

# ATRIA 4

## VIBRANT COLOR-CHANGING CYLINDER

### Housing

Diameter : Ø4.8" | Height : 12.6" | Weight : 8 lbs

### Material

Housing: High Pressure Die-Cast Aluminum

Lens: Clear Polycarbonate

### Power Input

W+RGB:

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

W+Hue:

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

### Lumen Output

W+RGB: 2,595 lm (50W)

W+Hue: 3,050 lm (50W)

### Dimming

DMX : 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 4 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 4

VIBRANT COLOR  
CHANGING CYLINDER

## SPECIFICATION

PROJECT NAME

DATE

CATALOG #

QUANTITY

<b>AS4</b>	MODEL	<b>ATRIA 4</b>		
<b>50</b>	WATTAGE	<b>50</b> 50W		
	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</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> Standard Trim	<b>GLR</b> Glow Ring	<b>MLT</b> Mit-Lit Trim
	MOUNTING	<b>SUM</b> Surface Mount <b>AD10</b> Adjustable Cable 10ft <b>SAD10</b> Sloped Adjustable Cable 10ft	<b>ST2</b> Stem 2ft <b>WLM<sup>2</sup></b> Wall Mount	<b>ST4</b> Stem 4ft <b>YKM</b> Yoke Mount
	ACCESSORIES	<b>NO</b> No Accessories <b>FCS</b> Field Cut Stem Adapter Kit	<b>DF<sup>3</sup></b> Diffuser	<b>CT<sup>4</sup></b> Conduit Mount

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

<sup>2</sup> Wall Mount DMX wiring is through 3 DMX Positive / Negative / Common wires

<sup>3</sup> Please factor in change in lumen output with diffuser(-20% with WD; -12% with other degrees)

<sup>4</sup> CT only compatible with ST and AD mounting types

## TECHNICAL DETAILS

### Electrical

- Archi-Color™ W+RGB:  
2,595 lm (50W | White = 25W, RGB = 25W)
- Archi-Color™ W+Hue:  
3,050 lm (50W | White = 33W, HSV = 17W)
- Power Input: Universal (120-277V)
- Operating Temperature: -13°F~104°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

- Precision molded high transmittance clear PC lens
- Beam Angle: 60°, Wide

### Advanced Dimming

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

### Housing

- Diameter: Ø4.8"
- Height: 12.6"
- Material: High Pressure Die-Cast Aluminum, PC Lens
- Weight: 8 lbs

### Mounting

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

### Warranty

- 5-year limited warranty

### Listing

- ETL Damp Location Listed
- CE
- GR
- UKCAC

## PERFORMANCE SUMMARY\*

Lumen Performance (W+RGB)				
50W	R	G	B	W
	120lm	790lm	95lm	1,590lm

\*Beam Angle: 60° \*Tolerance ±8%

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

Lumen Performance (W+Hue)				
50W	R	G	B	W
	170lm	1,340lm	160lm	1,710lm

\*Beam Angle: 60° \*Tolerance ±8%

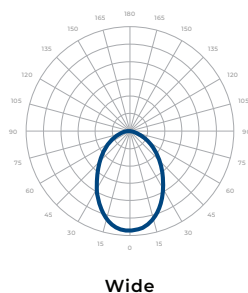
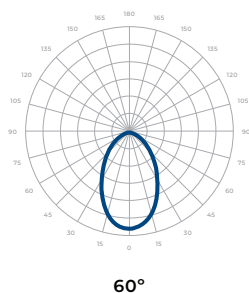
Wattage (W+Hue)		
Channel	HSV*	W
Fixture Wattage	17W	33W
50W	17W	33W

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

Current Consumption		
50W	Voltage	Current
	Fixture Wattage	0.48A 0.21A

## PHOTOMETRICS

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



## DMX REQUIREMENTS

The Atria 4 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.

