

# VELA 5

## ARCHITECTURAL CYLINDERS WITH TRANSFORMATIVE PERFORMANCE

### SPECIFICATION SHEET

#### Housing

Diameter : Ø5.3" | Height : 9.7" | Weight : 3.8 lbs

#### Material

Housing : High Pressure Die-Cast Aluminum, PC Shroud

Lens : Clear polycarbonate

#### Power Input

15W, 25W, 35W, 45W | 120-277V

#### Lumen Output

1,620 lm (15W), 2,800 lm (25W), 3,850 lm (35W), 5,000 lm (45W)

#### Dimming

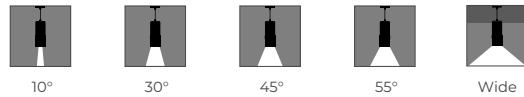
Superior 0-10V : dims to 1%, dims to dark

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

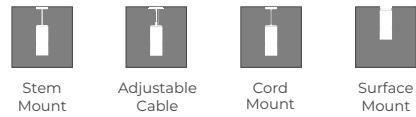
DALI : Dims to 10%

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

#### Optics



#### Mounting



#### Warranty

5 Year limited warranty

#### Listing



## All The Performance You Need In One Family

High performing 5-inch aperture cylinder with delivered lumen package of 1,620 – 5,000 lm.

Available with aluminum and polycarbonate shroud accessories.

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



# METEOR

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

**SPECIFICATION SHEET****VELA 5**ARCHITECTURAL CYLINDERS  
WITH TRANSFORMATIVE PERFORMANCE**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.*

VA5	MODEL	VELA 5		
	WATTAGE	<b>15</b> 15W <b>45</b> 45W	<b>25</b> 25W	<b>35</b> 35W
	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		
	DIMMING	<b>SPV</b> Superior 0-10V: dims to 1%, dims to dark	<b>TRC<sup>1</sup></b> Line-voltage phase control, dims to 1%	<b>DALI<sup>2</sup></b> DALI dims to 10%
	TYPE	<b>STD</b> Standard Cylinder <b>FRS12</b> Frosted PC Shroud 12" <b>ALS16</b> Aluminum Shroud 16"	<b>PCS12</b> Polycarbonate Shroud 12" <b>FRS16</b> Frosted PC Shroud 16"	<b>PCS16</b> Polycarbonate Shroud 16" <b>ALS12</b> Aluminum Shroud 12"
	BEAM ANGLE*	<b>10</b> 10° <b>55</b> 55°	<b>30</b> 30° <b>WD<sup>3</sup></b> Wide	<b>45</b> 45°
	FINISH	<b>BLK</b> Black	<b>WHT</b> White	
	MOUNTING	<b>SUM</b> Surface Mount <b>ST4</b> Stem 4ft	<b>CM10<sup>4</sup></b> Cord Mount 10ft <b>AD10</b> Adjustable Cable 10ft	<b>ST2</b> Stem 2ft <b>SAD10</b> Sloped Adjustable Cable 10ft
	ACCESSORIES	<b>CON<sup>5,6,7</sup></b> Conical Lens <b>FCS<sup>9</sup></b> Field Cut Stem Adapter Kit <b>NX<sup>12</sup></b> NX Radio Module Standalone Module	<b>EMP</b> Remote Emergency Pack <b>AWN<sup>10</sup></b> Lutron Athena Wireless Node Standalone Module <b>NXC<sup>13</sup></b> NX Radio Module Canopy	<b>CT<sup>8</sup></b> Conduit Mount <b>AWNC<sup>11</sup></b> Lutron Athena Wireless Node Canopy

**CLEAR FORM**<sup>1</sup> TRC is only compatible with 120V<sup>2</sup> DALI is not compatible with 45W<sup>3</sup> WD option reduces delivered lumens by ~20%<sup>4</sup> CM10 is not compatible with PCS, FRS, ALS, EMP<sup>5</sup> CON is not compatible with STD<sup>6</sup> CON comes in the same color as the selected type and is not compatible with FRS12<sup>7</sup> CON option reduces delivered lumens by ~15% (~20% with FRS16)<sup>8</sup> CT is not compatible with SUM, CM10<sup>9</sup> FCS is not compatible with SUM, CM10, AD10, SAD10<sup>10</sup> AWN is not compatible with TRC<sup>11</sup> AWNC is not compatible with TRC, SUM, CM10<sup>12</sup> NX is not compatible with TRC, DALI<sup>13</sup> NXC is not compatible with TRC, DALI, SUM, CM10

