

# ATRIA 6

## VIBRANT COLOR-CHANGING CYLINDER

### Housing

Diameter : Ø6.4" | Height : 17" | Weight : 19.8 lbs

### Material

Housing: High Pressure Die-Cast Aluminum

Optics: Aluminum Reflector

### Power Input

W+RGB:

50W(White=25W, RGB=25W) | 120-277V

100W(White=50W, RGB=50W) | 120-277V

W+Hue:

50W(White=33W, HSV=17W) | 120-277V

100W(White=66W, HSV=33W) | 120-277V

### Lumen Output

W+RGB: 3,035 lm (50W), 6,200 lm (100W)

W+Hue: 3,530 lm (50W), 7,490 lm (100W)

### Dimming

DMX: 8-bit High resolution dims to 0.1%

### Color Quality

CRI 85

### Rated Life

> 100,000 Hours (L70)

### Finish



Black



White

### Color Temperature



3000K



Archi-Color™

### Optics



60°



Wide

### Mounting



Stem  
Mount



Adjustable  
Cable



Wall  
Mount



Yoke  
Mount



Surface  
Mount

### Warranty

5 Year limited warranty

### Listing



## Architecture + Color combined.

The Atria 6 cylinder with Archi-Color™ is a high-performing cylinder that offers true independent white light for commercial spaces, as well as unlimited chromatic possibilities to elevate spaces with dynamic light.

This cylinder is perfect for archtainment commercial spaces such as convention centers, performance venues, arts, auditoriums, and houses of worship.



# METEOR

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

# ATRIA 6

VIBRANT COLOR  
CHANGING CYLINDER

## SPECIFICATION

PROJECT NAME

DATE

CATALOG #

QUANTITY

<b>AS6</b>	MODEL	<b>ATRIA 6</b>		
	WATTAGE	<b>50</b> 50W	<b>100</b> 100W	
	CCT / CRI	<b>308C</b> 3000K + RGB / CRI 85 Archi-Color™ W+RGB	<b>308U</b> 3000K + RGB / CRI 85 Archi-Color™ W+Hue	
<b>UNV</b>	VOLTAGE	<b>UNV</b> 120 – 277V		
	DIMMING	<b>DMX<sup>1</sup></b> DMX dims to 0.1% (XLR Sockets)	<b>DMX(RJ45)</b> DMX dims to 0.1% (RJ45 Sockets)	<b>DMXP</b> DMX dims to 0.1% (Terminal Block)
	BEAM ANGLE	<b>60</b> 60°	<b>WD<sup>1</sup></b> Wide	
	FINISH	<b>BLK</b> Black	<b>WHT</b> White	
	RIM FINISH	<b>STD</b> Without Ring	<b>GLR</b> Glowing Ring	
	MOUNTING	<b>SUM</b> Surface Mount	<b>ST2</b> Stem 2ft	<b>ST4</b> Stem 4ft
		<b>AD10</b> Adjustable Cable 10ft	<b>SAD10</b> Sloped Adjustable Cable 10ft	<b>YKM</b> Yoke Mount
		<b>WLM<sup>2,3</sup></b> Wall Mount		
	ACCESSORIES	<b>NO</b> No Accessories	<b>SPD<sup>4</sup></b> Surge Protector	<b>DF<sup>5</sup></b> Diffuser
		<b>CB<sup>6</sup></b> Cross Baffle	<b>CT<sup>7</sup></b> Conduit Mount	<b>FCS</b> Field Cut Stem Adapter Kit

<sup>1</sup> Please factor in change in lumen output with WD -20%

<sup>2</sup> Wall Mount DMX does not include XLR / RJ45 sockets

<sup>3</sup> Wall Mount DMX wiring is through 3 DMX wires (Positive / Negative / Common)

<sup>4</sup> Surge protector for up to 10KV. Applicable for unstable mains or facilities using high power machineries

<sup>5</sup> Please factor in change in lumen output with DF (-20% with WD; -12% with other degrees)

<sup>6</sup> Please factor in change in lumen output with CB -30%

<sup>7</sup> CT only compatible with ST and AD mounting types

## TECHNICAL DETAILS

### Electrical

- Archi-Color™ W+RGB:  
3,035 lm (50W | White = 25W, RGB = 25W)  
6,200 lm (100W | White = 50W, RGB = 50W)
- Archi-Color™ W+Hue:  
3,530 lm (50W | White = 33W, HSV = 17W)  
7,490 lm (100W | White = 66W, HSV = 33W)
- Power Input: Universal (120-277V)
- Operating Temperature: -13°F~112°F
- Surge Protection: Built-in is 4KV
- Power Factor Greater than 0.9

