

VELA 4

ARCHITECTURAL CYLINDERS WITH TRANSFORMATIVE PERFORMANCE

Housing

Diameter : Ø4.2" | Height : 10.3" | Weight : 3.8 lbs

Material

Housing: High Pressure Die-Cast Aluminum, PC Shroud

Lens: Clear polycarbonate

Power Input

15W, 25W | 120-277V

Lumen Output

1,530 lm (15W), 2,400 lm (25W)

Dimming

Superior 0-10V: dims to 1%, dims to dark

TRC: Line-voltage phase control, dims to 1% (120V only)

DALI: Dims to 10%

Color Quality

CRI 85

Rated Life

> 100,000 Hours (L70)

Finish



Black



White

Color Temperature



3000K



3500K



4000K

Optics



10°



25°



35°



55°

Mounting



Stem
Mount



Adjustable
Cable



Cord
Mount



Surface
Mount

Warranty

5 Year limited warranty

Listing



All The Performance You Need In One Family

High performing 4-inch aperture cylinder with delivered lumen package of 1,530 – 2,400 lm.

Available with aluminum and polycarbonate shroud accessories.

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



METEOR

meteor-lighting.com

SPECIFICATION SHEET

VELA 4

 ARCHITECTURAL CYLINDERS
WITH TRANSFORMATIVE PERFORMANCE

METEOR

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.

| | | | | |
|-----|---------------------|--|--|---|
| VA4 | MODEL | VELA 4 | | |
| | WATTAGE | 15 15W | 25 25W | |
| | CCT / CRI | 308 3000K / CRI 85 | 358 3500K / CRI 85 | 408 4000K / CRI 85 |
| UNV | VOLTAGE | UNV 120 – 277V | | |
| | DIMMING | SPV Superior 0-10V dims to 1%, dims to dark | TRC ¹ Line-voltage phase control, dims to 1% | DALI DALI dims to 10% |
| | TYPE | STD Standard Cylinder FRS12 Frosted PC Shroud 12" ALS16 Aluminum Shroud 16" | PCS12 Polycarbonate Shroud 12" FRS16 Frosted PC Shroud 16" | PCS16 Polycarbonate Shroud 16" ALS12 Aluminum Shroud 12" |
| | BEAM ANGLE* | 10 10° 55 55° | 25 25° | 35 35° |
| | FINISH ² | BLK Black | WHT White | |
| | MOUNTING | SUM Surface Mount ST4 Stem 4ft | CM10 ³ Cord Mount 10ft AD10 Adjustable Cable 10ft | ST2 Stem 2ft SAD10 Sloped Adjustable Cable 10ft |
| | ACCESSORIES | CON ^{4,5,6} Conical Lens FCS Field Cut Stem Adapter Kit NX ^{10,11} NX Radio Module Standalone Module | EMP ⁷ Remote Emergency Pack AWN ^{9,11} Lutron Athena Wireless Node Standalone Module NXC ^{10,11} NX Radio Module Canopy | CT ⁸ Conduit Mount AWN ^{9,11} Lutron Athena Wireless Node Canopy |

[↶ CLEAR FORM](#)

¹ Option is only compatible with 120V

² For image reference, see page 4. For special color requests, please contact your Meteor representative.

³ CM10 only applies to STD fixture

⁴ CON can only be paired with ALS, PCS, FRS Types

⁵ Conical Lens comes in the same color as the selected type and is not compatible with FRS12

⁶ Please factor in a -15% change in lumen output with CON, and -20% when using CON with FRS16

⁷ EMP not compatible with CM10 mounting

⁸ CT is only compatible with ST and AD mounting types

⁹ Option is only compatible with SPV, DALI

¹⁰ Option is only compatible with SPV

¹¹ Option is not compatible with SUM

* Beam Angles only apply to STD fixture

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TECHNICAL DETAILS

Electrical

- 1,530 lm (15W) , 2,400 lm (25W)
- Power Input: Universal (120-277V)
- Operating Temperature: -13°F~112°F
- Surge Protection: Built-in is 4KV
- Remote Emergency Pack: Philips Bodine BSL20B2UEK55CIII