\* Beam Angle options are not compatible with PCS, FRS, ALS

## SPECIFICATION SHEET

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ARCHITECTURAL CYLINDERS  
WITH TRANSFORMATIVE PERFORMANCE



## TECHNICAL DETAILS

### Electrical

- 1,620 lm (15W) , 2,800 lm (25W), 3,850 lm (35W)
- 5,000 lm (45W)
- Power Input : Universal (120-277V)
- Operating Temperature : -13°F~112°F
- Surge Protection : Built-in is 4kV
- Remote Emergency Pack : Philips Bodine BSL20B2UEK55CII

### 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°, 30°, 45°, 55°, WD

### 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 : Ø5.3"
- Material : High Pressure Die-Cast Aluminum, PC Shroud
- Height :
  - Standard - 9.7"
  - Polycarbonate Shroud 12" & Frosted PC Shroud 12" - 14"
  - Polycarbonate Shroud 16" & Frosted PC Shroud 16" - 17"
  - Aluminum Shroud 12" - 14"
  - Aluminum Shroud 16" - 17"
- Weight :
  - Standard - 3.8 lbs
  - Polycarbonate Shroud 12" & Frosted PC Shroud 12" - 4.9 lbs
  - Polycarbonate Shroud 12" & Frosted PC Shroud 12" - 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 Mount 10ft

### Listing

- ETL Damp Location Listed
- FCC
- CE

## PERFORMANCE SUMMARY\*

STD (Standard)			
CCT/WATTAGE	3000K	3500K	4000K
<b>15W</b>	1,570lm	1,600lm	1,620lm
<b>25W</b>	2,710lm	2,770lm	2,800lm
<b>35W</b>	3,730lm	3,810lm	3,850lm
<b>45W</b>	4,800lm	4,900lm	5,000lm

\*Beam Angle: 55° \* Tolerance ±8%

PCS (PC Shroud)			
CCT/WATTAGE	3000K	3500K	4000K
<b>15W</b>	1,280lm	1,300lm	1,320lm
<b>25W</b>	2,190lm	2,240lm	2,250lm
<b>35W</b>	2,990lm	3,050lm	3,080lm
<b>45W</b>	3,880lm	3,960lm	4,000lm

\*Beam Angle: 55° \* Tolerance ±8%

ALS (Aluminum Shroud)			
CCT/WATTAGE	3000K	3500K	4000K
<b>15W</b>	1,240lm	1,260lm	1,280lm
<b>25W</b>	2,110lm	2,150lm	2,160lm
<b>35W</b>	2,890lm	2,950lm	2,970lm
<b>45W</b>	3,730lm	3,810lm	3,820lm

\*Beam Angle: 55° \* Tolerance ±8%

FRS (Frosted PC Shroud)			
CCT/WATTAGE	3000K	3500K	4000K
<b>15W</b>	1,150lm	1,170lm	1,180lm
<b>25W</b>	1,970lm	2,010lm	2,020lm
<b>35W</b>	2,690lm	2,740lm	2,770lm
<b>45W</b>	3,490lm	3,560lm	3,600lm

\*Beam Angle: 55° \* Tolerance ±8%

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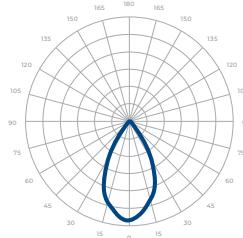
METEOR

## PERFORMANCE SUMMARY\*

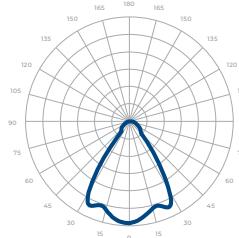
Current Consumption		
WATTAGE / VOLT	120V	277V
<b>15W</b>	0.14A	0.06A
<b>25W</b>	0.23A	0.10A
<b>35W</b>	0.32A	0.14A
<b>45W</b>	0.42A	0.18A

## PHOTOMETRICS

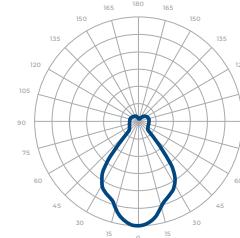
Below is a typical photometric representation of the Vela 5 fixture. Please download IES files to ensure exact photometric value.



