

# ATRIA II 8

REIMAGINING PERFORMANCE SPACES

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

## Housing

Diameter : Ø8.1" | Height : 21.5" | Weight : 20 lbs

## Material

Housing : High Pressure Die-Cast Aluminum  
Optics : Metal Reflector

## Power Input

W+RGB :

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

160W(White=80W, RGB=80W) | 120-277V

W+Hue :

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

150W(White=100W, HSV=50W) | 120-277V

## Lumen Output

W+RGB : 5,250 lm (100W), 8,420 lm (160W)

W+Hue : 6,620 lm (100W), 9,940 lm (150W)

## Dimming

DMX : High resolution dims to 0.1% (Supports ANSI E1.20 RDM protocol)

## Color Quality

CRI 85

## Rated Life

> 100,000 Hours (L70)

## Finish



Matte Black

Matte White

## Color Temperature



+



3000K



Archi-Color™

## Optics



45°



55°



Wide

## Mounting



Stem  
Mount



Adjustable  
Cable



Yoke  
Mount



Wall  
Mount



Surface  
Mount

## Warranty

5 Year limited warranty

## Listing



## 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

**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.

<input type="text" value="ASII8"/>	MODEL	<b>ATRIA II 8</b>		
<input type="text"/>	WATTAGE	<b>100</b> 100W	<b>150</b> 150W	<b>160</b> 160W
<input type="text"/>	CCT / CRI	<b>308C<sup>1</sup></b> 3000K +RGB / CRI 85 Archi-Color™ W+RGB	<b>308U<sup>2</sup></b> 3000K +RGB / CRI 85 Archi-Color™ W+Hue	
<input type="text" value="UNV"/>	VOLTAGE	<b>UNV</b> 120 – 277V		
<input type="text"/>	DIMMING	<b>DMX</b> DMX dims to 0.1% (XLR Sockets)	<b>DMXR</b> DMX dims to 0.1% (RJ45 Sockets)	<b>DMXP</b> DMX dims to 0.1% (Terminal Block)
<input type="text"/>	BEAM ANGLE	<b>45</b> 45°	<b>55</b> 55°	<b>WD<sup>3</sup></b> Wide
<input type="text"/>	FINISH	<b>BLK</b> SilentBlack™, Matte Finish	<b>WHT</b> SilentWhite™, Matte Finish	
<input type="text"/>	RIM FINISH	<b>STD</b> Standard	<b>GLR</b> Glow Ring	
<input type="text"/>	MOUNTING	<b>ST2</b> Stem 2ft <b>SAD10</b> Sloped Adjustable Cable 10ft <b>SUM</b> Surface Mount	<b>ST4</b> Stem 4ft <b>YKM</b> Yoke Mount	<b>AD10</b> Adjustable Cable 10ft <b>WLM<sup>4</sup></b> Wall Mount
<input type="text"/>	ACCESSORIES	<b>SPD<sup>5</sup></b> Surge Protector <b>FCS<sup>8</sup></b> Field Cut Stem Adapter Kit	<b>HC<sup>6</sup></b> Hex Cell Louver	<b>CT<sup>7</sup></b> Conduit Mount

CLEAR FORM

<sup>1</sup> 308C is not compatible with 150  
<sup>2</sup> 308U is not compatible with 160  
<sup>3</sup> WD option reduces delivered lumens by ~20%  
<sup>4</sup> Specifying wall mount with DMX does not feature XLR or RJ45 sockets; connections are hard-wired using three DMX wires  
<sup>5</sup> Surge protector for up to 10KV. Applicable for unstable mains or facilities using high power machineries  
<sup>6</sup> HC option reduces delivered lumens by ~30%  
<sup>7</sup> CT is not compatible with SUM, YKM, WLM  
<sup>8</sup> FCS is not compatible with SUM, AD10, SAD10, YKM, WLM

## TECHNICAL DETAILS

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### Electrical

- Archi-Color™ W+RGB :  
5,250 lm (100W | White = 50W, RGB = 50W)  
8,420 lm (160W | White = 80W, RGB = 80W)
- Archi-Color™ W+Hue :  
6,620 lm (100W | White = 66W, HSV = 33W)  
9,940 lm (150W | White = 100W, HSV = 50W)
- 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 : 45°, 55°, 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 : Ø8.1"
- Height : 21.5"
- Material : High Pressure Aluminum, Metal Reflector
- Weight : 20 lbs

