

# VELA 6

## HIGH PERFORMING CYLINDER WITH SHROUD & DIFFUSER OPTIONS

### SPECIFICATION SHEET OUTDOOR

#### 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%

<b>Color Quality</b> CRI 85	<b>Rated Life</b> > 100,000 Hours (L70)
<b>Finish</b>  Black  White	<b>Color Temperature</b>  3000K  3500K  4000K

#### Optics



80°

#### Mounting



Stem  
Mount

Adjustable  
Cable

Surface  
Mount

#### Warranty

5 Year limited warranty

#### Listing

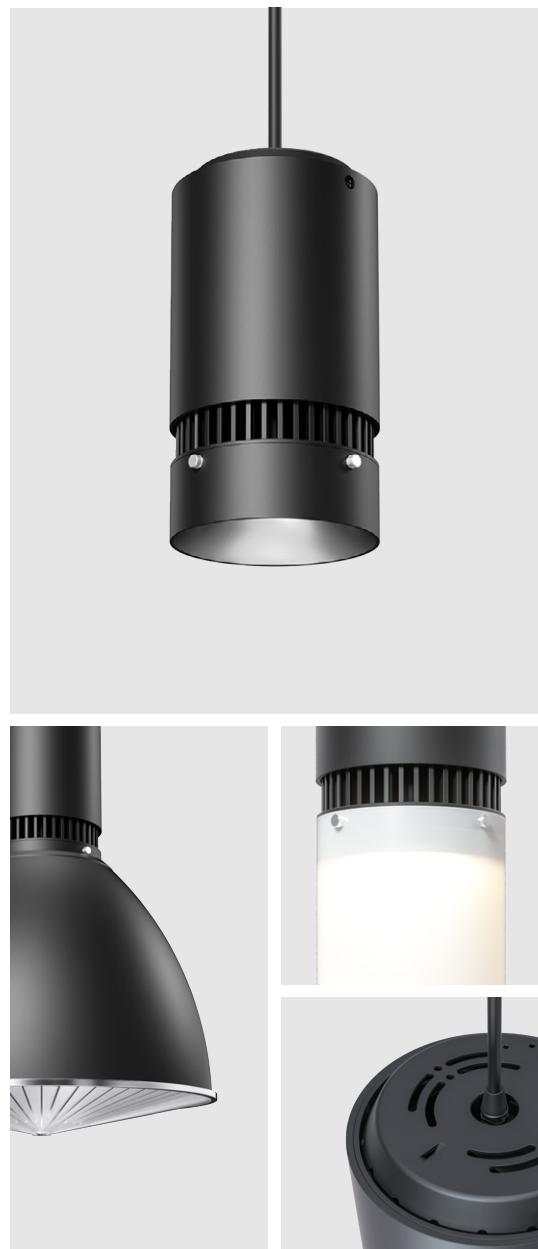


## All The Performance You Need In One Family

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 SHEET / OUTDOOR**  
**VELA 6** HIGH PERFORMING CYLINDER  
 WITH SHROUD & DIFFUSER OPTIONS



**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.

VA6	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
UNV	VOLTAGE	<b>UNV</b> 120 – 277V		
STV	DIMMING	<b>STV</b> 0-10V dims to 10%		
	TYPE	<b>STD</b> Standard Cylinder <b>ALS22</b> Aluminum Shroud 22" <b>PCS22</b> Polycarbonate Shroud 22"	<b>ALS16</b> Aluminum Shroud 16" <b>PCS16</b> Polycarbonate Shroud 16" <b>TPD</b> Translucent Polycarbonate Diffuser	<b>ALS19</b> Aluminum Shroud 19" <b>PCS19</b> Polycarbonate Shroud 19" <b>CPD</b> Clear Polycarbonate Diffuser
	FINISH <sup>1</sup>	<b>BLK</b> Black	<b>WHT</b> White	
	MOUNTING	<b>SUM</b> Surface Mount <b>AD10</b> Adjustable Cable 10ft	<b>ST2</b> Stem 2ft <b>SAD10</b> Sloped Adjustable Cable 10ft	<b>ST4</b> Stem 4ft
	ACCESSORIES	<b>SPD<sup>2</sup></b> Surge Protector <b>CT<sup>6</sup></b> Conduit Mount	<b>CON<sup>3,4</sup></b> Conical Lens	<b>ADB<sup>5</sup></b> Aluminum Diffuser Band
	RATING	<b>OUT<sup>7</sup></b> Outdoor Rating	<b>NAT<sup>8</sup></b> 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> Option is not compatible with SUM