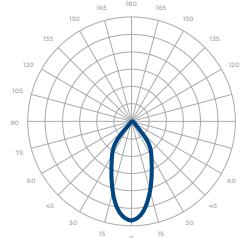
STD (STANDARD) 55°



PCS (POLYCARBONATE SHROUD)



FRS (FROSTED PC SHROUD)



ALS (ALUMINUM SHROUD)

## COLOR FINISH

Black Finish



White Finish



ACCESSORIES

Polycarbonate Shroud



Frosted PC Shroud



Aluminum Shroud



Polycarbonate Shroud  
With Conical Lens



Frosted PC Shroud  
With Conical Lens



Aluminum Shroud  
With Conical Lens



## SPECIFICATION SHEET

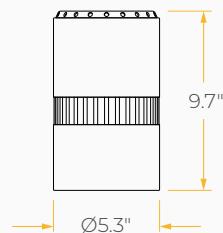
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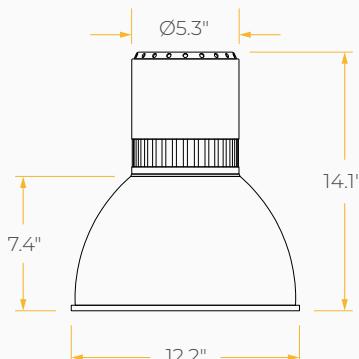
**METEOR**

