ATRIA II 6

REIMAGINING PERFORMANCE SPACES

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

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 : High resolution dims to 0.1%

Color Quality
CRI 85

Rated Life
> 100,000 Hours (L70)

Finish

Matte Black | Matte 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

Intertek | CE | FC | UK CA

Architecture + Color Combined

Engineered for performance spaces, this architectural compact cylinder seamlessly integrates into ceilings, delivering powerful performance with vibrant, color-changing technology that elevates any stage environment.

With Archi-Color™, Atria II provides true independent white light for commercial applications, as well as unlimited chromatic possibilities to transform spaces with colorful dynamic light.

METEOR

meteor-lighting.com

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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.

ASII6	MODEL	**ATRIA II 6**		
	WATTAGE	○ **50** 50W	○ **100** 100W	
	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°	○ **WD**[1] Wide	
	FINISH	○ **BLK** SilentBlack™, Matte Finish	○ **WHT** SilentWhite™, Matte Finish	
	RIM FINISH	○ **STD** Without Ring	○ **GLR** Glowing Ring	
	MOUNTING	○ **SUM** Surface Mount ○ **AD10** Adjustable Cable 10ft ○ **WLM**[2] Wall Mount	○ **ST2** Stem 2ft ○ **SAD10** Sloped Adjustable Cable 10ft	○ **ST4** Stem 4ft ○ **YKM** Yoke Mount
	ACCESSORIES	☐ **SPD**[3] Surge Protector ☐ **CT**[6] Conduit Mount	☐ **DF**[4] Diffuser ☐ **FCS** Field Cut Stem Adapter Kit	☐ **CB**[5] Cross Baffle

CLEAR FORM

[1] *Please factor in change in lumen output with WD -20%*
[2] *Specifying wall mount with DMX does not feature XLR or RJ45 sockets; connections are hard-wired using three DMX wires.*
[3] *Surge protector for up to 10KV. Applicable for unstable mains or facilities using high power machineries*
[4] *Please factor in change in lumen output with DF (-20% with WD; -12% with other degrees)*
[5] *Please factor in change in lumen output with CB -30%*
[6] *CT only compatible with ST and AD mounting types*

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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: 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%*

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

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

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

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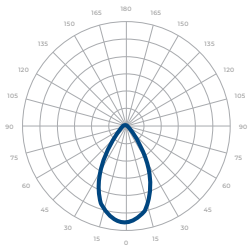
PERFORMANCE SUMMARY

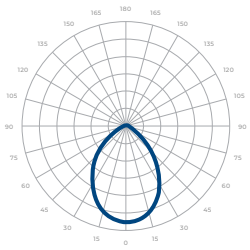
Current Consumption		
Voltage / Fixture Wattage	120V	277V
50W	0.37A	0.16A
100W	0.73A	0.32A

PHOTOMETRICS

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



60°



Wide

DMX REQUIREMENTS

The Atria 6 II 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.*

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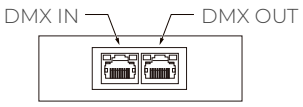
DMX REQUIREMENTS

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

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 / COLOR/CCT	1	2	3	4
	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

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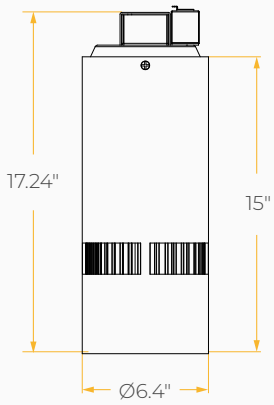
RIM FINISH

Standard Trim

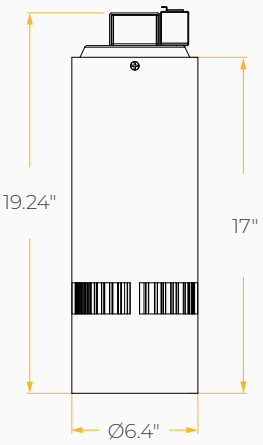
Glowing Ring

DIMENSIONS

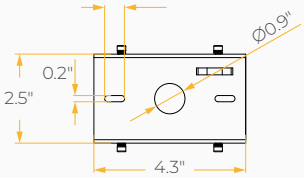
50W



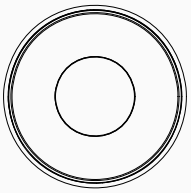
100W



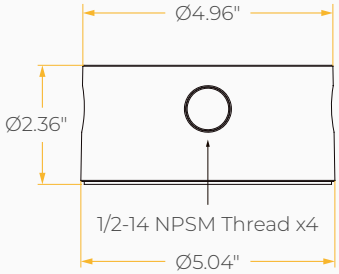
Mounting bracket
(Top View)

