

# VELA 6

SPECIFICATION SHEET  
OUTDOOR

HIGH PERFORMING CYLINDER  
WITH SHROUD & DIFFUSER OPTIONS

## Housing

Diameter : Ø6.4" | Height : 13.6" | Weight : 11.2 lbs

## Material

Housing: High Pressure Die-Cast Aluminum Body, PC Shroud

## Power Input

50W, 75W, 100W | 120-277V

## Lumen Output

5,213 lm (50W), 7,821 lm (75W), 9,906 lm (100W)

## Dimming

Standard 0-10V: Dims to 10%

## Color Quality

CRI 85

## Rated Life

> 100,000 Hours (L70)

## Finish



Black



White

## Color Temperature



3000K



3500K



4000K

## Optics



80°

## Mounting



Stem  
Mount



Adjustable  
Cable



Surface  
Mount

## Warranty

5 Year limited warranty

## Listing



## All The Performance You Need In One Family

New high performing 6-inch aperture cylinder with lumen output of 5,213 – 9,906 lm.

Available in Aluminum Shrouds, Polycarbonate Shrouds, Translucent Polycarbonate Diffuser or Clear Polycarbonate Diffuser options.

Suitable for general illumination in a wide variety of project applications.



METEOR

[meteor-lighting.com](http://meteor-lighting.com)

**SPECIFICATION**

PROJECT NAME

DATE

CATALOG #

QUANTITY

The product configurator function on this page works only with the latest version of Chrome or Adobe Acrobat Reader.

|            |                     |   |  |  |
|------------|---------------------|---|--|--|
| <b>VA6</b> | MODEL               | <b>VELA 6</b>   |  |  |
|            | WATTAGE             | <b>50</b> 50W   | <b>75</b> 75W  | <b>100</b> 100W  |
|            | CCT / CRI           | <b>308</b> 3000K / CRI 85   | <b>358</b> 3500K / CRI 85  | <b>408</b> 4000K / CRI 85  |
| <b>UNV</b> | VOLTAGE             | <b>UNV</b> 120 – 277V   |  |  |
| <b>STV</b> | DIMMING             | <b>STV</b> 0-10V dims to 10%  |  |  |
|            | TYPE                | <b>STD</b> Standard Cylinder<br><b>ALS22</b> Aluminum Shroud 22"<br><b>PCS22</b> Polycarbonate Shroud 22" | <b>ALS16</b> Aluminum Shroud 16"<br><b>PCS16</b> Polycarbonate Shroud 16"<br><b>TPD</b> Translucent Polycarbonate Diffuser | <b>ALS19</b> Aluminum Shroud 19"<br><b>PCS19</b> Polycarbonate Shroud 19"<br><b>CPD</b> Clear Polycarbonate Diffuser |
|            | FINISH <sup>1</sup> | <b>BLK</b> Black  | <b>WHT</b> White   |  |
|            | MOUNTING            | <b>SUM</b> Surface Mount<br><b>AD10</b> Adjustable Cable 10ft   | <b>ST2</b> Stem 2ft<br><b>SAD10</b> Sloped Adjustable Cable 10ft   | <b>ST4</b> Stem 4ft  |
|            | ACCESSORIES         | <b>SPD</b> <sup>2</sup> Surge Protector<br><b>CT</b> <sup>6</sup> Conduit Mount                           | <b>CON</b> <sup>3,4</sup> Conical Lens   | <b>ADB</b> <sup>5</sup> Aluminum Diffuser Band   |
|            | RATING              | <b>OUT</b> <sup>7</sup> Outdoor Rating  | <b>NAT</b> <sup>8</sup> Natatorium Rating  |  |

CLEAR FORM

<sup>1</sup> For image reference, see page 5. For special color requests, please contact your Meteor representative.  
<sup>2</sup> Surge protector for up to 10KV. Applicable for unstable mains or facilities using high-power machineries  
<sup>3</sup> CON can only be paired with ALS, PCS Types  
<sup>4</sup> Please factor in -15% change in lumen output with conical lens  
<sup>5</sup> Diffuser band comes in the same color as the luminaire and is only available with PCS16  
<sup>6</sup> CT only compatible with ST and AD mounting types  
<sup>7</sup> Outdoor Rating: Coating and wiring will be changed to high UV resistant and corrosion resistant materials for long-term operation in outdoor environments  
<sup>8</sup> Natatorium Rating: Coating and sealant will be changed to high corrosion resistant materials to prevent damage from long-term exposure to chlorine vapors