## DIMENSIONS

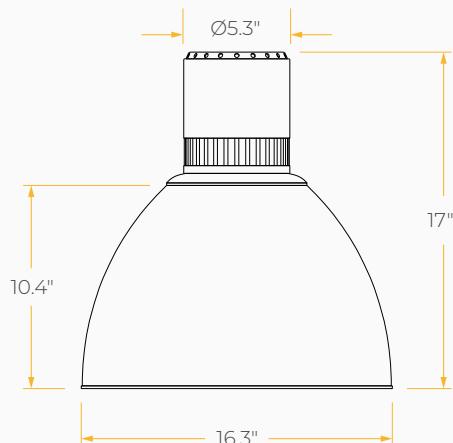
Standard Cylinder



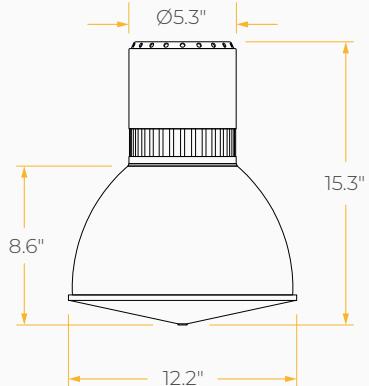
12" Shrouds



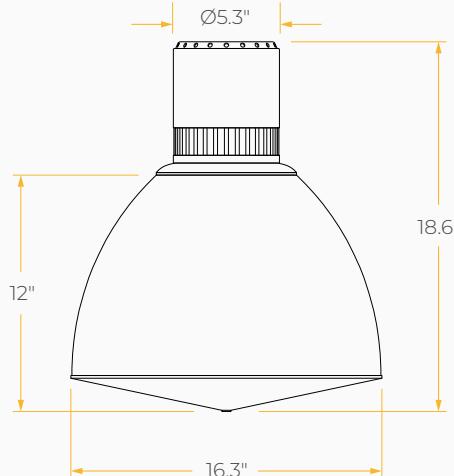
16" Shrouds



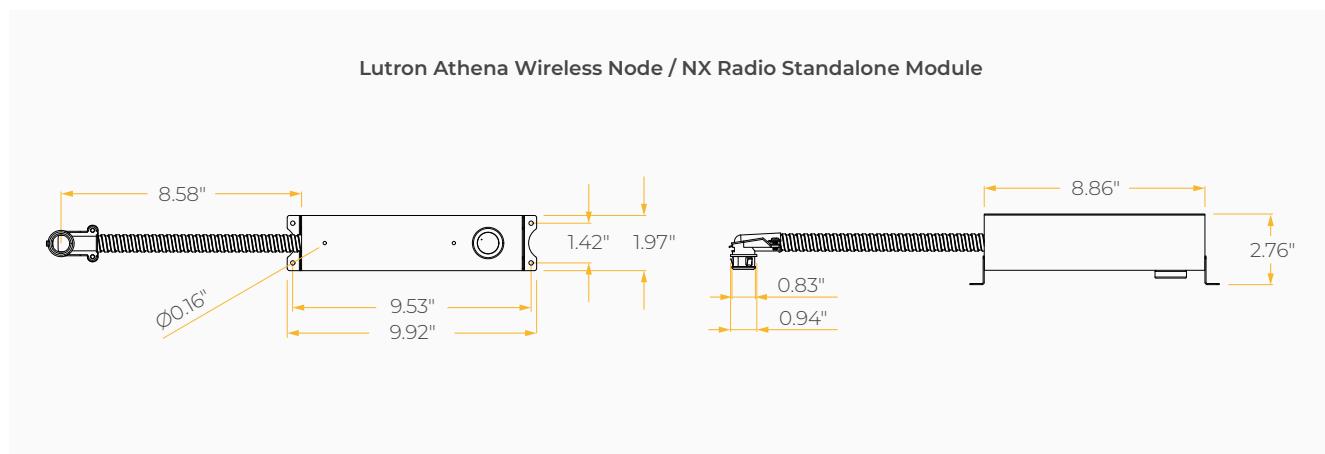
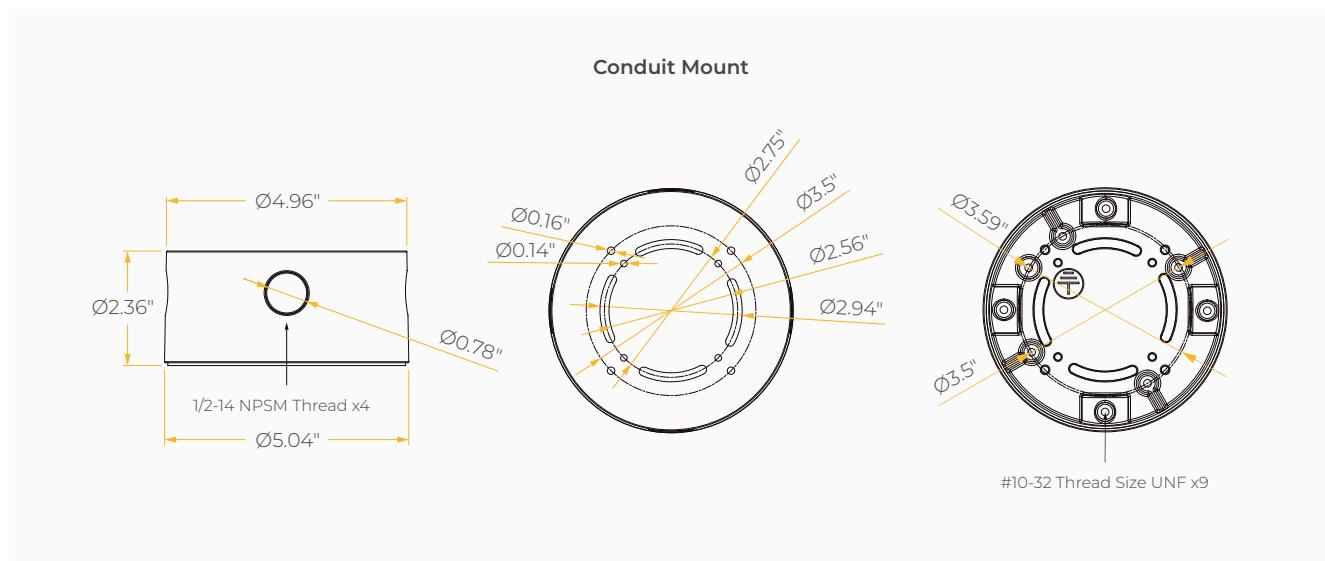
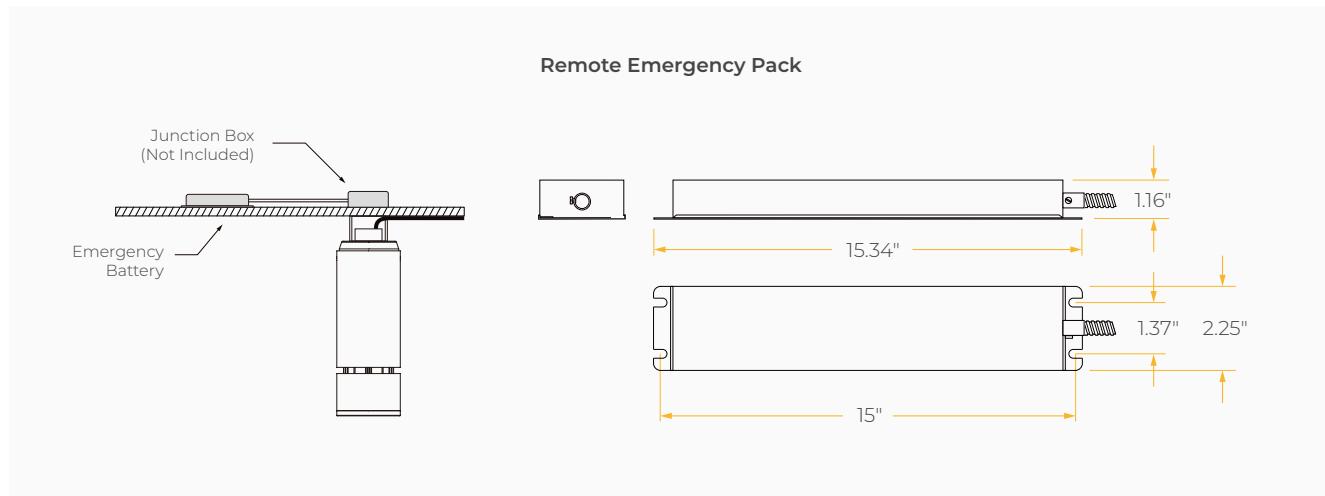
Conical Lens 12"