### LED Features

- Color Temperature: 3000K + Archi-Color™ W+RGB / W+Hue
- CRI 85
- Long lasting LED luminaire tested under TM21 lumen maintenance L70 @ 100,000 Hrs
- Lumen Maintenance > 0.90 at 60,000 hours

### Optics

- Aluminum Reflector
- Beam Angle: 60°, WD

### Advanced Dimming

- Proprietary VX Driver™ is incorporated to all dimming options for video flicker-free lighting
- DMX: 8-bit High resolution dims to 0.1% (Supports ANSI E1.20 RDM protocol)

### Housing

- Diameter: Ø6.4"
- Height: 17"
- Material: High Pressure Die-Cast Aluminum
- Weight: 19.8 lbs

### Mounting

- Surface Mount
- Stem 2ft or 4ft; 45° Swivel Canopy Included
- Adjustable Cable 10ft
- Yoke Mount
- Wall Mount
- Sloped Adjustable Cable 10ft

### Warranty

- 5-year limited warranty

### Listing

- ETL Damp Location Listed
- CE
- FCC
- UKCA

## PERFORMANCE SUMMARY\*

Lumen Performance (W+RGB)				
50W	R	G	B	W
	120lm	810lm	100lm	2,005lm
100W	R	G	B	W
	220lm	1,720lm	210lm	4,050lm

\*Beam Angle: 60° \*Tolerance ±8%

Lumen Performance (W+Hue)				
50W	R	G	B	W
	170lm	1,370lm	160lm	2,160lm
100W	R	G	B	W
	310lm	2,910lm	350lm	4,580lm

\*Beam Angle: 60° \*Tolerance ±8%

Wattage (W+RGB)				
Channel	R	G	B	W
Fixture Wattage				
50W	8W	8W	8W	25W
100W	17W	17W	17W	50W

Wattage (W+Hue)		
Channel	HSV*	W
Fixture Wattage		
50W	17W	33W
100W	33W	66W

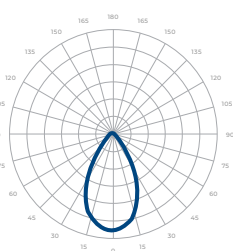
\*The output power of any color generated through the three channels of HSV.

## PERFORMANCE SUMMARY

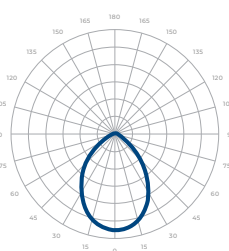
Current Consumption		
Fixture Wattage	Voltage	
	120V	277V
50W	0.37A	0.16A
100W	0.73A	0.32A

## PHOTOMETRICS

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



60°



Wide

## DMX REQUIREMENTS

The Atria 6 Archi-Color™ fixture with DMX is a **four channel dmx** unit. When placing an order, please indicate DMX address. (The DMX address will be listed on the back of the fixture). Do not connect more than 32 fixtures per DMX daisy chain.

DMX Address (W+RGB)				
Channel Fixture	Red Control (ex. X)	Green Control (ex. X+1)	Blue Control (ex. X+2)	White Control (ex. X+3)
#1	1	2	3	4
#2	5	6	7	8
#3	9	10	11	12

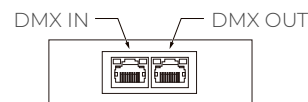
DMX Address (W+Hue)				
Channel Fixture	Hue (H)	Saturation (S)	Value / Intensity (V)	White Control (W)*
#1	1	2	3	4
#2	5	6	7	8
#3	9	10	11	12

\*The White Control channel adjusts the brightness of 3000K LEDs.

## DMX REQUIREMENTS

The fixture can be connected with RJ45 or XLR sockets. DMX cables **are not** included; please refer to compatible DMX cabling list for more information. The final fixture on each daisy chain should be terminated by the use of a DMX terminator purchased from a 3rd party or from Meteor.