<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%

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**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  $\pm 8\%$

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  $\pm 8\%$

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

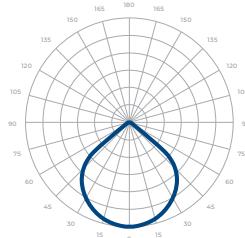
\* Tolerance  $\pm 8\%$

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

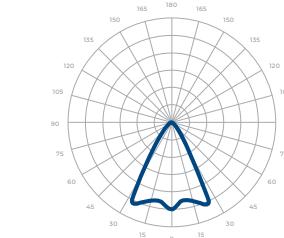
\* Tolerance  $\pm 8\%$

**PHOTOMETRICS**

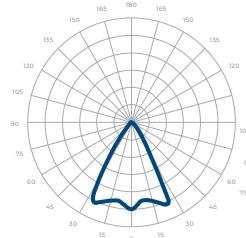
Below is a typical photometric representation of the Vela 6 fixture. Please download IES files to ensure exact photometric value.



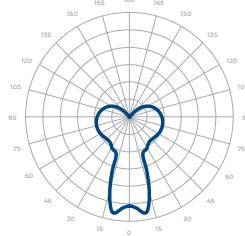
STD (STANDARD)



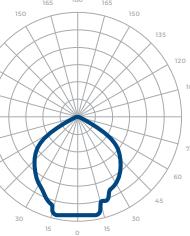
PCS (POLYCARBONATE SHROUD)



ALS (ALUMINUM SHROUD)



TPD (TRANSLUCENT POLYCARBONATE DIFFUSER)



CPD (CLEAR POLYCARBONATE DIFFUSER)

