

ATRIA 10

POWERFUL COLOR CHANGING CYLINDER

SPECIFICATION SHEET
TUNABLE WHITE

Housing

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

Material

Housing : High Pressure Die-Cast Aluminum

Optics : Metal Reflector

Power Input

80W, 110W, 140W, 180W, 220W | 120-277V

Lumen Output

7,000 lm (80W), 9,530 lm (110W), 12,020 lm (140W),
15,155 lm (180W), 18,160 lm (220W)

Dimming

Superior 0-10V : Dims to 1 % (2 channel)

1 channel control dimming, 1 channel control CCT

DMX : High resolution dims to 0.1% (2 channel)

(Supports ANSI E1.20 RDM protocol)

Color Quality

CRI 85+

Rated Life

> 100,000 Hours (L70)

Finish



Black



White

Color Temperature



ColorFlip™ Tunable White
2700K ↔ 6500K

Optics



45°



55°



Wide

Mounting



Stem
Mount



Adjustable
Cable



Wall
Mount



Yoke
Mount

Warranty

5 Year limited warranty

Listing



Masterfully engineered and
aesthetically refined.

The Atria 10 cylinder is compatible with our ColorFlip™ Tunable White technology from 2700K - 6500K CCT. Available in simple 0-10V controls, or DMX, it is the perfect contemporary solution for multifunctional spaces, convention centers, and high ceiling churches.



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.

| | | | | |
|----------------------|--------------------|---|--|--|
| AS10 | MODEL | ATRIA 10 | | |
| <input type="text"/> | WATTAGE | 80 80W 180 180W | 110 110W 220 220W | 140 140W |
| TNW | CCT / CRI | TNW 2700K – 6500K | | |
| UNV | VOLTAGE | UNV 120 – 277V | | |
| <input type="text"/> | DIMMING | SPV Superior 0-10V dims to 1% | DMX DMX dims to 0.1% (XLR Sockets) | DMXR DMX dims to 0.1% (RJ45 Sockets) |
| <input type="text"/> | BEAM ANGLE | 45 45° | 55 55° | WD¹ Wide |
| <input type="text"/> | FINISH | BLK Black | WHT White | |
| <input type="text"/> | MOUNTING | ST2 Stem 2ft SAD10 Sloped Adjustable Cable 10ft | ST4 Stem 4ft WLM² Wall Mount | AD10 Adjustable Cable 10ft YKM Yoke Mount |
| <input type="text"/> | ACCESSORIES | SPD³ Surge Protector FCS⁶ Field Cut Stem Adapter Kit | HC⁴ Honeycomb Louver | CT⁵ Conduit Mount |

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

² Wall Mount DMX wiring is through 3 DMX Positive / Negative / Common 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 of -30%

⁵ Option is not compatible with YKM, WLM

⁶ Option is not compatible with outdoor or natatorium configurations

TECHNICAL DETAILS

Electrical

- 7,000 lm (80W)
- 9,530 lm (110W)
- 12,020 lm (140W)
- 15,155 lm (180W)
- 18,160 lm (220W)
- Power Input : Universal (120-277V)
- Operating Temperature : -13°F~112°F
- Surge Protection : Built-in is 4kV
- Remote Emergency Pack : Philips Bodine BSL20B2UEK55C11
- Power Factor Greater than 0.9

LED Features

- ColorFlip™ Tunable White 2700K ↔ 6500K
- 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
- Superior 0-10V : Dims to 1% (2 channel)
1 channel control dimming. 1 channel control CCT.
- DMX : High resolution dims to 0.1% (2 channel)
(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*

| ColorFlip™ | 2700K | 3000K | 3500K | 4000K | 4500K | 5000K | 5700K | 6500K |
|-----------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| DMX CCT Signal (%) | 0% | 10% | 25% | 45% | 60% | 70% | 85% | 100% |
| 0-10V CCT Voltage | 0 | 1 | 2.5 | 4.5 | 6 | 7 | 8.5 | 10 |
| 80W | 6,190lm | 6,540lm | 6,895lm | 7,240lm | 7,185lm | 7,120lm | 7,055lm | 7,000lm |
| 110W | 8,430lm | 8,905lm | 9,389lm | 9,865lm | 9,785lm | 9,700lm | 9,610lm | 9,530lm |
| 140W | 10,625lm | 11,225lm | 11,840lm | 12,435lm | 12,340lm | 12,225lm | 12,115lm | 12,020lm |
| 180W | 13,400lm | 14,155lm | 14,925lm | 15,680lm | 15,560lm | 15,415lm | 15,275lm | 15,155lm |
| 220W | 16,055lm | 16,960lm | 17,885lm | 18,790lm | 18,640lm | 18,475lm | 18,305lm | 18,160lm |
| CRI | 85 | 86 | 87 | 88 | 88 | 87 | 86 | 85 |

*Lumen Multiplier 45° baseline 0.95

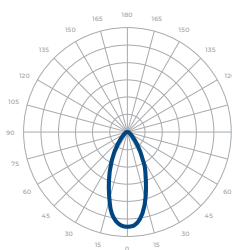
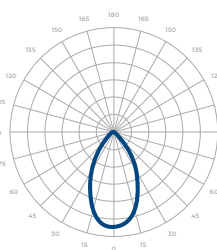
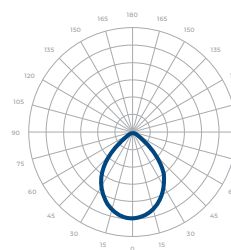
PERFORMANCE SUMMARY*

| Current Consumption | | |
|---------------------|-------|-------|
| WATTAGE / VOLT | 120V | 277V |
| 80W | 0.73A | 0.32A |
| 110W | 1.01A | 0.44A |
| 140W | 1.28A | 0.56A |
| 180W | 1.65A | 0.71A |
| 220W | 2.02A | 0.87A |

| Emergency Pack Lumen Output Table | |
|-----------------------------------|---------|
| CCT | 6500K |
| LUMEN | 1,750lm |