CONNECTION	RJ45 (CAT5e)	5-PIN XLR
Common	WHITE/BROWN(PIN7) & BROWN (PIN 8)	PIN 1
Signal -	ORANGE (PIN 2)	PIN 2
Signal +	WHITE/ORANGE (PIN 1)	PIN 3
Spare	-	PIN 4
Spare	-	PIN 5



RJ45 Sockets



DMX IN DMX OUT

XLR Sockets

## COMPATIBLE DMX CABLING LIST

DMX uses a cable consisting of two twisted pairs plus a shield to carry data. The cable must be specifically impedance matched for the digital DMX signal, meaning that microphone cable or other non-rated cable **must not be used to carry DMX**. Network cable (Cat5, 5e or 6 cable) may be used to carry DMX in an installation; however special consideration must be given to shielding and termination. Under no circumstances should solid core cable like Cat5 be terminated into a screw down connector.

Meteor recommends the use of Belden 9729 or Belden 9841 for DMX installation. Belden 9729/9841 is a two pair cable, which allows for a spare pair for 'out and back' type terminations if needed.

## COLOR TEMPERATURE CHART

This color temperature chart provides the precise values required to recreate specific color temperatures.

Color Temperature Chart (W+Hue)				
Channel	1	2	3	4
COLOR/CCT	Hue (H)	Saturation (S)	Value / Intensity (V)	White Control (W)*
RED	0	255	255	0
GREEN	85	255	255	0
BLUE	170	255	255	0
1900K	16	255	255	90
2700K	22	255	255	200
3000K	28	255	255	255
3500K	42	225	255	255
4000K	70	165	255	255
4500K	85	150	255	255
5000K	120	215	255	255
6500K	132	255	255	237

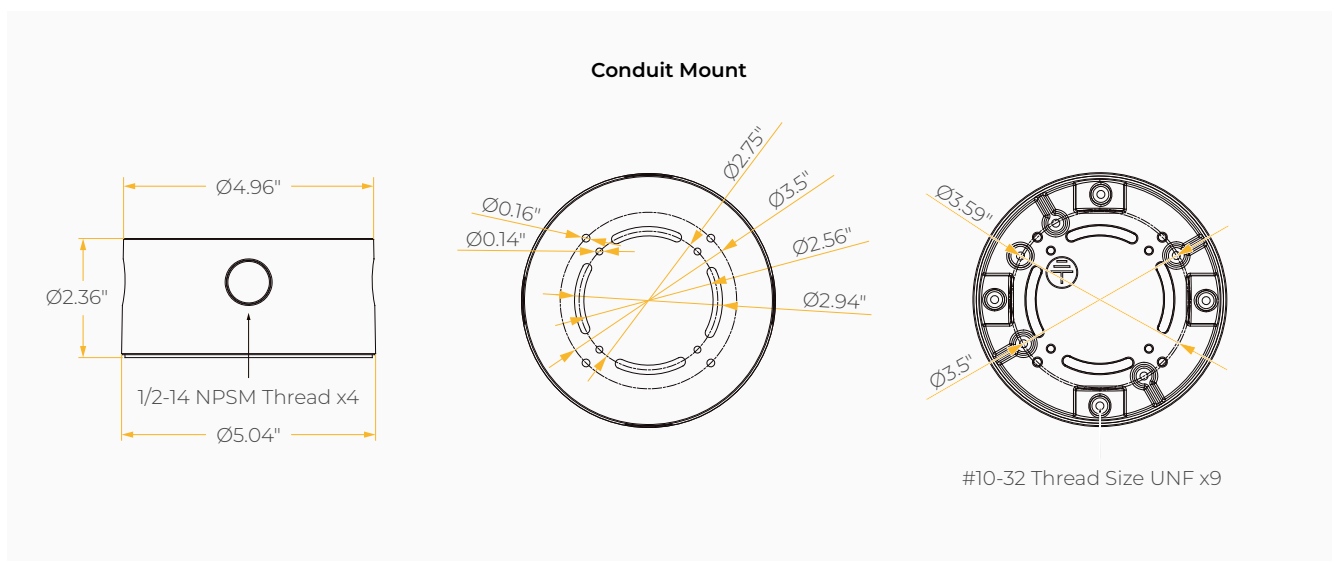
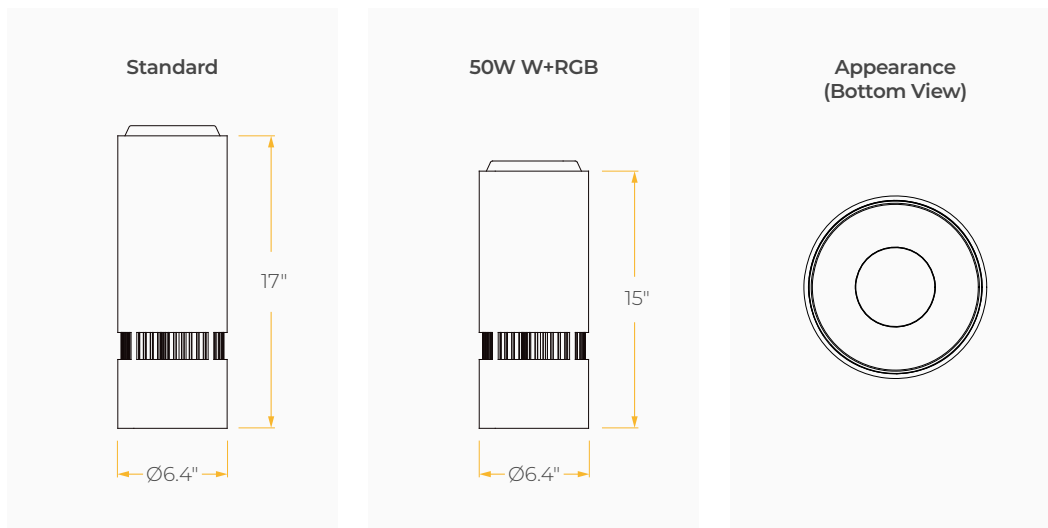
\*The White Control channel adjusts the brightness of 3000K LEDs.

