

# ATRIA 6

SPECIFICATION SHEET  
W+RGB

## POWERFUL COLOR CHANGING CYLINDER

### Housing

Diameter : Ø6.4" | Height : 17" | Weight : 19.8 lbs

### Material

Housing: High Pressure Die-Cast Aluminum

Optics: Aluminum Reflector

### Power Input

50W / W=25W, RGB=25W | 120-277V

100W / W=50W, RGB=50W | 120-277V

### Lumen Output

3,035 lm (50W)

6,200 lm (100W)

### Dimming

DMX: High resolution dims to 0.1%

### Color Quality

CRI 85

### Rated Life

> 60,000 Hours (L70)

### Finish



Black



White

### Color Temperature



3000K



ColorFlip™ W+RGB

### Optics



60°



Wide

### Mounting



Stem  
Mount



Adjustable  
Cable



Yoke  
Mount



Surface  
Mount

### Warranty

5 Year limited warranty

### Listing



Masterfully engineered and aesthetically refined.

The Atria 6 is a high-performing cylinder for mixed applications. The cylinder is compatible with our ColorFlip™ color-changing technologies, as well as being wet location rated. Specified in convention centers, performance venues, and high ceiling spaces that need a quiet design but a lot of light.



**SPECIFICATION**

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

<b>AS6</b>	<b>MODEL</b>	<b>ATRIA 6 W+RGB</b>		
	<b>WATTAGE</b>	<b>50</b> 50W	<b>100</b> 100W	
<b>308C</b>	<b>CCT / CRI</b>	<b>308C</b> 3000K / CRI 85+RGB		
<b>UNV</b>	<b>VOLTAGE</b>	<b>UNV</b> 120 – 277V		
	<b>DIMMING</b>	<b>DMX</b> <sup>1</sup> DMX dims to 0.1% (XLR Sockets)	<b>DMX(RJ45)</b> <sup>1</sup> DMX dims to 0.1% (RJ45 Sockets)	
	<b>BEAM ANGLE</b>	<b>60</b> 60°	<b>WD</b> <sup>1</sup> Wide	
	<b>FINISH</b>	<b>BLK</b> Black	<b>WHT</b> White	
	<b>RIM FINISH</b>	<b>STD</b> Without Ring	<b>GLR</b> Glowing Ring	
	<b>MOUNTING</b>	<b>SUM</b> Surface Mount <b>AD10</b> Adjustable Cable 10ft <b>SAD10</b> Sloped Adjustable Cable 10ft	<b>ST2</b> Stem 2ft <b>YKM</b> Yoke Mount	<b>ST4</b> Stem 4ft <b>WLM</b> <sup>3</sup> Wall Mount
	<b>ACCESSORIES</b>	<b>NO</b> No Accessories <b>CB</b> <sup>6</sup> Cross Baffle	<b>SPD</b> <sup>4</sup> Surge Protector <b>CT</b> <sup>7</sup> Conduit Mount	<b>DF</b> <sup>5</sup> Diffuser

<sup>1</sup>Wall Mount DMX does not include XLR / RJ45 sockets  
<sup>2</sup> Please factor in change in lumen output with diffuser(-20% with WD; -12% with other degrees)  
<sup>3</sup> Wall Mount DMX wiring is through 3 DMX wires (Positive / Negative / Common)  
<sup>4</sup> Surge protector for up to 10KV. Applicable for unstable mains or facilities using high power machineries  
<sup>5</sup> Please factor in change in lumen output with DF (-20% with WD; -12% with other degrees)  
<sup>6</sup> Please factor in change in lumen output with CB -30%  
<sup>7</sup> CT only compatible with ST and AD mounting types

## TECHNICAL DETAILS

### Electrical

- 3,035 lm (50W)
- 6,200 lm (100W)
- 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+RGB
- 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

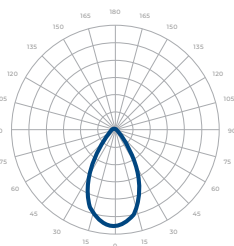
## PERFORMANCE SUMMARY\*

Standard					Current Consumption		
COLOR/WATTAGE	R	G	B	W	WATTAGE / VOLT	120V	277V
50W	8W	8W	8W	25W	50W	0.45A	0.19A
	120lm	810lm	100lm	2,005lm		100W	0.89A
100W	17W	17W	17W	50W	100W		0.89A
	220lm	1,720lm	210lm	4,050lm			

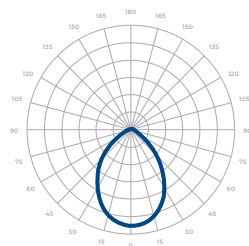
\*Beam Angle: 60° \*Tolerance ±8%

## PHOTOMETRICS

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



60°



Wide

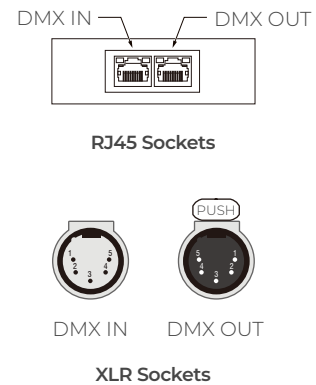
## DMX REQUIREMENTS

The Atria 6 W+RGB 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.

