

# ATRIA II 10

REIMAGINING PERFORMANCE SPACES

## Housing

Diameter : Ø9.4" | Height : 20.5" | Weight : 30 lbs

## Material

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

## Power Input

W+RGB :

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

200W TypeA (White=100W, RGB=100W) | 120V-277V

200W TypeB (White=150W, RGB=50W) | 120V-277V

W+Hue :

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

200W (White=132W, HSV=66W) | 120V-277V

## Lumen Output

W+RGB : 6,145 lm (100W), 13,255 lm (200W TypeA), 14,145 lm (200W TypeB)

W+Hue : 7,210 lm (100W), 16,050 lm (200W)

## 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



Archi-Color™

3000K

## Optics



45°



55°



Wide

## Mounting



Stem Mount



Adjustable Cable



Wall Mount



Yoke Mount

## Warranty

5 Year limited warranty

## Listing

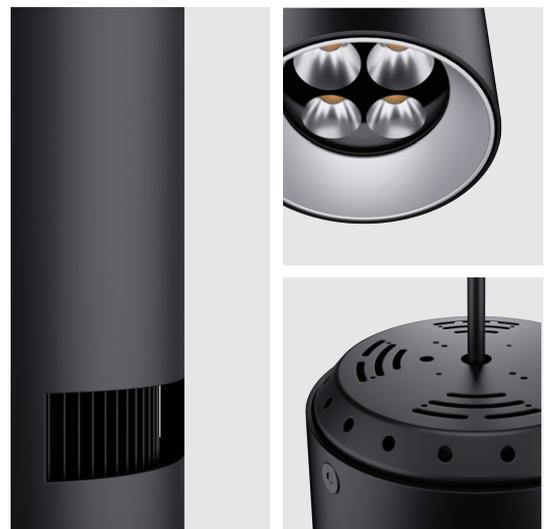
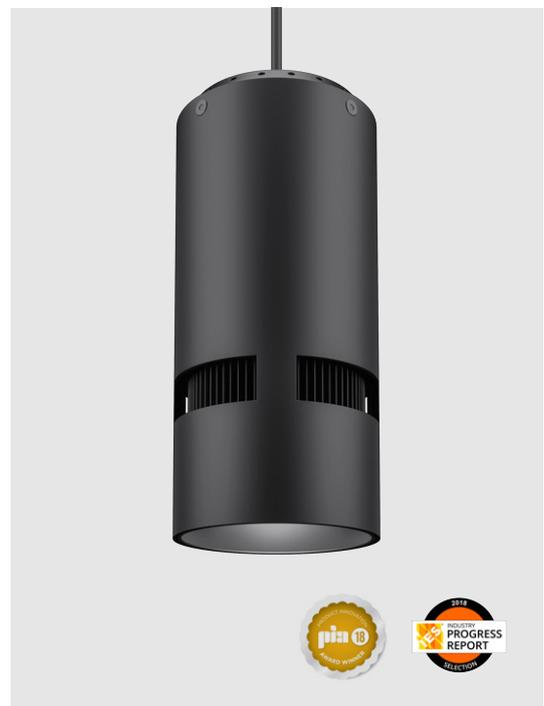


SPECIFICATION SHEET  
ARCHI-COLOR™ W+RGB & W+Hue

## 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="AS1110"/> | MODEL       | <b>ATRIA II 10</b>  |   |  |
| <input type="text"/>                | WATTAGE     | <b>100</b> 100W   | <b>200</b> 200W   | <b>200A</b> 100W/100W<br>(White=100W, RGB=100W)            |
| <input type="text"/>                | CCT / CRI   | <b>308C</b> <sup>1</sup> 3000K + RGB / CRI 85<br>Archi-Color™ W+RGB                           | <b>308U</b> <sup>2</sup> 3000K + RGB / CRI 85<br>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%<br>(XLR Sockets)  | <b>DMXR</b> DMX dims to 0.1%<br>(RJ45 Sockets)                      | <b>DMXP</b> DMX dims to 0.1%<br>(Terminal Block)           |
| <input type="text"/>                | BEAM ANGLE  | <b>45</b> 45°   | <b>55</b> 55°   | <b>WD</b> <sup>3</sup> Wide                                |
| <input type="text"/>                | FINISH      | <b>BLK</b> SilentBlack™, Matte Finish   | <b>WHT</b> SilentWhite™, Matte Finish                               |  |
| <input type="text"/>                | MOUNTING    | <b>ST2</b> Stem 2ft<br><b>SAD10</b> Sloped Adjustable<br>Cable 10ft                           | <b>ST4</b> Stem 4ft<br><b>WLM</b> <sup>4</sup> Wall Mount           | <b>AD10</b> Adjustable Cable 10ft<br><b>YKM</b> Yoke Mount |
| <input type="text"/>                | ACCESSORIES | <b>SPD</b> <sup>5</sup> Surge Protector<br><b>FCS</b> <sup>8</sup> Field Cut Stem Adapter Kit | <b>HC</b> <sup>6</sup> Honeycomb Louver                             | <b>CT</b> <sup>7</sup> Conduit Mount                       |