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## RIM FINISH



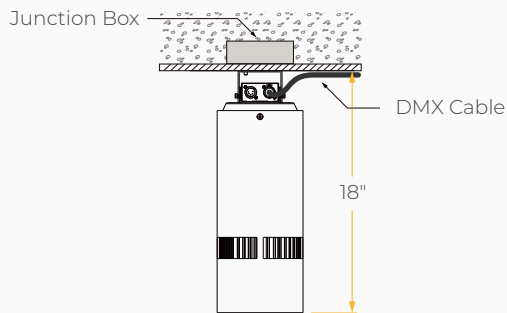
## DIMENSIONS



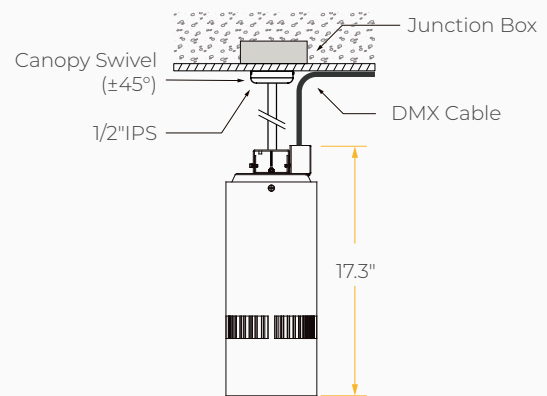
## MOUNTING OPTIONS\*

\*Junction Box not included

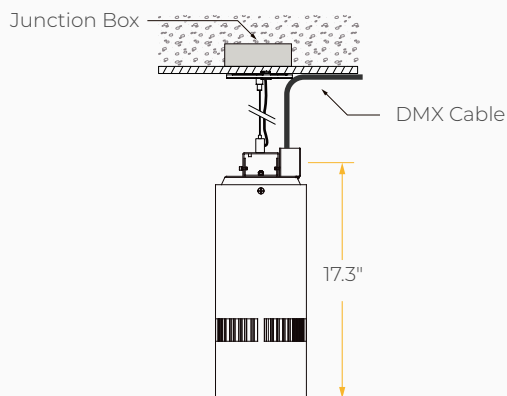
**Surface Mount**



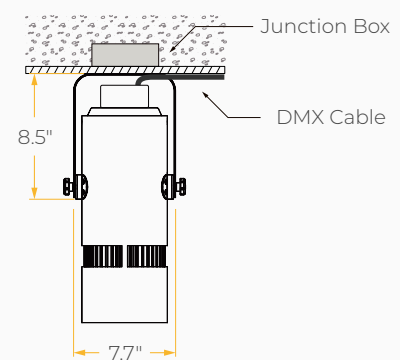
**Stem Mount**



**Adjustable Cable**



**Yoke Mount**



**Wall Mount**

