VELA 6

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
4,700 lm (50W)
7,100 lm (75W)
9,000 lm (100W)

Dimming
Standard 0-10V: Dims to 10%

Color Quality
CRI 85

Rated Life
> 60,000 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

cETLus Listed Intertek   CE   FC

All The Performance You Need In One Family

New high performing 6-inch aperture cylinder with lumen output of 2,750 – 10,500 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

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**[3] Aluminum Diffuser Band	**EMP** Remote Emergency Pack		**CON**[2] Conical Lens

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

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VELA 6
HIGH PERFORMING CYLINDER WITH SHROUD & DIFFUSER OPTIONS

METEOR

TECHNICAL DETAILS

Electrical
- 9,005 lm (100W/STD)
- 10,535 lm (100W/PCS16)
- 10,010 lm (100W/ALS16)
- 5,545 lm (100W/TPD)
- 7,155 lm (100W/CPD)
- Power Input: Universal (120-277V)
- Operating Temperature: -13°F~112°F
- Surge Protection: Built-in is 4KV
- Remote Emergency Pack: Bodine BSL20B2UEK55C1I1

LED Features
- Color Temperature: 3000K, 3500K, 4000K
- CRI ≥ 85
- Long lasting LED luminaire tested under TM21 lumen maintenance L70 @ 60,000 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" - 20.4"
  Shroud 19" - 21.9"
  Shroud 22" - 23.2"
- 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 Mount 2ft or 4ft
- Surface Mount
- Adjustable Cable Mount 10ft

Warranty
- 5-year limited warranty

Listing
- ETL Damp Location Listed
- FCC
- CE

DELIVERED LUMENS*

STD (Standard)			
CCT/WATTAGE	3000K	3500K	4000K
50W	4,470lm	4,600lm	4,740lm
75W	6,700lm	6,900lm	7,110lm
100W	8,490lm	8,735lm	9,005lm

Tolerance ±8%

PCS (Polycarbonate Shroud)			
CCT/WATTAGE	3000K	3500K	4000K
50W	5,230lm	5,380lm	5,545lm
75W	7,840lm	8,070lm	8,320lm
100W	9,930lm	10,220lm	10,535lm

Tolerance ±8%

ALS (Aluminum Shroud)			
CCT/WATTAGE	3000K	3500K	4000K
50W	4,965lm	5,110lm	5,270lm
75W	7,450lm	7,665lm	7,900lm
100W	9,435lm	9,710lm	10,010lm

Tolerance ±8%

TPD (Translucent Polycarbonate Diffuser)			
CCT/WATTAGE	3000K	3500K	4000K
50W	2,750lm	2,830lm	2,920lm
75W	4,125lm	4,245lm	4,380lm
100W	5,225lm	5,380lm	5,545lm

Tolerance ±8%

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DELIVERED LUMENS*

CPD (Clear Polycarbonate Diffuser)			
CCT/WATTAGE	3000K	3500K	4000K
50W	3,550lm	3,655lm	3,765lm
75W	5,325lm	5,480lm	5,650lm
100W	6,745lm	6,940lm	7,155lm

Tolerance ±8%

EMP (Remote Emergency Pack)		
CCT	3000K	4000K
Lumen	1,760lm	1,890lm

Tolerance ±8%

Current Consumption		
WATTAGE / VOLT	120V	277V
50W	0.46A	0.20A
75W	0.68A	0.30A
100W	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.
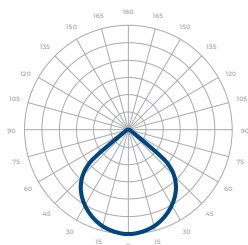
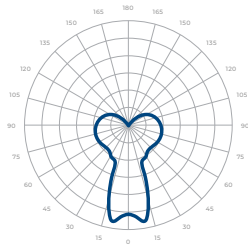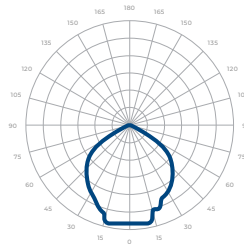STD (STANDARD)
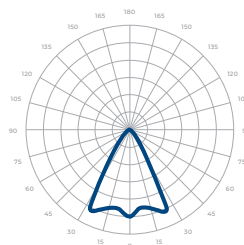
PCS (POLYCARBONATE SHROUD)
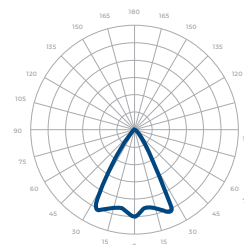
ALS (ALUMINUM SHROUD)

TPD (TRANSLUCENT
POLYCARBONATE DIFFUSER)

CPD (CLEAR POLYCARBONATE DIFFUSER)

