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.

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Type</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project</td>
<td></td>
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</tbody>
</table>

**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

METEOR LIGHTING reserves the right to make changes to this product at any time without prior notice and such modification shall be effective immediately.
How To Specify:

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

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

<table>
<thead>
<tr>
<th>Model</th>
<th>Wattage</th>
<th>CCT / CRI</th>
<th>Voltage</th>
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<tbody>
<tr>
<td>VA6</td>
<td>50</td>
<td>308</td>
<td>UNV 120-277V</td>
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<tr>
<td>Vela 6</td>
<td>75</td>
<td>358</td>
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<tr>
<td></td>
<td>100</td>
<td>408</td>
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<table>
<thead>
<tr>
<th>Type</th>
<th>Wattage</th>
<th>CCT / CRI</th>
<th>Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard</td>
<td>50W</td>
<td>3000K / CRI85</td>
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</tr>
<tr>
<td>ALS16</td>
<td>75W</td>
<td>3500K / CRI85</td>
<td></td>
</tr>
<tr>
<td>ALS19</td>
<td>100W</td>
<td>4000K / CRI85</td>
<td></td>
</tr>
<tr>
<td>ALS22</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PCS16</td>
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<td></td>
</tr>
<tr>
<td>PCS19</td>
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</tr>
<tr>
<td>PCS22</td>
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<tr>
<td>ALS22</td>
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<table>
<thead>
<tr>
<th>Dimming</th>
<th>Finish</th>
<th>Mounting</th>
<th>Accessories</th>
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<tbody>
<tr>
<td>STV</td>
<td>BLK</td>
<td>ST2</td>
<td>SPD¹</td>
</tr>
<tr>
<td></td>
<td>WHT</td>
<td>ST4</td>
<td>EMP</td>
</tr>
<tr>
<td></td>
<td></td>
<td>AD10</td>
<td>CON²,³</td>
</tr>
</tbody>
</table>

1Surge protector for up to 10KV. Applicable for unstable mains or facilities using high power machinery.
2Please factor in -15% change in lumen output with conical lens.
3Only available with ALS16, PCS16/19/22

Current Consumption

<table>
<thead>
<tr>
<th>Wattage</th>
<th>Volt 120V</th>
<th>Volt 277V</th>
</tr>
</thead>
<tbody>
<tr>
<td>50W</td>
<td>0.46A</td>
<td>0.20A</td>
</tr>
<tr>
<td>75W</td>
<td>0.68A</td>
<td>0.30A</td>
</tr>
<tr>
<td>100W</td>
<td>0.92A</td>
<td>0.40A</td>
</tr>
</tbody>
</table>

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Delivered Lumens*

<table>
<thead>
<tr>
<th>Wattage</th>
<th>50W</th>
<th>75W</th>
<th>100W</th>
</tr>
</thead>
<tbody>
<tr>
<td>CCT</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4000K</td>
<td>4740lm</td>
<td>7110lm</td>
<td>9480lm</td>
</tr>
<tr>
<td>3500K</td>
<td>5598lm</td>
<td>8031lm</td>
<td>10536lm</td>
</tr>
<tr>
<td>3000K</td>
<td>6468lm</td>
<td>8641lm</td>
<td>10939lm</td>
</tr>
</tbody>
</table>

* 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

**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

**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

**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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Specifications

**ADVANCED HIGH CEILING**

**Vela 6 - Standard**

**Dimensions**

- **Standard**
  - Ø6.4”
  - 11.6”

- **Diffuser**
  - Ø6.4”
  - 9.3”
  - 21.2”

- **Aluminum Shroud / Polycarbonate Shroud**
  - Ø6.4”
  - 9.3”
  - 22.2”
  - 19”
  - 22”

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Mounting Options

- Stem
- Adjustable Aircraft Cable

Junction Box (not included)

Emergency Pack Lumen Output Table

<table>
<thead>
<tr>
<th>CCT</th>
<th>3000K</th>
<th>4000K</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lumen</td>
<td>1760 lm</td>
<td>1890 lm</td>
</tr>
</tbody>
</table>

Remote Emergency Pack

Mounting with standard ceiling recessed Junction BOX

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