CLEAR FORM

<sup>1</sup> 308C is not compatible with 200  
<sup>2</sup> 308U is not compatible with 200A, 200B  
<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 YKM, WLM  
<sup>8</sup> FCS is not compatible with AD10, SAD, YKM, WLM

## TECHNICAL DETAILS

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### Electrical

- Archi-Color™ W+RGB :
  - 6,145 lm (100W | White = 50W, RGB = 50W)
  - 13,255 lm (200W TypeA | White = 100W, RGB = 100W)
  - 14,145 lm (200W TypeB | White = 150W, RGB = 50W)
- Archi-Color™ W+Hue :
  - 7,210 lm (100W | White = 66W, HSV = 34W)
  - 16,050 lm (200W | White = 132W, HSV = 66W)
- 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

- Precision molded high transmittance clear PC lens
- 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 : Ø9.4"
- Height : 20.5"
- Material : High Pressure Die-Cast Aluminum, Metal Reflector
- Weight : 30 lbs

### Mounting

- Stem 2ft or 4ft; 45° Swivel Canopy Included
- Adjustable Cable 10ft
- Sloped Adjustable Cable 10ft
- Wall Mount
- Yoke 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 | 1,700lm | 210lm | 4,015lm  |
| <b>200W Type A</b>        | 615lm | 4,075lm | 485lm | 8,080lm  |
| <b>200W Type B</b>        | 220lm | 1,700lm | 210lm | 12,015lm |

\*Beam Angle: 45° \*Tolerance ±8%

| Wattage (W+RGB)        |     |     |     |      |
|------------------------|-----|-----|-----|------|
| Channel                | R   | G   | B   | W    |
| <b>Fixture Wattage</b> |     |     |     |      |
| <b>100W</b>            | 17W | 17W | 17W | 50W  |
| <b>200W Type A</b>     | 33W | 33W | 33W | 100W |
| <b>200W Type B</b>     | 17W | 17W | 17W | 150W |

| Lumen Performance (W+Hue) |       |         |       |         |
|---------------------------|-------|---------|-------|---------|
|                           | R     | G       | B     | W       |
| <b>100W</b>               | 310lm | 2,880lm | 350lm | 4,330lm |
| <b>200W</b>               | 930lm | 7,330lm | 870lm | 8,720lm |

\*Beam Angle: 45° \*Tolerance ±8%

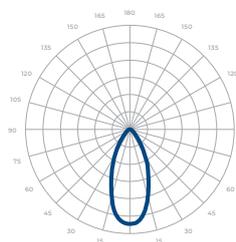
| Wattage (W+Hue)        |          |
|------------------------|----------|
| Channel                | HSV*     |
| <b>Fixture Wattage</b> | W        |
| <b>100W</b>            | 33W 66W  |
| <b>200W</b>            | 66W 132W |

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

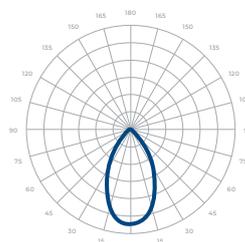
| Current Consumption    |      |       |
|------------------------|------|-------|
| Voltage                | 120V | 277V  |
| <b>Fixture Wattage</b> |      |       |
| <b>100W</b>            | 0.9A | 0.45A |
| <b>200W</b>            | 1.8A | 0.9A  |

**PHOTOMETRICS**

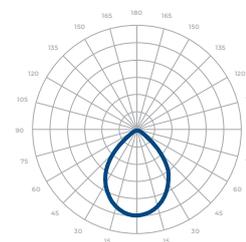
Below is a typical photometric representation of the Atria II 10 fixture. Please download IES files to ensure exact photometric value.



45°



55°



Wide

## DMX REQUIREMENTS

The Atria II 10 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<br>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                      |

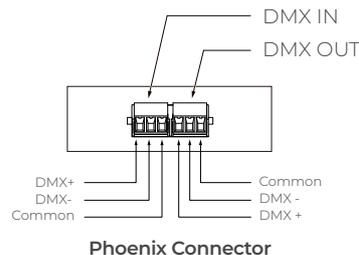
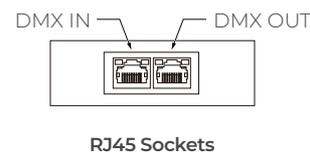
| DMX Address (W+Hue) |         |                |                       |                    |
|---------------------|---------|----------------|-----------------------|--------------------|
| Channel<br>Fixture  | Hue (H) | Saturation (S) | Value / Intensity (V) | White Control (W)* |
| #1                  | 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 (PIN 7) & 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.

