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

+

W+RGB / W+HUE   Archi-Color™

Optics
60°
Wide

Mounting
Stem Mount
Adjustable Cable
Wall Mount
Yoke Mount
Surface Mount

Warranty
5 Year limited warranty

Listing
ETL Intertek
CE
FCC
UKCA

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 architainment commercial spaces such as convention centers, performance venues, arts, auditoriums, and houses of worship.
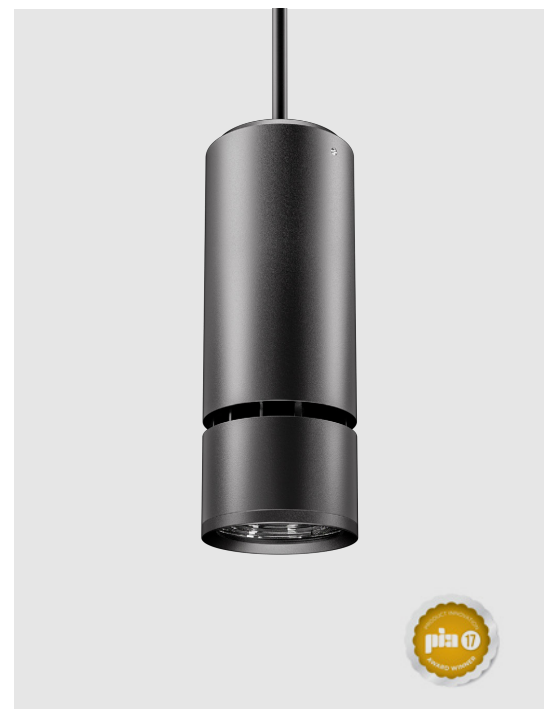
METEOR

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.

AS4	MODEL	**ATRIA 4**		
50	WATTAGE	**50** 50W		
	CCT / CRI	**308C** 3000K + RGB / CRI 85 Archi-Color™ W+RGB	**308U** 3000K + RGB / CRI 85 Archi-Color™ W+Hue	
UNV	VOLTAGE	**UNV** 120 – 277V		
	DIMMING	**DMX** DMX dims to 0.1% (XLR Sockets)	**DMXR** DMX dims to 0.1% (RJ45 Sockets)	**DMXP** DMX dims to 0.1% (Terminal Block)
	BEAM ANGLE	**60** 60°	**WD¹** Wide	
	FINISH	**BLK** Black	**WHT** White	
	RIM FINISH	**STD** Standard Trim	**GLR** Glow Ring	
	MOUNTING	**SUM** Surface Mount **AD10** Adjustable Cable 10ft	**ST2** Stem 2ft **YKM** Yoke Mount	**ST4** Stem 4ft **SAD10** Sloped Adjustable Cable 10ft
	ACCESSORIES	**DF²** Diffuser	**CT³** Conduit Mount	**FCS⁴** Field Cut Stem Adapter Kit

↻ **CLEAR FORM**

[1] Please factor in change in lumen output with WD -20%

[2] Please factor in change in lumen output with diffuser(-20% with WD; -12% with other degrees)

[3] CT only compatible with ST and AD mounting types

[4] Option is not compatible with outdoor or natatorium configurations

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)				
	R	G	B	W
50W	120lm	790lm	95lm	1,590lm

*Beam Angle: 60° * Tolerance ±8%*

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

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

*Beam Angle: 60° * Tolerance ±8%*

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

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

Current Consumption		
Voltage / Fixture Wattage	120V	277V
50W	0.48A	0.21A

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ATRIA 4
VIBRANT COLOR
CHANGING CYLINDER

METEOR

PHOTOMETRICS

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

60°

Wide
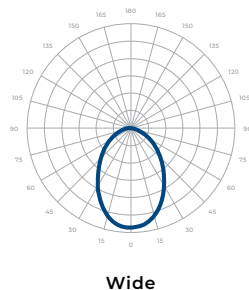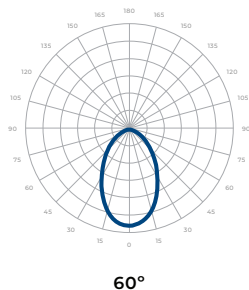
DMX REQUIREMENTS

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

PUSH
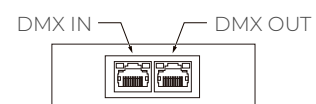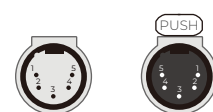
DMX IN   DMX OUT

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.
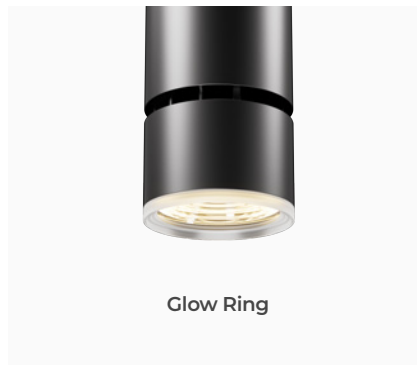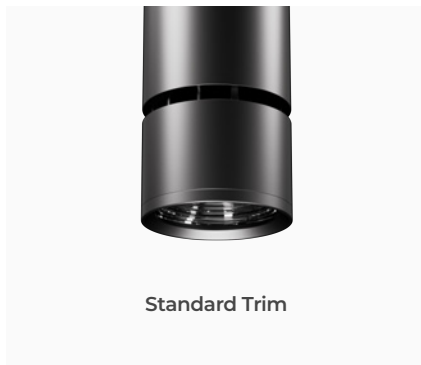
COLOR TEMPERATURE CHART