LED Features

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

Optics

- Precision molded high transmittance clear lenses
- Beam Angle: 10°, 25°, 35°, 55°

Advanced Dimming

- Superior 0-10V: dims to 1%, dims to dark
- TRC : Line-voltage phase control, dims to 1% (120V only)
- DALI: Dims to 10%

Warranty

- 5-year limited warranty

Housing

- Diameter: Ø4.2"
- Material: High Pressure Die-Cast Aluminum, PC Shroud
- Height:
 - Standard - 10.3"
 - Polycarbonate Shroud 12" & Frosted PC Shroud 12" - 15.5"
 - Polycarbonate Shroud 16" & Frosted PC Shroud 16" - 18.5"
 - Aluminum Shroud 12" - 15.5"
 - Aluminum Shroud 16" - 18.5"
- Weight:
 - Standard - 3.8 lbs
 - Polycarbonate Shroud 12" & Frosted PC Shroud 12" - 4.9 lbs
 - Polycarbonate Shroud 16" & Frosted PC Shroud 16" - 4.9 lbs
 - Aluminum Shroud 12" - 5.1 lbs
 - Aluminum Shroud 16" - 5.1 lbs

Mounting

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

Listing

- ETL Damp Location Listed
- FCC
- CE

PERFORMANCE SUMMARY*

| STD (Standard) | | | |
|----------------|---------|---------|---------|
| CCT/WATTAGE | 3000K | 3500K | 4000K |
| 15W | 1,480lm | 1,510lm | 1,530lm |
| 25W | 2,320lm | 2,370lm | 2,400lm |

*Beam Angle: 55° *Tolerance ±8%

| ALS (Aluminum Shroud) | | | |
|-----------------------|---------|---------|---------|
| CCT/WATTAGE | 3000K | 3500K | 4000K |
| 15W | 1,240lm | 1,250lm | 1,260lm |
| 25W | 1,920lm | 1,960lm | 2,000lm |

*Beam Angle: 55° *Tolerance ±8%

| Current Consumption | | |
|---------------------|-------|-------|
| WATTAGE / VOLT | 120V | 277V |
| 15W | 0.14A | 0.06A |
| 25W | 0.23A | 0.10A |

| PCS (PC Shroud) | | | |
|-----------------|---------|---------|---------|
| CCT/WATTAGE | 3000K | 3500K | 4000K |
| 15W | 1,300lm | 1,310lm | 1,350lm |
| 25W | 2,040lm | 2,080lm | 2,100lm |

*Beam Angle: 55° *Tolerance ±8%

| FRS (Frosted PC Shroud) | | | |
|-------------------------|---------|---------|---------|
| CCT/WATTAGE | 3000K | 3500K | 4000K |
| 15W | 1,110lm | 1,120lm | 1,160lm |
| 25W | 1,750lm | 1,780lm | 1,800lm |

*Beam Angle: 55° *Tolerance ±8%

SPECIFICATION SHEET

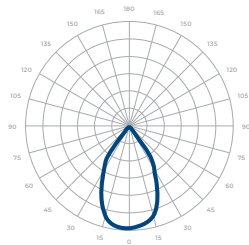
VELA 4

ARCHITECTURAL CYLINDERS
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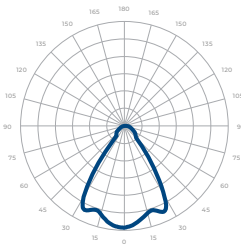


PHOTOMETRICS

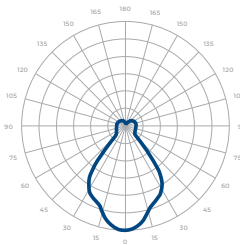
Below is a typical photometric representation of the Vela 4 fixture. Please download IES files to ensure exact photometric value.