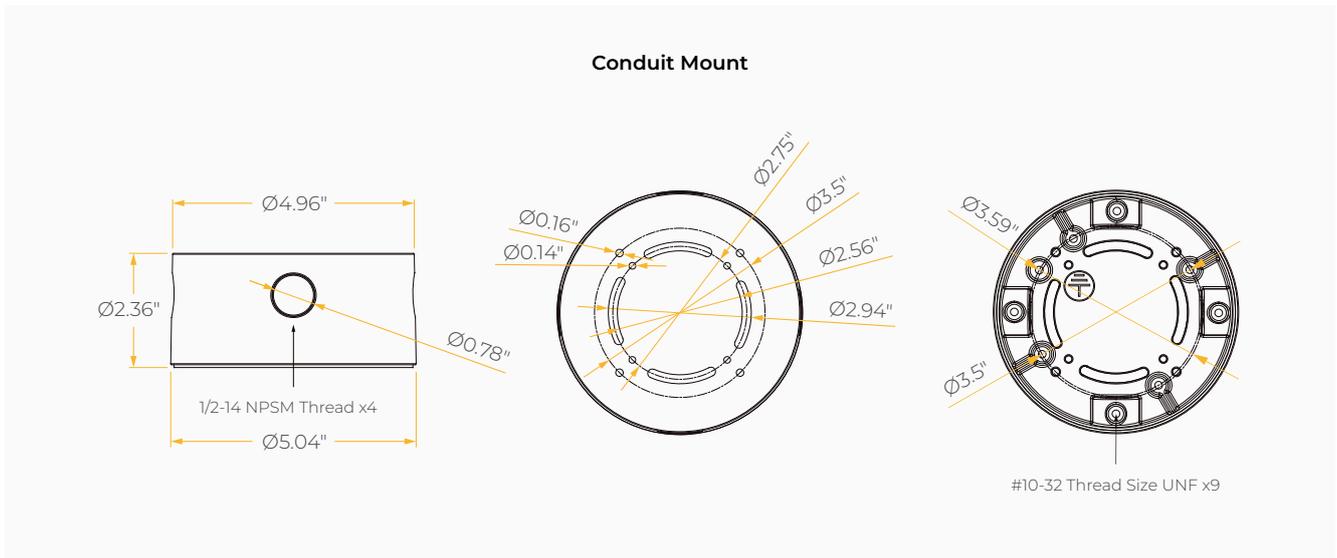
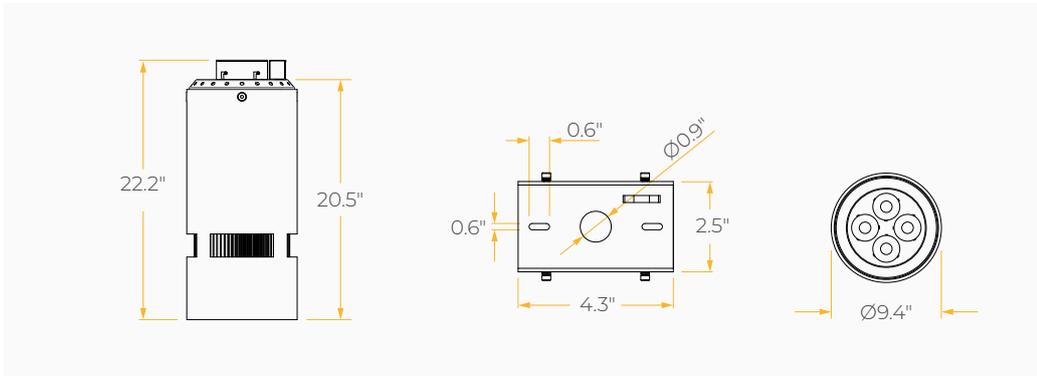
### COLOR TEMPERATURE CHART

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.

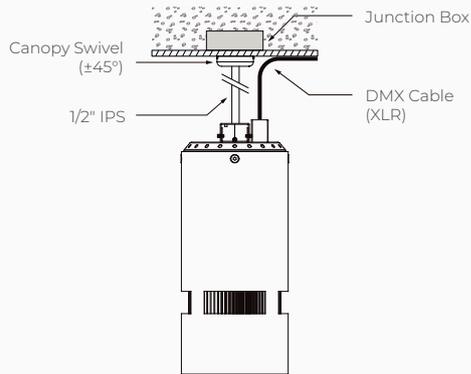
**DIMENSIONS**



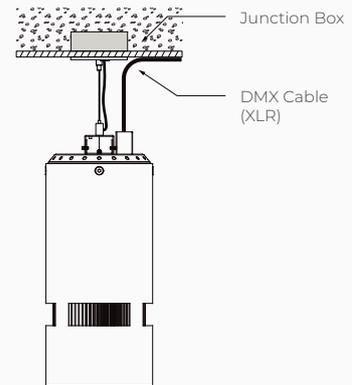
**MOUNTING OPTIONS\***

\*Junction box not included

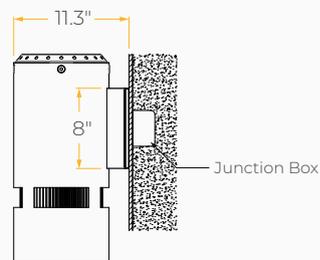
**Stem Mount**



**Sloped Adjustable Cable / Adjustable Cable**



**Wall Mount**



**Yoke Mount**