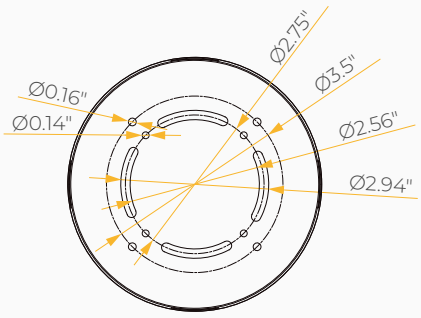


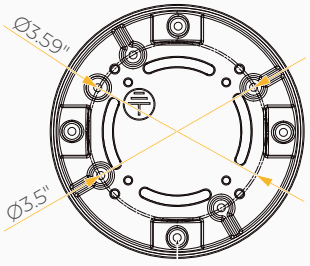
Appearance
(Bottom View)



Conduit Mount







#10-32 Thread Size UNF x9

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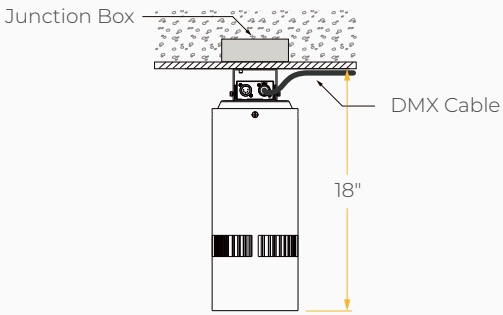
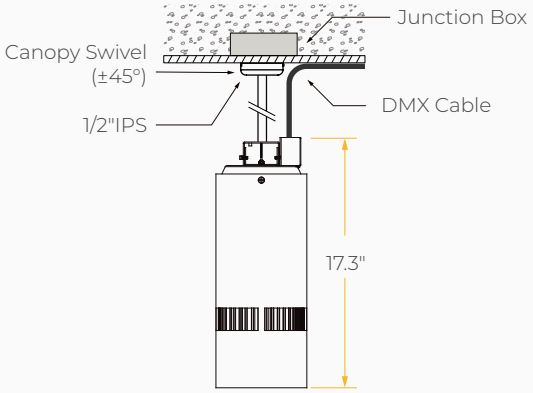
MOUNTING OPTIONS*

**Juntion Box not included*

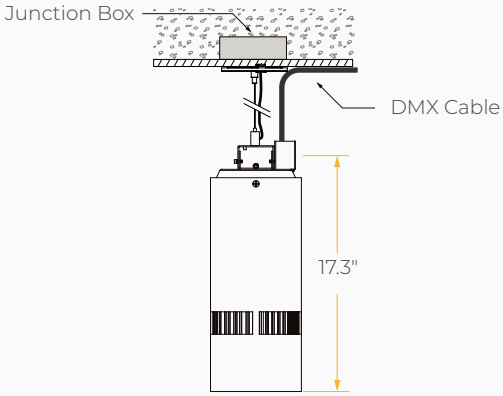
Surface Mount



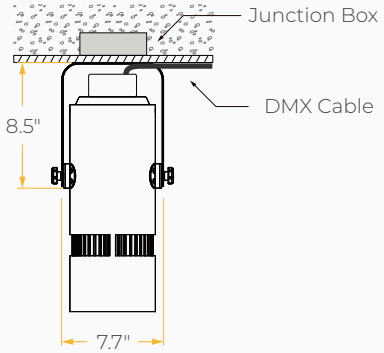
Stem Mount



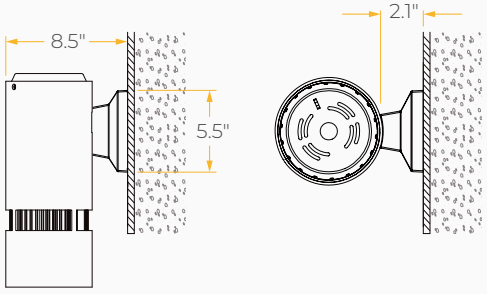
Adjustable Cable



Yoke Mount



Wall Mount



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