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ACCESSORIES

Polycarbonate Shroud

Aluminum Shroud

Aluminuim Diffuser Band

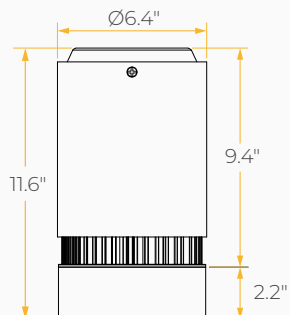Aluminum Shroud
With Conical Lens

Clear Polycarbonate Diffuser
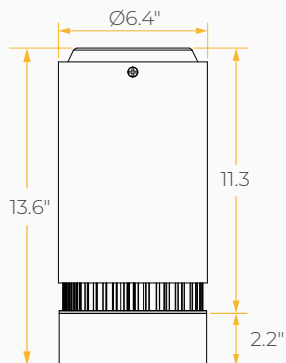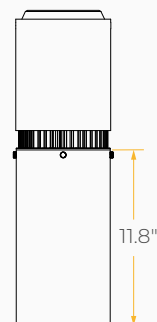
Translusent Polycarbonate Diffuser

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DIMENSIONS

Standard Cylinder

Ø6.4"
11.6"
9.4"
2.2"

100W Option Cylinder

Ø6.4"
13.6"
11.3
2.2"

Clear Polycarbonate Diffuser / Translusent Polycarbonate Diffuser

11.8"

Aluminum Shroud / Polycarbonate Shroud 16"

11.3"
1.5"
16.2"

Aluminum Shroud / Polycarbonate Shroud 19"

12.6"
2.1"
18.9"

Aluminum Shroud / Polycarbonate Shroud 22"

14.1"
2.8"
22.4"

Remote Emergency Pack
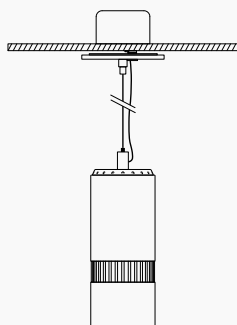

1.16"
15.34"
1.37"   2.25"
15"
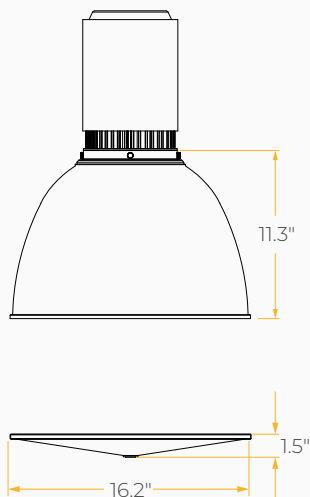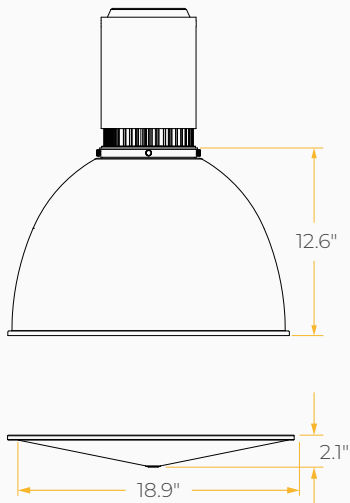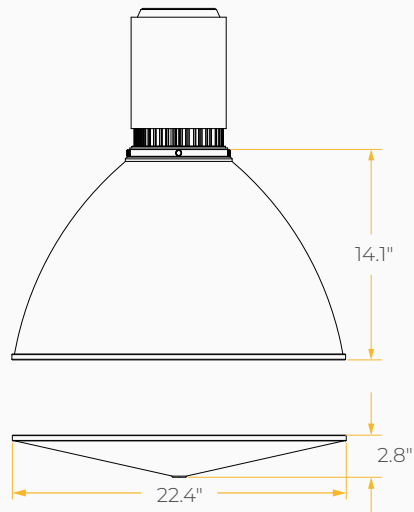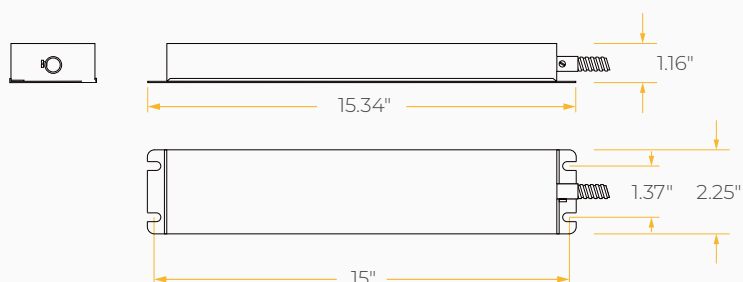
MOUNTING OPTIONS*

Juntion Box not included

Stem Mount
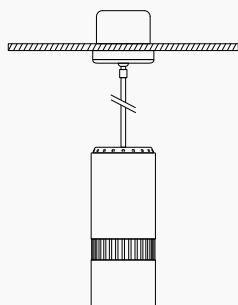
Adjustable Cable Mount

Surface Mount

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