

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

> 60,000 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



SPECIFICATION SHEET ARCHI-COLOR™ W+RGB & W+HUE

Architecture + Color combined.

The Atria 4 cylinder with Archi-Color™ is a high-performing white light 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

ATRIA 4 VIBRANT COLOR
CHANGING CYLINDER



SPECIFICATION

PROJECT NAME	<input type="text"/>	DATE	<input type="text"/>
CATALOG #	<input type="text"/>	QUANTITY	<input type="text"/>

<input type="text" value="AS4"/>	MODEL	ATRIA 4		
<input type="text" value="50"/>	WATTAGE	50 50W		
<input type="text"/>	CCT / CRI	308C 3000K + RGB / CRI 85 Archi-Color™ W+RGB	308U 3000K + RGB / CRI 85 Archi-Color™ W+Hue	
<input type="text" value="UNV"/>	VOLTAGE	UNV 120 – 277V		
<input type="text"/>	DIMMING	DMX DMX dims to 0.1% (XLR Sockets)	DMX(RJ45) DMX dims to 0.1% (RJ45 Sockets)	DMXP DMX dims to 0.1% (Terminal Block)
<input type="text"/>	BEAM ANGLE	60 60°	WD¹ Wide	
<input type="text"/>	FINISH	BLK Black	WHT White	
<input type="text"/>	RIM FINISH	STD Standard Trim	GLR Glow Ring	MLT Mit-Lit Trim
<input type="text"/>	MOUNTING	SUM Surface Mount AD10 Adjustable Cable 10ft SAD10 Sloped Adjustable Cable 10ft	ST2 Stem 2ft WLM² Wall Mount	ST4 Stem 4ft YKM Yoke Mount
<input type="text"/>	ACCESSORIES	NO No Accessories FCS Field Cut Stem Adapter Kit	DF³ Diffuser	CT⁴ Conduit Mount

¹ Please factor in change in lumen output with WD -20%
² Wall Mount DMX wiring is through 3 DMX Positive / Negative / Common wires
³ Please factor in change in lumen output with diffuser(-20% with WD; -12% with other degrees)
⁴ 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
- FCC
- UKCA

PERFORMANCE SUMMARY*

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

*Beam Angle: 60° *Tolerance ±8%

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

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

*Beam Angle: 60° *Tolerance ±8%

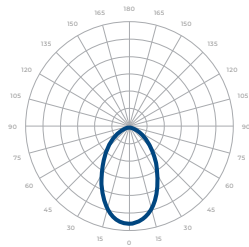
Wattage (W+Hue)			
50W	Channel	HSV*	W
		Fixture Wattage	17W

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

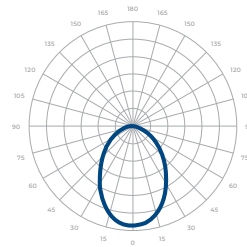
Current Consumption		
50W	Voltage	Current
		120V
	277V	0.21A

PHOTOMETRICS

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



60°



Wide

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

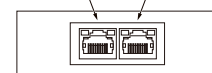
DMX Address (W+Hue)				
Channel Fixture	Hue (H)	Saturation (S)	Value / Intensity (V)	White Control (W)*
#1	1	2	3	4
#2	5	6	7	8
#3	9	10	11	12

*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

DMX IN DMX OUT



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

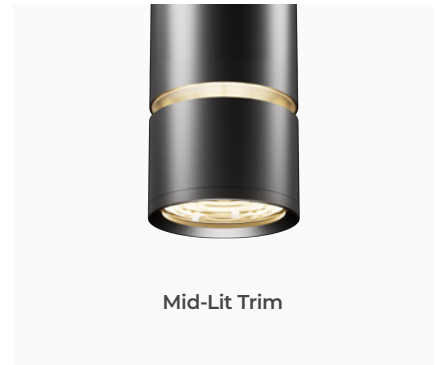
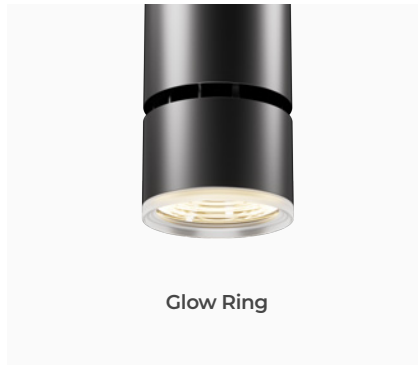
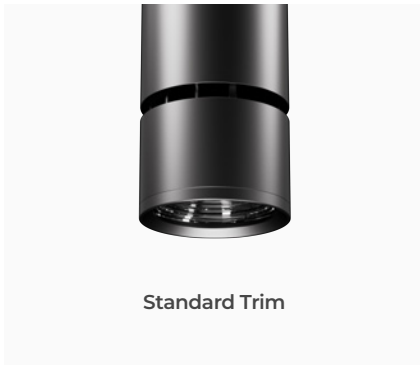
This color temperature chart provides the precise values required to recreate specific color temperatures.