### Mounting

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

### Warranty

- 5-year limited warranty

### Listing

- ETL Damp Location Listed
- CE
- UKCA
- FCC

**PERFORMANCE SUMMARY\***

Lumen Performance (W+RGB)				
	R	G	B	W
<b>100W</b>	220lm	1,440lm	130lm	3,460lm
<b>160W</b>	350lm	2,310lm	210lm	5,550lm

Wattage (W+RGB)				
Channel	R	G	B	W
<b>Fixture Wattage</b>				
<b>100W</b>	16W	16W	16W	50W
<b>160W</b>	26W	26W	26W	80W

Lumen Performance (W+Hue)				
	R	G	B	W
<b>100W</b>	350lm	2,120lm	230lm	4,500lm
<b>150W</b>	530lm	3,180lm	350lm	6,760lm

Wattage (W+Hue)		
Channel	HSV*	W
<b>Fixture Wattage</b>		
<b>100W</b>	33W	66W
<b>150W</b>	50W	100W

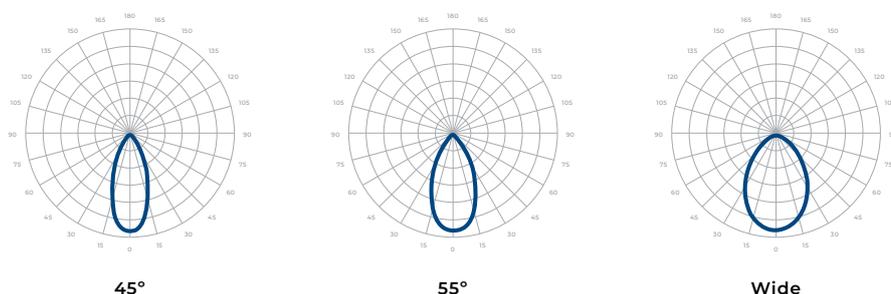
\*The output power of any color generated through the three channels of HSV.

\*Beam Angle: 55° \*Tolerance ±8%

Current Consumption		
Voltage	120V	277V
<b>Fixture Wattage</b>		
<b>100W</b>	0.91A	0.39A
<b>150W</b>	1.4A	0.60A
<b>160W</b>	1.5A	0.64A

**PHOTOMETRICS**

Below is a typical photometric representation of the Atria 8 fixture. Please download IES files to ensure exact photometric value.



## DMX REQUIREMENTS

The Atria II 8 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

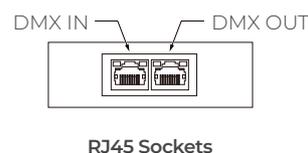
DMX Address (W+Hue)				
Channel Fixture	Hue (H)	Saturation (S)	Value / Intensity (V)	White Control (W)*
#1	1	2	3	4
#2	5	6	7	8
#3	9	10	11	12