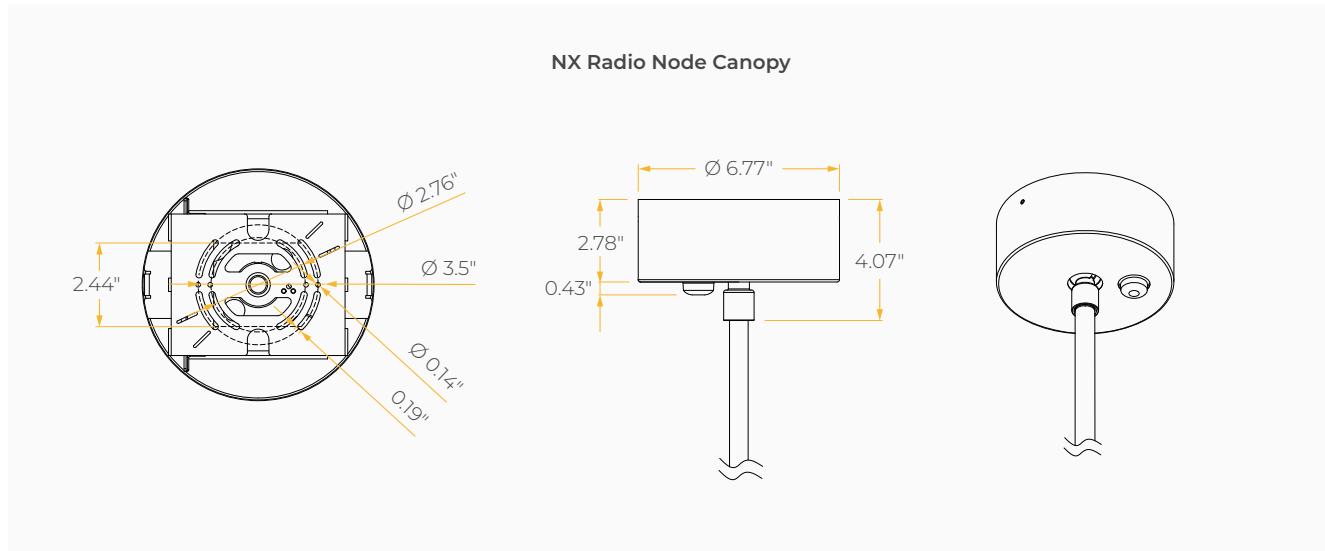
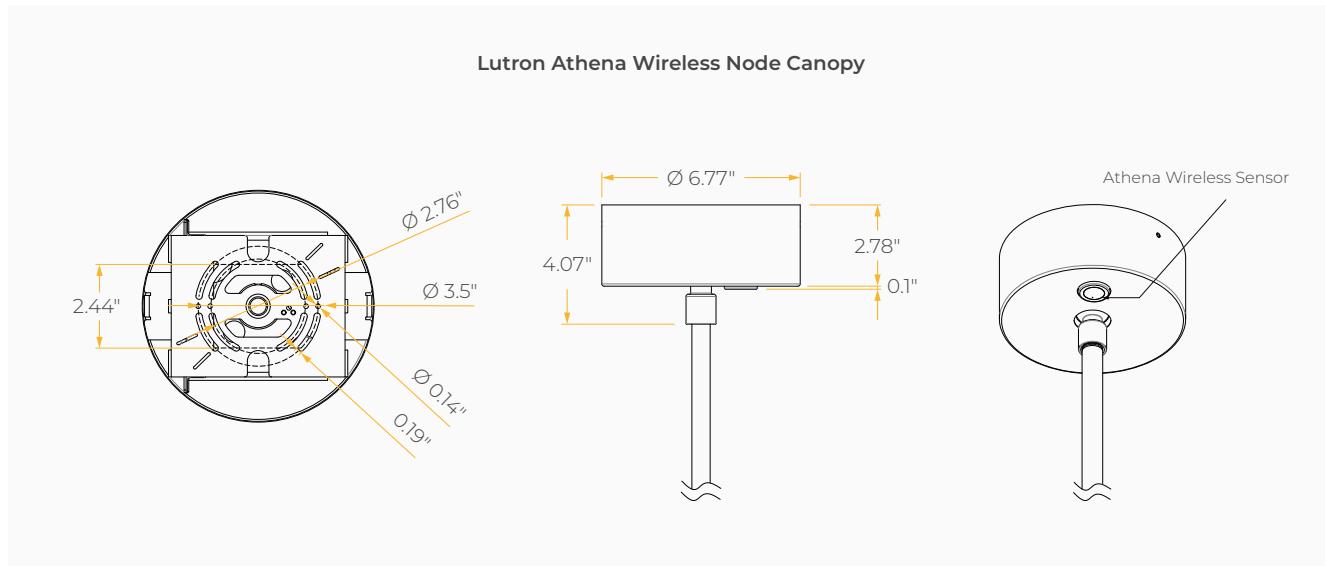
Conical Lens 16"



