total delivered lumens: 9,480 Lumens
 Input watts at 120V: 100 W
 Efficacy: 94.8 Lumens/Watt Source: LED
 CCT/CRI: 4000K/85CRI



PCS

Descriptive Information

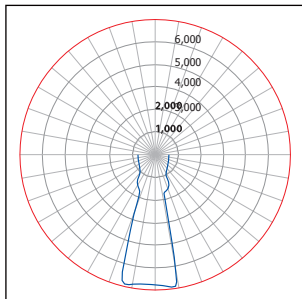
Total delivered lumens: 11,090 Lumens
 Input watts at 120V: 100 W
 Efficacy: 110 Lumens/Watt Source: LED
 CCT/CRI: 4000K/85CRI



ALS

Descriptive Information

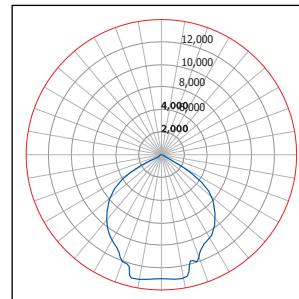
Total delivered lumens: 10,536 Lumens
 Input watts at 120V: 100 W
 Efficacy: 105 Lumens/Watt Source: LED
 CCT/CRI: 4000K/85CRI



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



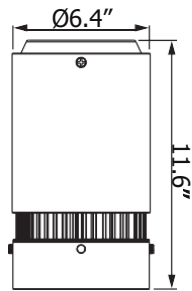
CAD

Descriptive Information

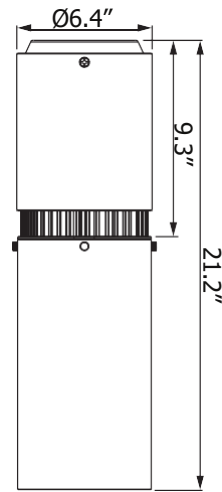
Total delivered lumens: 11,605 Lumens
 Input watts at 120V: 100 W
 Efficacy: 116 Lumens/Watt Source: LED
 CCT/CRI: 4000K/85CRI

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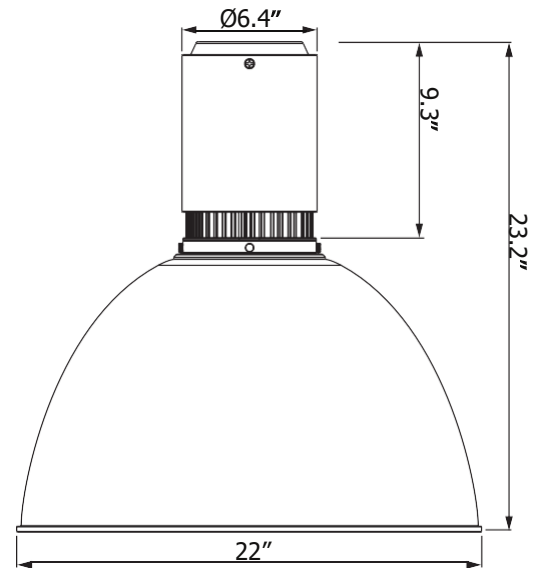
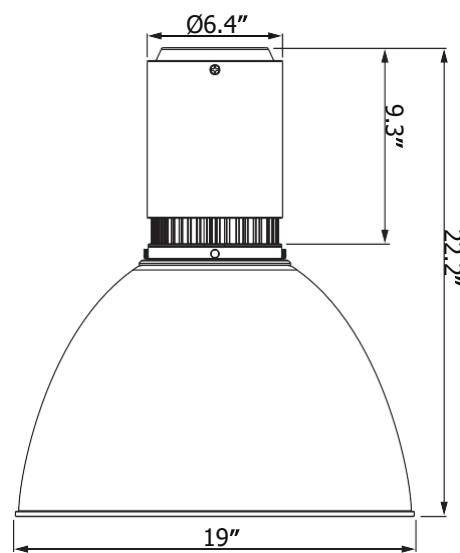
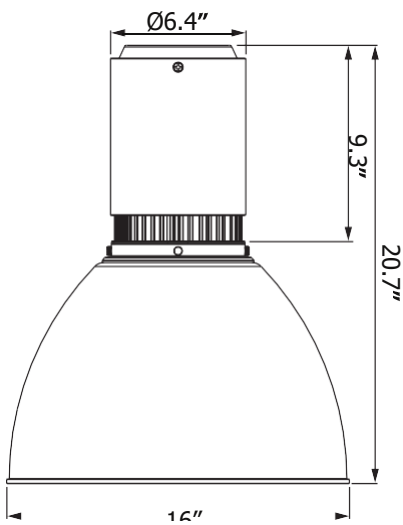
Dimensions



Standard



Diffuser

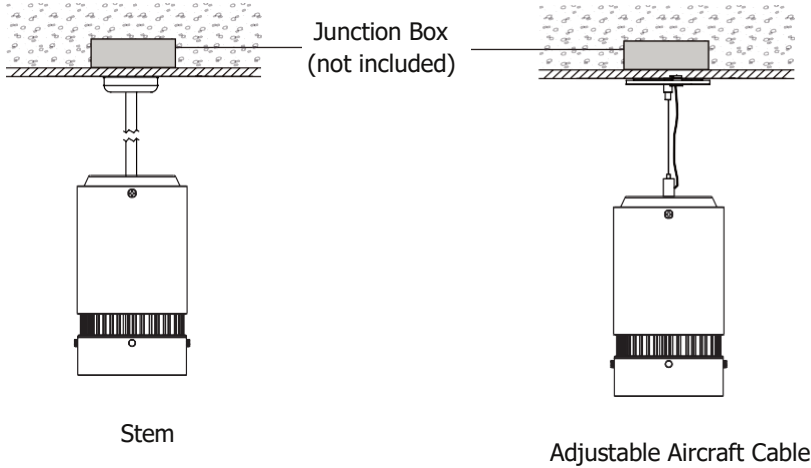


Aluminum Shroud / Polycarbonate Shroud

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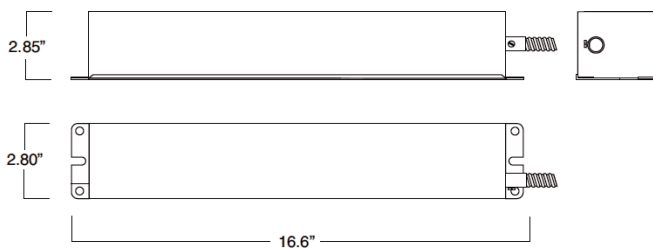
Mounting Options



Emergency Pack Lumen Output Table

| CCT | 3000K | 4000K |
|-------|---------|---------|
| Lumen | 1760 lm | 1890 lm |

Remote Emergency Pack



Mounting with standard ceiling recessed Junction BOX