\*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



## 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.

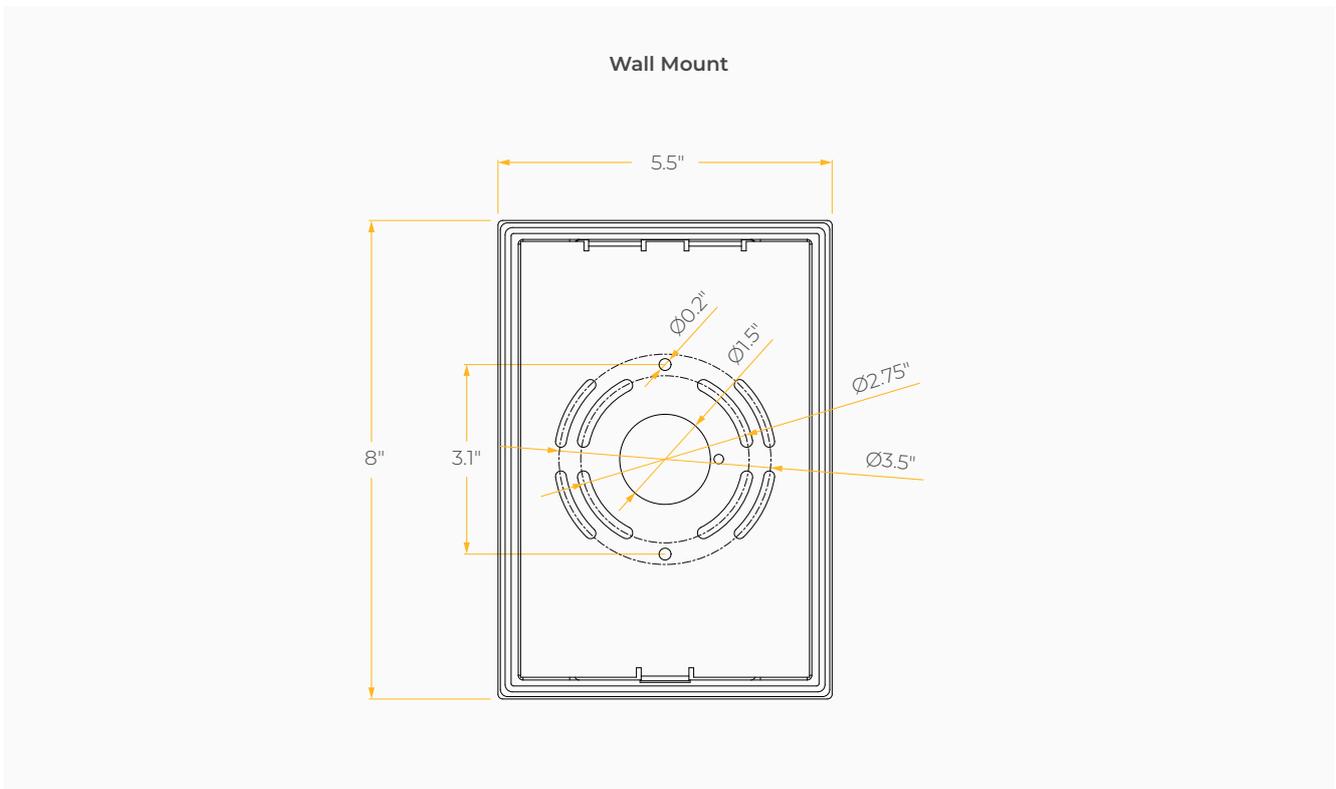
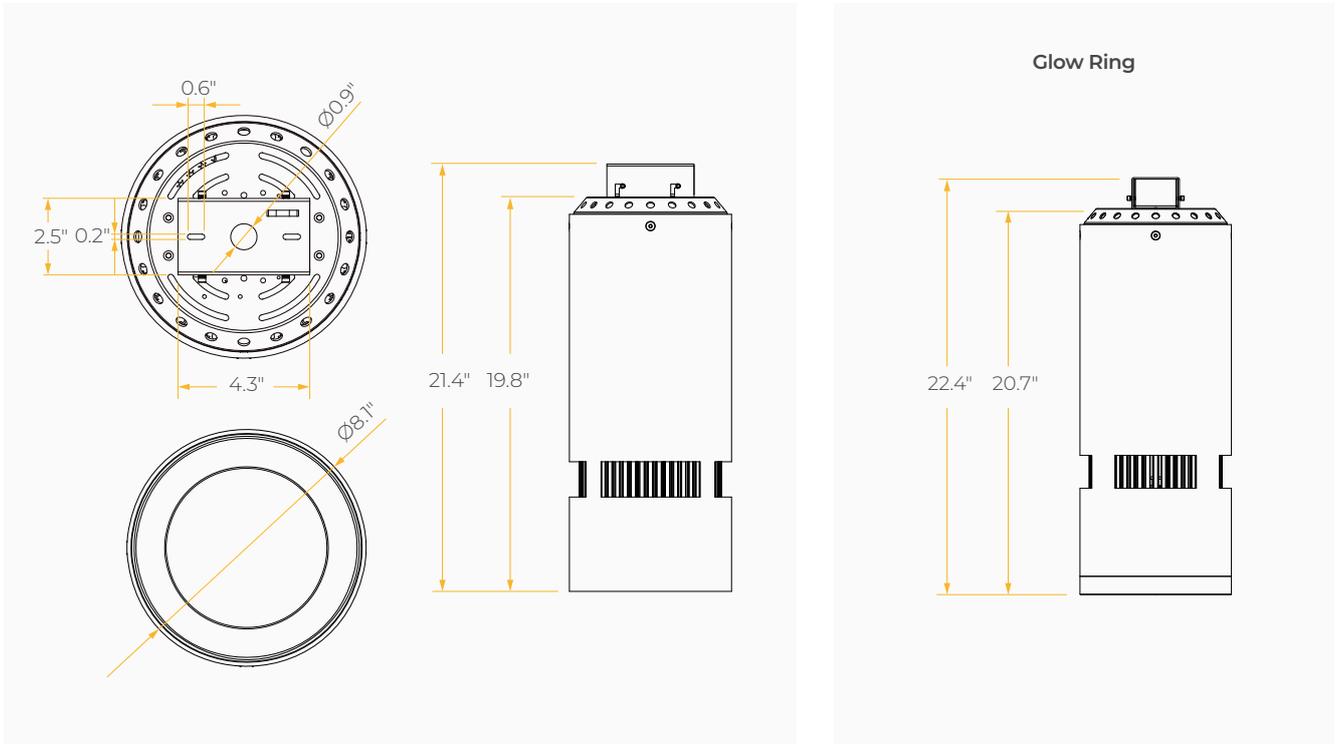
## COLOR TEMPERATURE CHART

