

VELA 6

SPECIFICATION SHEET
OUTDOOR

HIGH PERFORMING CYLINDER
WITH SHROUD & DIFFUSER OPTIONS

Housing

Diameter : Ø6.4" | Height : 11.6" | Weight : 11.2 lbs

Material

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

Power Input

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

Lumen Output

4,030 lm (50W)

6,045 lm (75W)

7,655 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 2,330 – 8,955 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

SPECIFICATION

PROJECT NAME

DATE

CATALOG #

QUANTITY

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

¹ Surge protector for up to 10KV. Applicable for unstable mains or facilities using high-power machinery.

² Diffuser band comes in the same color as the luminaire and is only available with PCS16.

³ Please factor in -15% change in lumen output with CON.

⁴ Outdoor Rating: Coating and wiring will be changed to high UV resistant and corrosion resistant materials for long-term operation in outdoor environments.

⁵ 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

- 7,655lm (100W/STD)
- 8,955 lm (100W/PCS16)
- 7,915 lm (100W/ALS16)
- 4,710 lm (100W/TPD)
- 6,080 lm (100W/CPD)
- 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 - 11.6"
 - Diffuser - 21.2"
 - Shroud 16" - 22.7"
 - Shroud 19" - 24.9"
 - Shroud 22" - 26"
- 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

Warranty

- 5-year limited warranty

Listing

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

DELIVERED LUMENS*

STD (Standard)			
CCT/WATTAGE	3000K	3500K	4000K
50W	3,800lm	3,910lm	4,030lm
75W	5,700lm	5,860lm	6,045lm
100W	7,215lm	7,425lm	7,655lm

*Tolerance ±8%

PCS (PC Shroud)			
CCT/WATTAGE	3000K	3500K	4000K
50W	4,445lm	4,570lm	4,715lm
75W	6,665lm	6,860lm	7,070lm
100W	8,440lm	8,685lm	8,955lm

*Tolerance ±8%

ALS (Aluminum Shroud)			
CCT/WATTAGE	3000K	3500K	4000K
50W	3,910lm	4,030lm	4,165lm
75W	5,865lm	6,045lm	6,250lm
100W	7,430lm	7,655lm	7,915lm

*Tolerance ±8%

TPD (Translucent Polycarbonate Diffuser)			
CCT/WATTAGE	3000K	3500K	4000K
50W	2,330lm	2,400lm	2,480lm
75W	3,500lm	3,600lm	3,720lm
100W	4,440lm	4,570lm	4,710lm

*Tolerance ±8%

DELIVERED LUMENS*

CPD (Clear Polycarbonate Diffuser)			
CCT/WATTAGE	3000K	3500K	4000K
50W	3,000lm	3,100lm	3,200lm
75W	4,520lm	4,650lm	4,800lm
100W	5,700lm	5,900lm	6,080lm

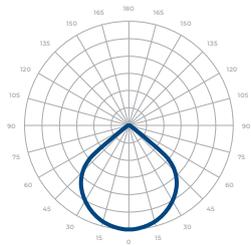
Current Consumption		
WATTAGE / VOLT	120V	277V
50W	0.46A	0.20A
75W	0.68A	0.30A
100W	0.92A	0.40A

*Tolerance ±8%

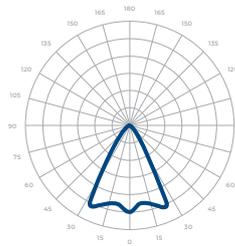
*Tolerance ±8%

PHOTOMETRICS

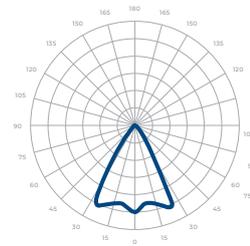
Below is a typical photometric representation of the Vela 6 fixture. Please download IES files to ensure exact photometric value.