## DIMENSIONS



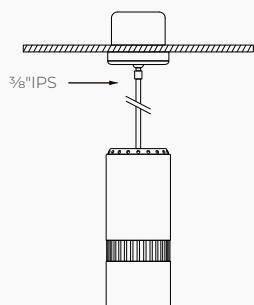
## DIMENSIONS



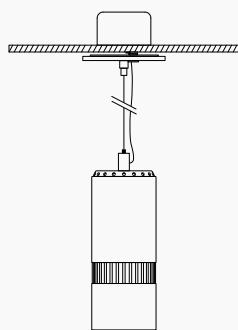
## MOUNTING OPTIONS\*

\*Junction Box not included

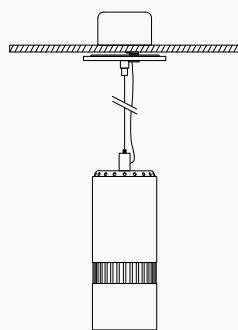
Stem Mount



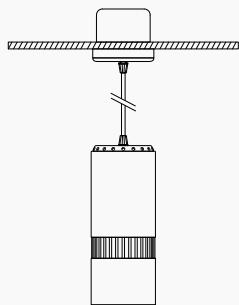
Adjustable Cable Mount



Sloped Adjustable Cable Mount



Cord Mount



Surface Mount