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**METEOR**

**COLOR FINISH**

Black Finish



White Finish



**ACCESSORIES**

Polycarbonate Shroud



Aluminum Shroud



Aluminum Diffuser Band



Aluminum Shroud  
With Conical Lens



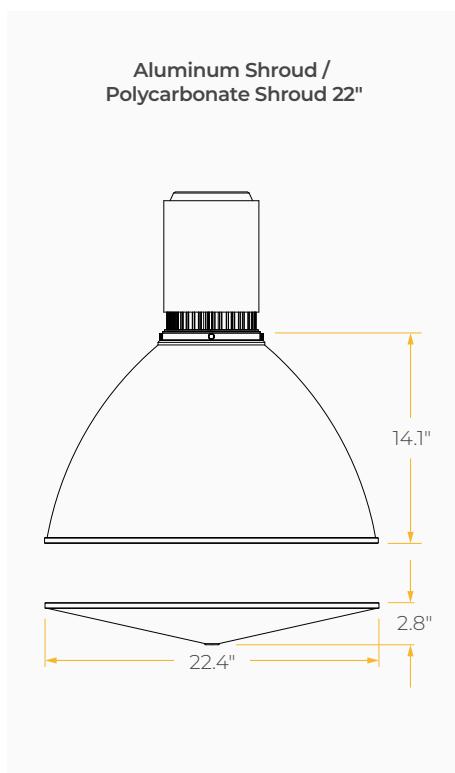
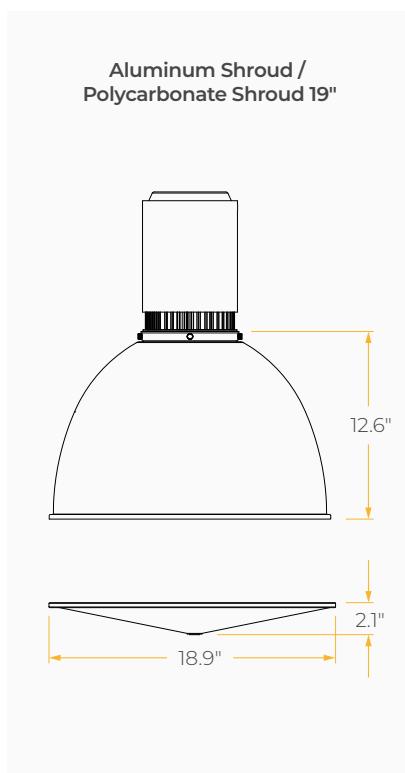
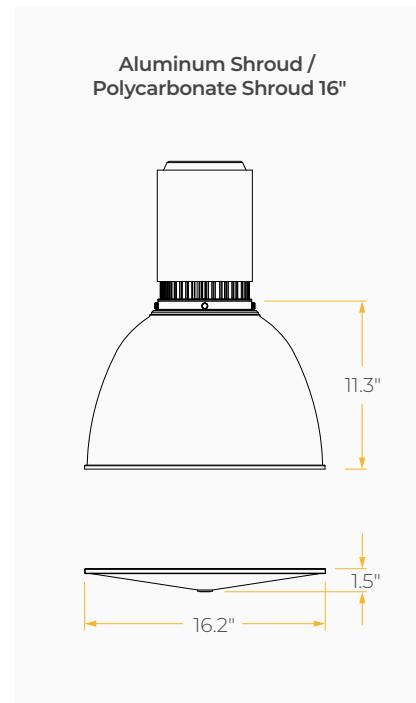
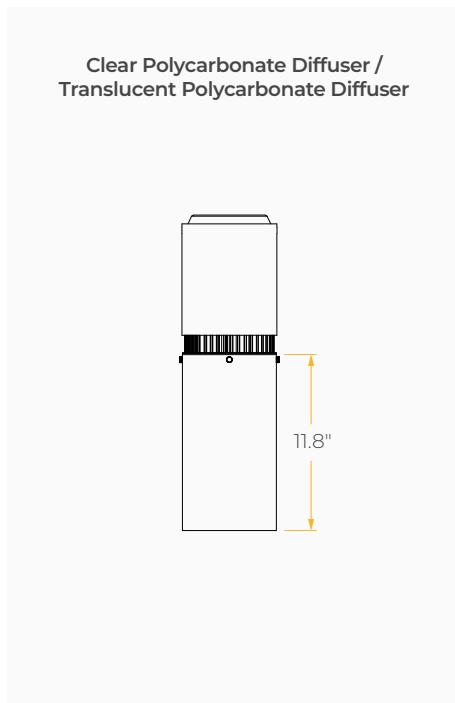
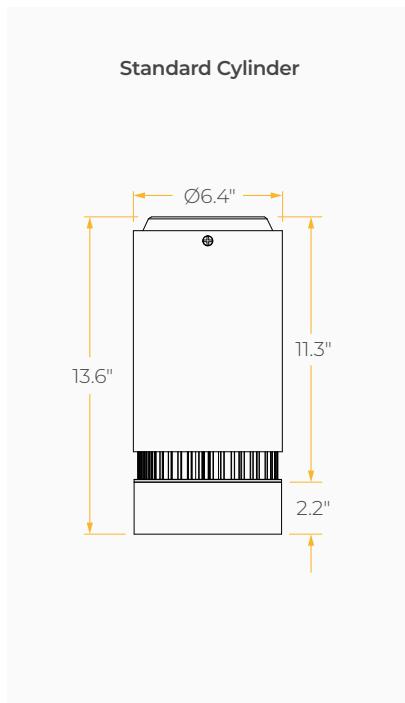
Clear Polycarbonate Diffuser



Translucent Polycarbonate Diffuser



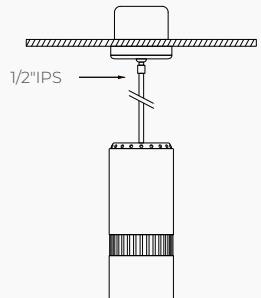
**DIMENSIONS**



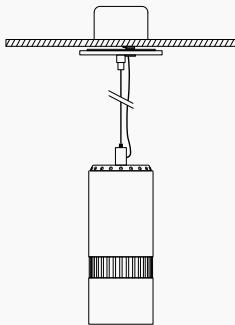
**MOUNTING OPTIONS\***

\*Junction Box not included

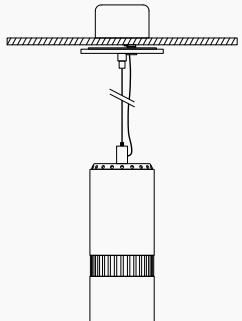
**Stem Mount**



**Adjustable Cable Mount**



**Sloped Adjustable Cable Mount**



**Surface Mount**