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.
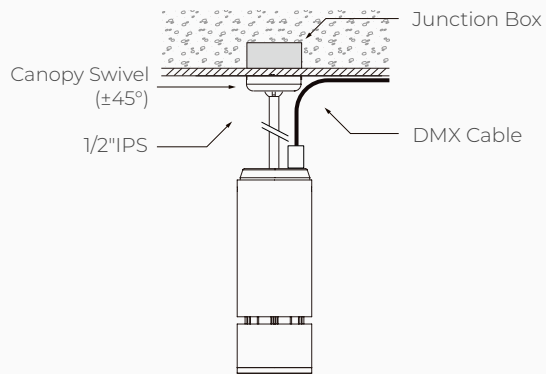
ATRIA 4 VIBRANT COLOR CHANGING CYLINDER

METEOR

RIM FINISH

Standard Trim

Glow Ring

DIMENSIONS

12.9"

Ø4.8"

Conduit Mount

Ø4.96"

Ø2.36"

1/2-14 NPSM Thread x4

Ø5.04"

Ø0.16"
Ø0.14"
Ø2.75"
Ø3.5"
Ø2.56"
Ø2.94"

Ø3.59"
Ø3.5"

#10-32 Thread Size UNF x9
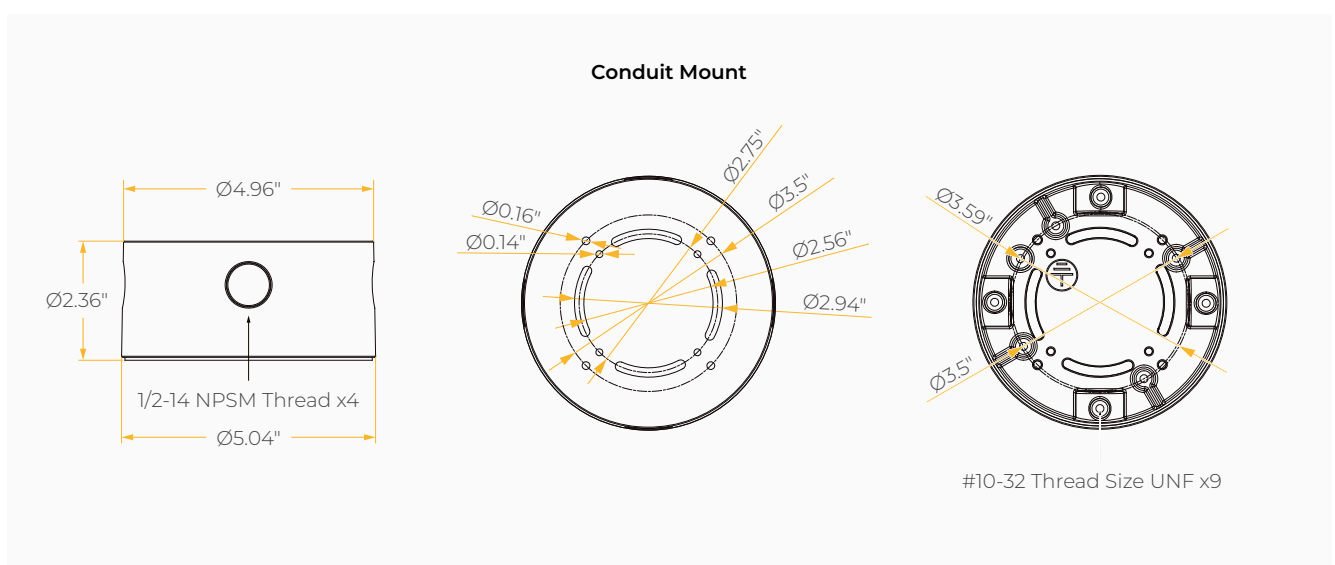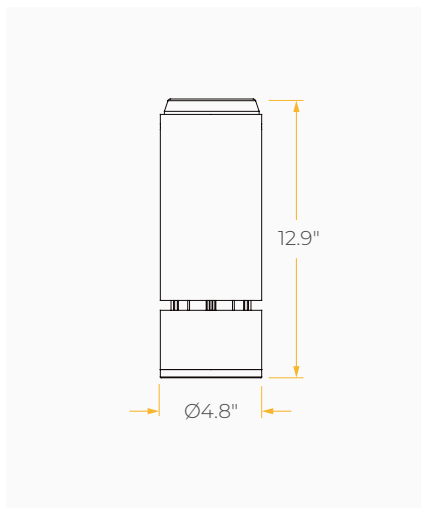
MOUNTING OPTIONS*

Junction box not included

Stem Mount

Junction Box

Canopy Swivel
(±45°)

1/2"IPS

DMX Cable

Adjustable Cable

Junction Box

DMX Cable

Wall Mount

Surface Mount

Junction Box

DMX Cable

Yoke Mount

DMX Cable

DMX Cable