Fixture	DMX Address			
	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

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 for DMX installation. Belden 9729 is a two pair cable, which allows for a spare pair for 'out and back' type terminations if needed.

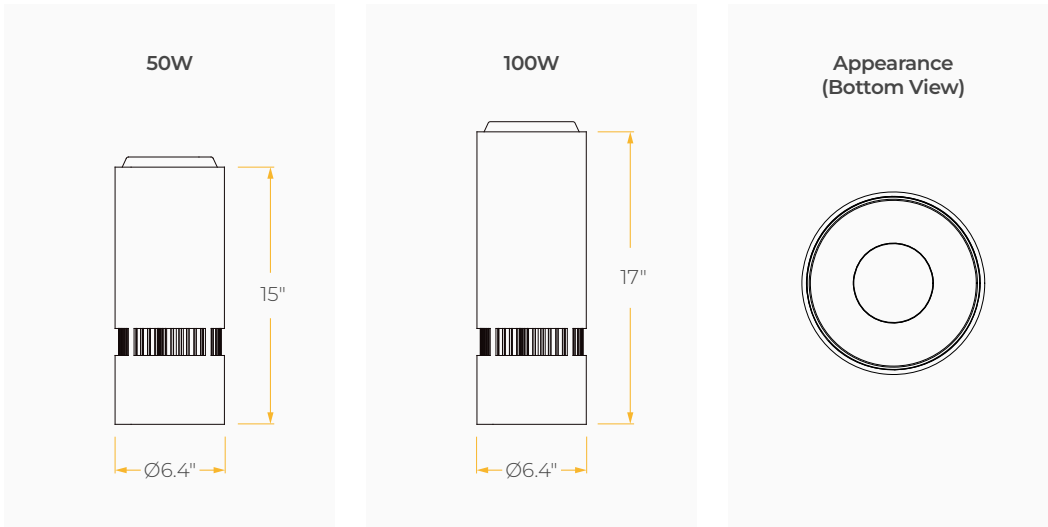
**RIM FINISH**



Standard Trim

Glowing Ring

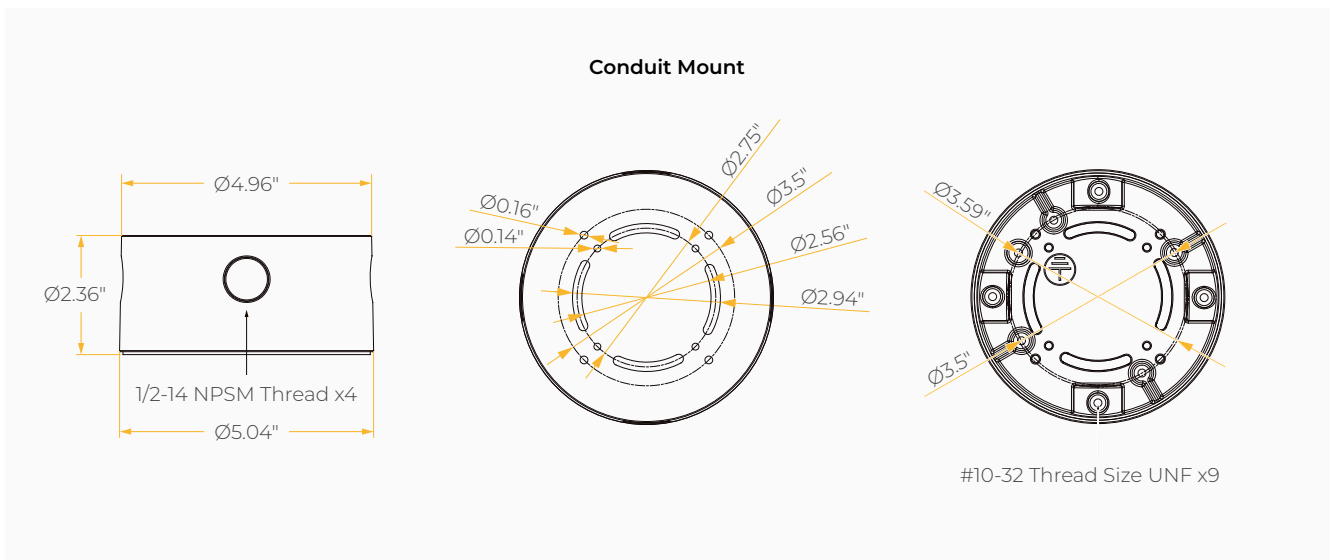
**DIMENSIONS**



50W

100W

Appearance  
(Bottom View)



Conduit Mount

#10-32 Thread Size UNF x9

**MOUNTING OPTIONS\***

\*Junction Box not included