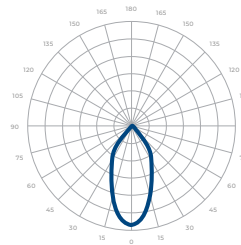
STD (STANDARD) 55°



PCS (POLYCARBONATE
SHROUD)



FRS (FROSTED
PC SHROUD)



ALS (ALUMINUM
SHROUD)

COLOR FINISH

Black Finish



White Finish



SPECIFICATION SHEET

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ACCESSORIES

Polycarbonate Shroud



Frosted PC Shroud



Aluminum Shroud



Polycarbonate Shroud
With Conical Lens



Frosted PC Shroud
With Conical Lens

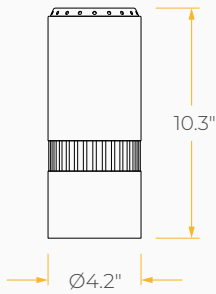


Aluminum Shroud
With Conical Lens

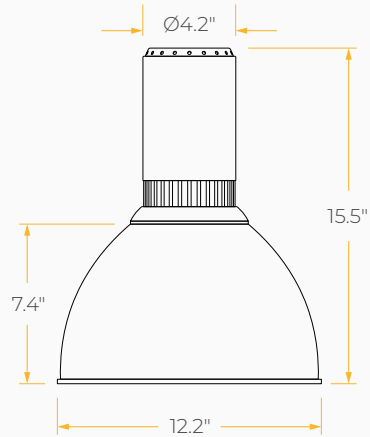


DIMENSIONS

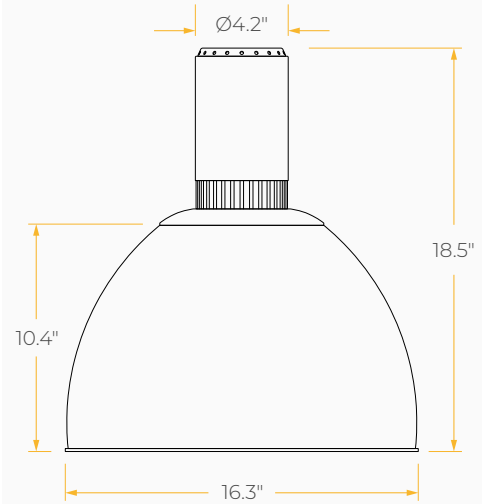
Standard Cylinder



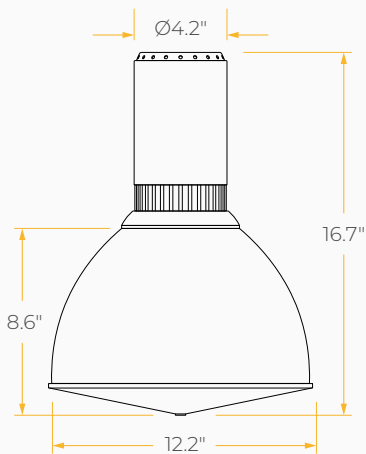
12" Shrouds



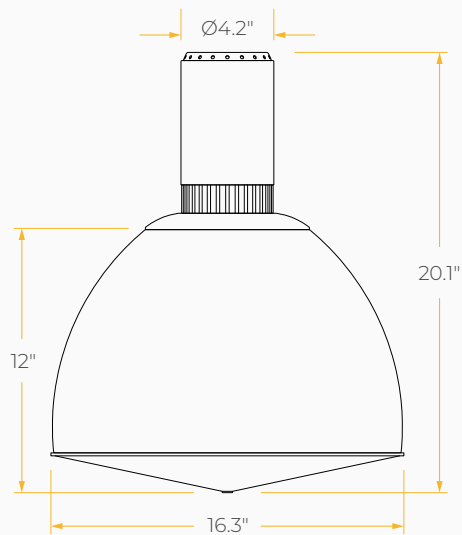
16" Shrouds



Conical Lens 12"



Conical Lens 16"



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[illegible]

Technical drawing of the 1000 Series Linear Actuator showing front and side views with dimensions.