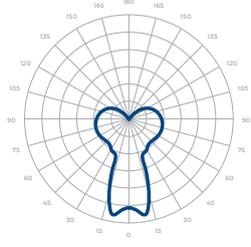
STD (STANDARD)



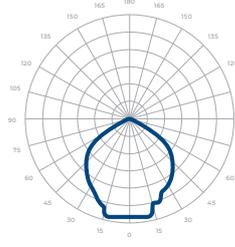
PCS (POLYCARBONATE SHROUD)



ALS (ALUMINUM SHROUD)



TPD (TRANSLUCENT POLYCARBONATE DIFFUSER)



CPD (CLEAR POLYCARBONATE DIFFUSER)

Polycarbonate Shroud



Aluminum Shroud



Aluminum Diffuser Band



Aluminum Shroud
With Conical Lens



Clear Polycarbonate Diffuser

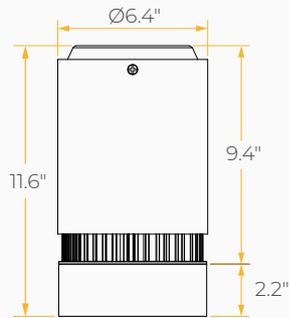


Translucent Polycarbonate Diffuser

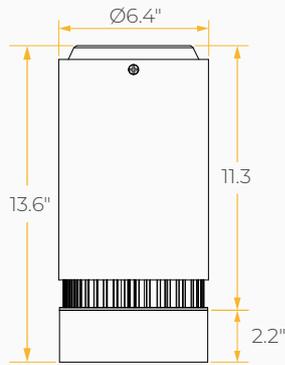


DIMENSIONS

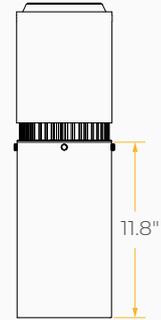
Standard Cylinder



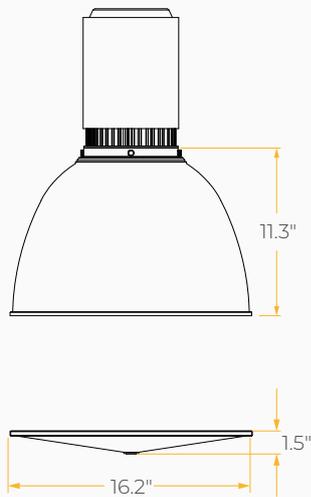
100W Option Cylinder



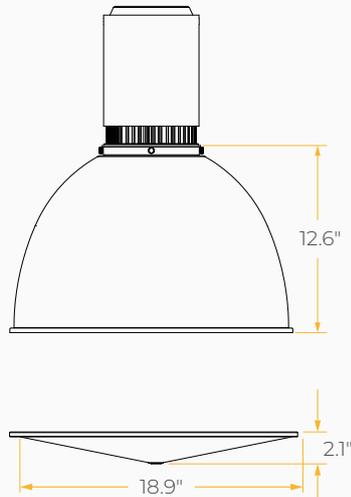
Clear Polycarbonate Diffuser /
Translucent Polycarbonate Diffuser



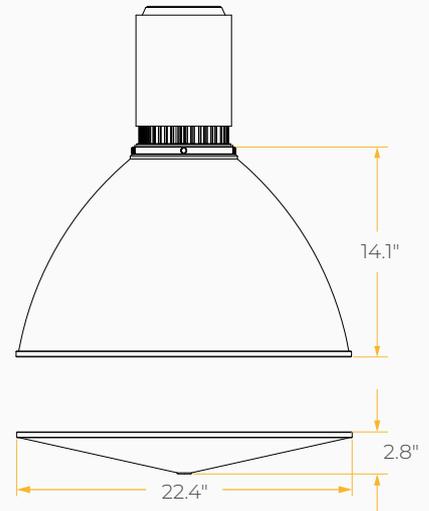
Aluminum Shroud /
Polycarbonate Shroud 16"



Aluminum Shroud /
Polycarbonate Shroud 19"



Aluminum Shroud /
Polycarbonate Shroud 22"



MOUNTING OPTIONS*

**Junction Box not included*