**TECHNICAL DETAILS**

**Electrical**

- 5,213 lm (50W), 7,821 lm (75W), 9,906 lm (100W)
- Power Input: Universal (120-277V)
- Operating Temperature: -13°F~112°F
- Surge Protection: Built-in is 4KV

**LED Features**

- Color Temperature: 3000K, 3500K, 4000K
- CRI ≥ 85
- Long lasting LED luminaire tested under TM21 lumen maintenance L70 @ 100,000 Hrs

**Optics**

- Beam Angle: 80°

**Advanced Dimming**

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

**Housing**

- Diameter: Ø6.4"
- Material: High Pressure Die-Cast Aluminum, PC Shroud
- Height:
  - Standard - 13.6", Diffuser - 23.1"
  - Shroud 16" - 22.6"
  - Shroud 19" - 23.9"
  - Shroud 22" - 25.4"
- Weight:
  - Standard - 11.2 lbs, Diffuser - 12.6" lbs
  - Aluminum Shroud 16" - 14.1 lbs
  - Aluminum Shroud 19" - 18.1 lbs
  - Aluminum Shroud 22" - 21.4 lbs
  - Polycarbonate Shroud 16" - 13.2 lbs
  - Polycarbonate Shroud 19" - 16.3 lbs
  - Polycarbonate Shroud 22" - 18.3 lbs

**Mounting**

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

**Warranty**

- 5-year limited warranty

**Listing**

- ETL Damp Location Listed
- FCC
- CE
- IP 65

**DELIVERED LUMENS\***

| STD (Standard) |         |         |         |
|----------------|---------|---------|---------|
| CCT/WATTAGE    | 3000K   | 3500K   | 4000K   |
| <b>50W</b>     | 4,914lm | 5,057lm | 5,213lm |
| <b>75W</b>     | 7,372lm | 7,586lm | 7,821lm |
| <b>100W</b>    | 9,338lm | 9,609lm | 9,906lm |

\*Tolerance ±8%

| PCS (PC Shroud) |          |          |          |
|-----------------|----------|----------|----------|
| CCT/WATTAGE     | 3000K    | 3500K    | 4000K    |
| <b>50W</b>      | 5,587lm  | 5,749lm  | 5,927lm  |
| <b>75W</b>      | 8,381lm  | 8,624lm  | 8,891lm  |
| <b>100W</b>     | 10,614lm | 10,923lm | 11,261lm |

\*Tolerance ±8%

**DELIVERED LUMENS\***

| ALS (Aluminum Shroud) |         |         |          |
|-----------------------|---------|---------|----------|
| CCT/WATTAGE           | 3000K   | 3500K   | 4000K    |
| <b>50W</b>            | 5,070lm | 5,221lm | 5,382lm  |
| <b>75W</b>            | 7,601lm | 7,827lm | 8,069lm  |
| <b>100W</b>           | 9,628lm | 9,915lm | 10,221lm |

\* Tolerance ±8%

| TPD (Translucent Polycarbonate Diffuser) |         |         |         |
|--|---------|---------|---------|
| CCT/WATTAGE                              | 3000K   | 3500K   | 4000K   |
| <b>50W</b>                               | 3,022lm | 3,113lm | 3,209lm |
| <b>75W</b>                               | 4,578lm | 4,717lm | 4,862lm |
| <b>100W</b>                              | 5,800lm | 5,975lm | 6,158lm |

\* Tolerance ±8%

| CPD (Clear Polycarbonate Diffuser) |         |         |         |
|------------------------------------|---------|---------|---------|
| CCT/WATTAGE                        | 3000K   | 3500K   | 4000K   |
| <b>50W</b>                         | 3,864lm | 3,975lm | 4,085lm |
| <b>75W</b>                         | 5,854lm | 6,022lm | 6,189lm |
| <b>100W</b>                        | 7,415lm | 7,628lm | 7,840lm |

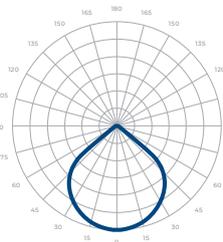
\* Tolerance ±8%

| Current Consumption |       |       |
|---------------------|-------|-------|
| WATTAGE / VOLT      | 120V  | 277V  |
| <b>50W</b>          | 0.46A | 0.20A |
| <b>75W</b>          | 0.68A | 0.30A |
| <b>100W</b>         | 0.92A | 0.40A |

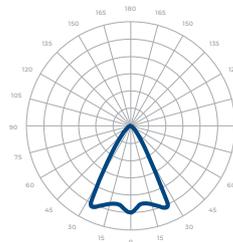
\* Tolerance ±8%

**PHOTOMETRICS**

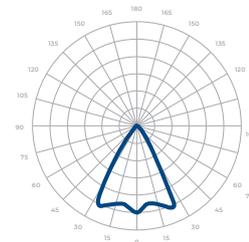
Below is a typical photometric representation of the Vela 6 fixture. Please download IES files to ensure exact photometric value.