Front View Dimensions:

- Stroke length: 8.58"
- Actuator body length: 1.42"
- Actuator body width: 1.97"
- Internal thread diameter: $\varnothing 0.16"$
- Distance from mounting flange to actuator body: 9.53"
- Distance from mounting flange to actuator body (including flange): 9.92"

Side View Dimensions:

- Actuator body length: 8.86"
- Actuator body height: 2.76"
- Distance from mounting flange to actuator body: 0.83"
- Distance from mounting flange to actuator body (including flange): 0.94"

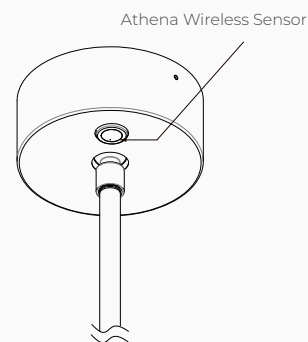
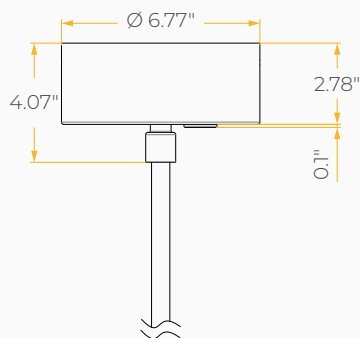
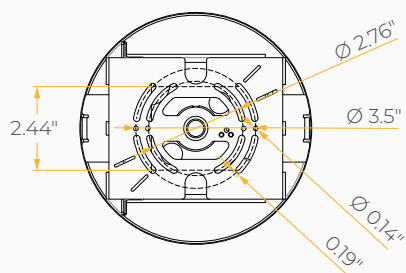
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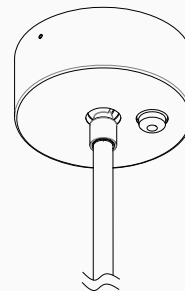
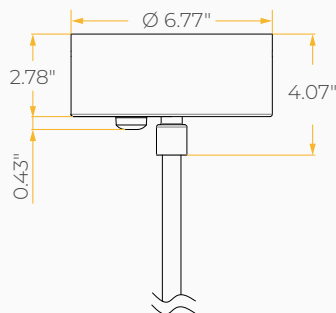
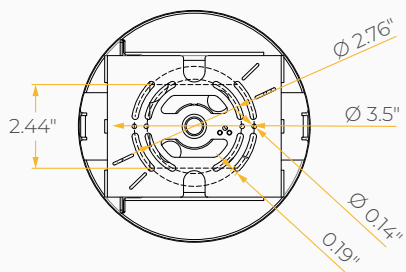
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DIMENSIONS

Lutron Athena Wireless Node Canopy



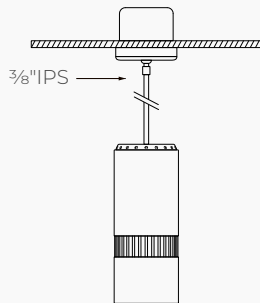
NX Radio Node Canopy



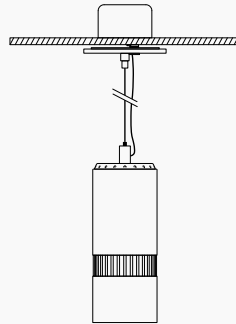
MOUNTING OPTIONS*

*Junction Box not included

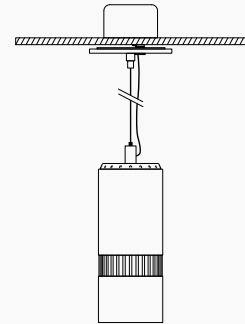
Stem Mount



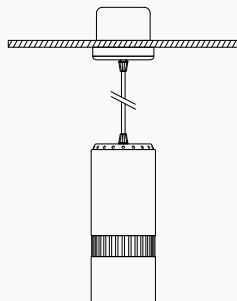
Adjustable Cable Mount



Sloped Adjustable Cable Mount



Cord Mount



Surface Mount