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

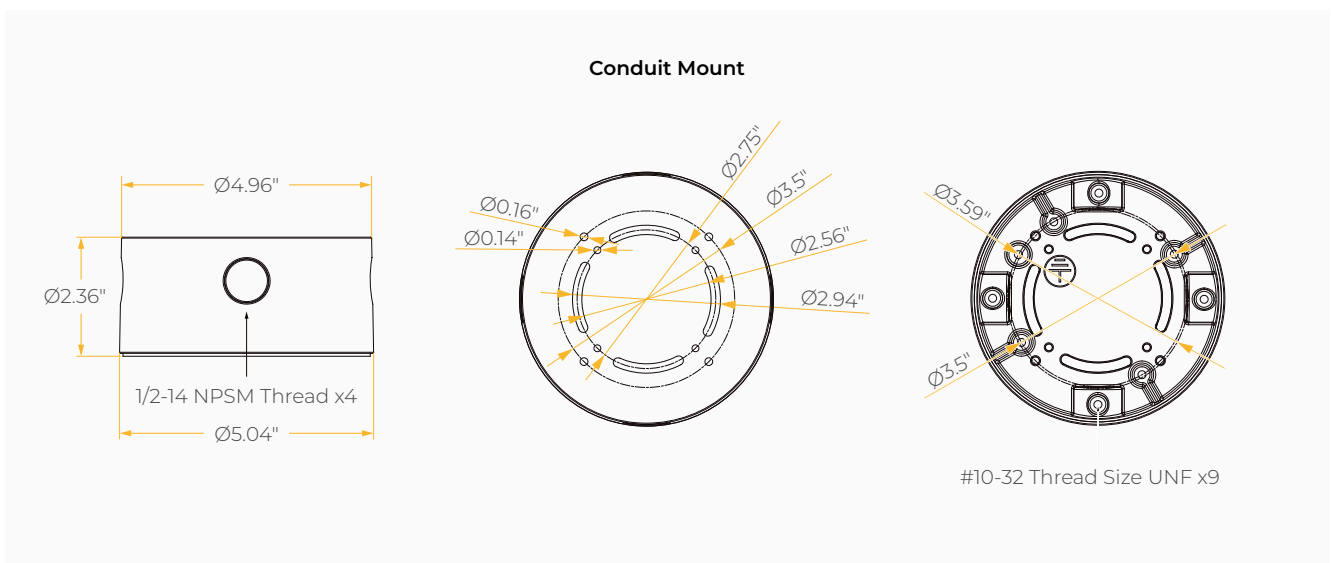
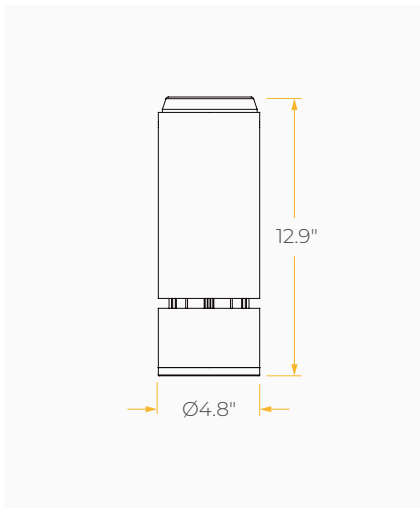
*The White Control channel adjusts the brightness of 3000K LEDs.

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RIM FINISH



DIMENSIONS



MOUNTING OPTIONS*

*Junction box not included