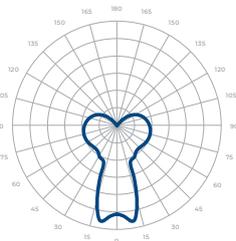
**STD (STANDARD)**



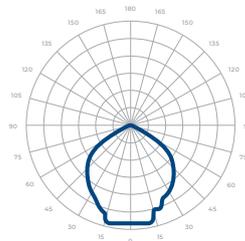
**PCS (POLYCARBONATE SHROUD)**



**ALS (ALUMINUM SHROUD)**



**TPD (TRANSLUCENT POLYCARBONATE DIFFUSER)**



**CPD (CLEAR POLYCARBONATE DIFFUSER)**

**COLOR FINISH**

Black Finish



White Finish



**ACCESSORIES**

Polycarbonate Shroud



Aluminum Shroud



Aluminum Diffuser Band



Aluminum Shroud  
With Conical Lens



Clear Polycarbonate Diffuser

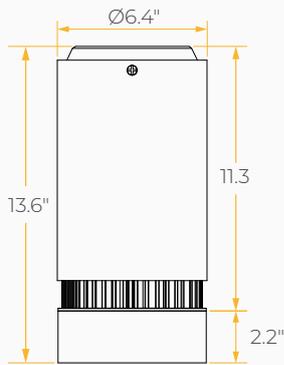


Translucent Polycarbonate Diffuser

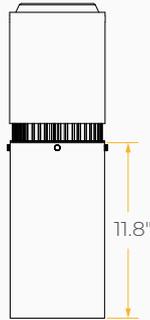


**DIMENSIONS**

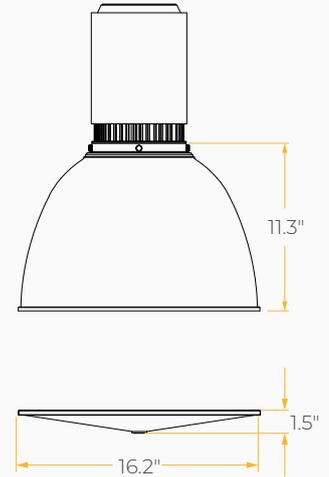
Standard Cylinder



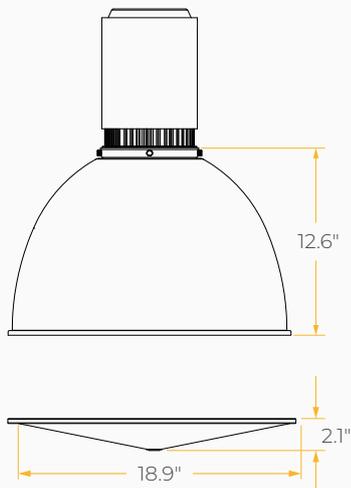
Clear Polycarbonate Diffuser /  
Translucent Polycarbonate Diffuser



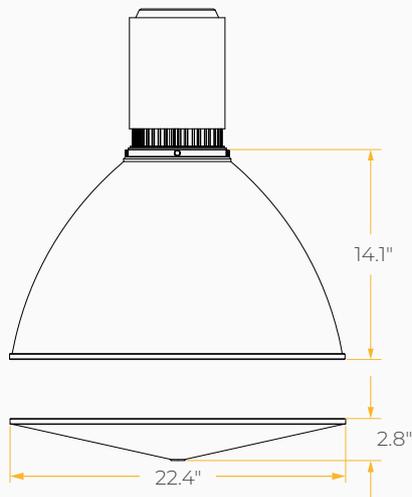
Aluminum Shroud /  
Polycarbonate Shroud 16"



Aluminum Shroud /  
Polycarbonate Shroud 19"



Aluminum Shroud /  
Polycarbonate Shroud 22"



**MOUNTING OPTIONS\***

*\*Junction Box not included*