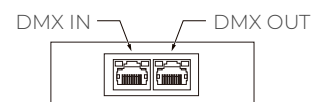
DMX Address (W+RGB)				
Channel Fixture	Red Control (ex. X)	Green Control (ex. X+1)	Blue Control (ex. X+2)	White Control (ex. X+3)
#1	1	2	3	4
#2	5	6	7	8
#3	9	10	11	12

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.

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.

# ATRIA 4 VIBRANT COLOR CHANGING CYLINDER

## RIM FINISH



Standard Trim

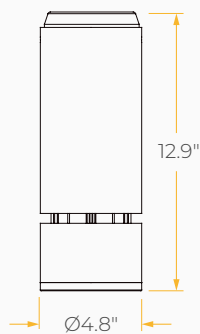


Glow Ring

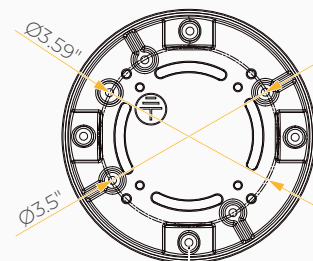
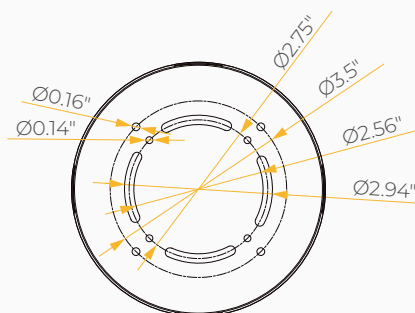
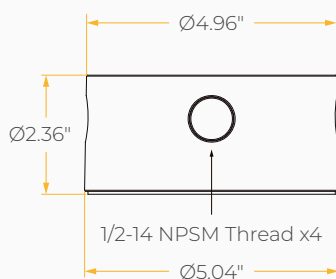


Mid-Lit Trim

## DIMENSIONS



### Conduit Mount



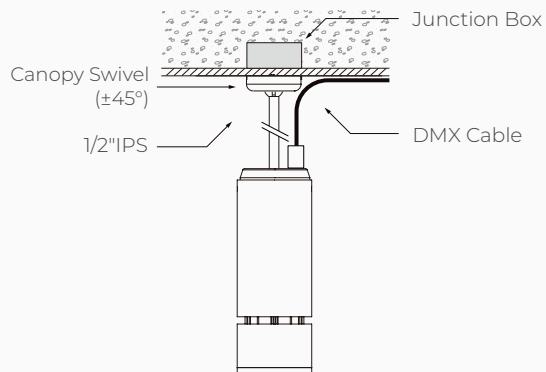
#10-32 Thread Size UNF x9

# ATRIA 4 VIBRANT COLOR CHANGING CYLINDER

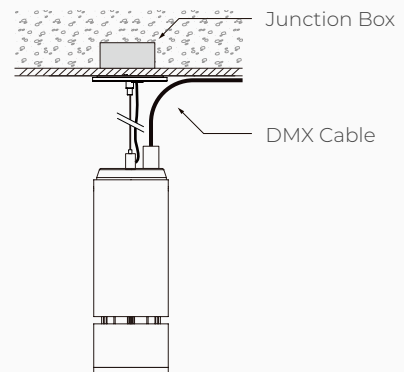
## MOUNTING OPTIONS\*

\*Junction box not included

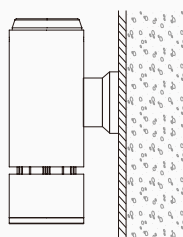
Stem Mount



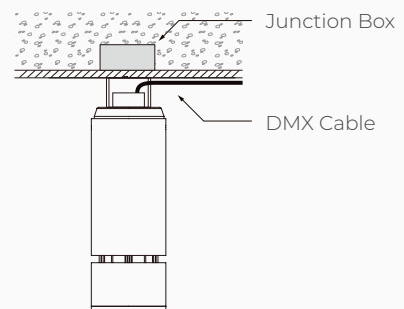
Adjustable Cable



Wall Mount



Surface Mount



Yoke Mount