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

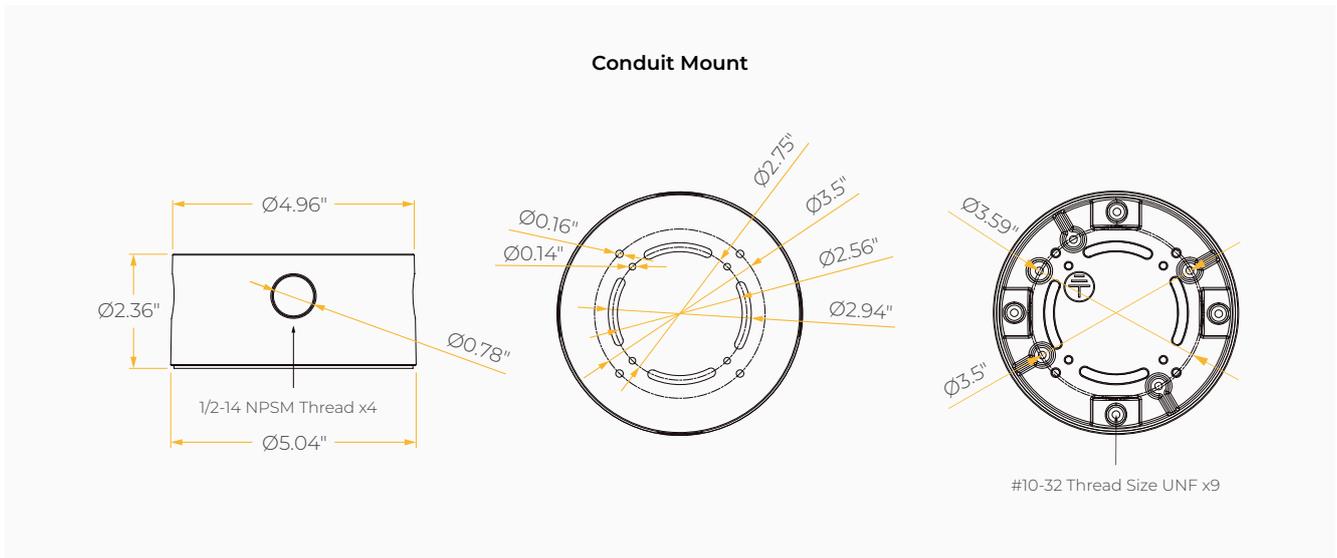
Color Temperature Chart (W+Hue)				
Channel	1	2	3	4
COLOR/CCT	Hue (H)	Saturation (S)	Value / Intensity (V)	White Control (W)*
RED	0	255	255	0
GREEN	85	255	255	0
BLUE	170	255	255	0
1900K	16	255	255	90
2700K	22	255	255	200
3000K	28	255	255	255
3500K	42	225	255	255
4000K	70	165	255	255
4500K	85	150	255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

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

**DIMENSIONS**



**DIMENSIONS\***



**MOUNTING OPTIONS\***

\*Junction box not included