PHOTOMETRICS

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

**45°****55°****Wide**

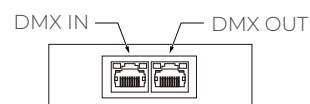
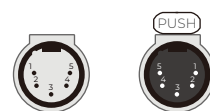
DMX REQUIREMENTS

The Atria 10 Tunable White fixture with DMX unit has **two channels** per fixture (1 to control intensity, 1 to control color). 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 | | |
|-------------|---------------------------|-------------------------|
| Fixture | Intensity Control (ex. X) | Color Control (ex. X+1) |
| #1 | 1 | 2 |
| #2 | 3 | 4 |
| #3 | 5 | 6 |

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 |

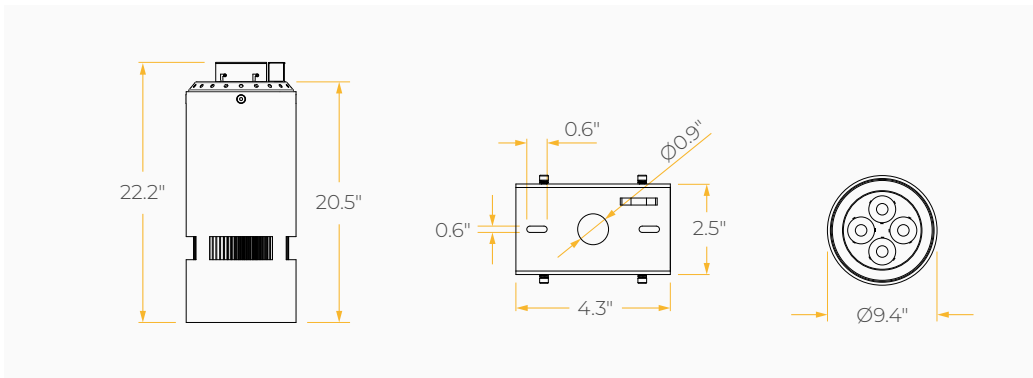
**RJ45 Sockets****XLR Sockets****XLR Sockets**

COMPATIBLE DMX CABLING LIST

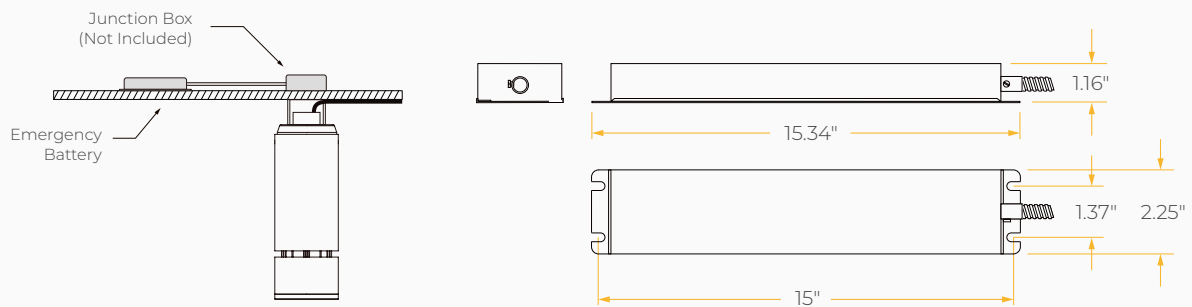
DMX uses a cable consisting of two twisted pairs plus a shield to carry data. The cable must be specifically impedance matched for the digital DMX signal, meaning that microphone cable or other non-rated cable **must not be used to carry DMX**. Network cable (Cat5, 5e or 6 cable) may be used to carry 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 shielded twisted pair cable, which allows for a spare pair for 'out and back' type terminations if needed.

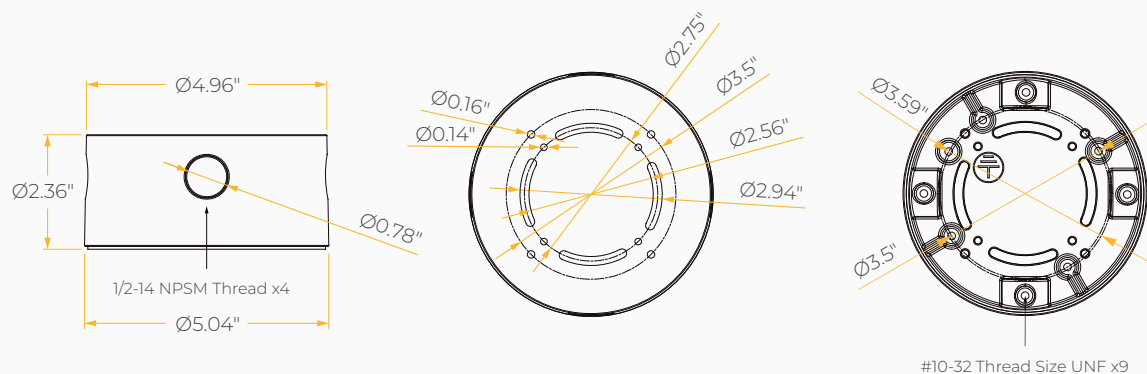
DIMENSIONS



Remote Emergency Pack



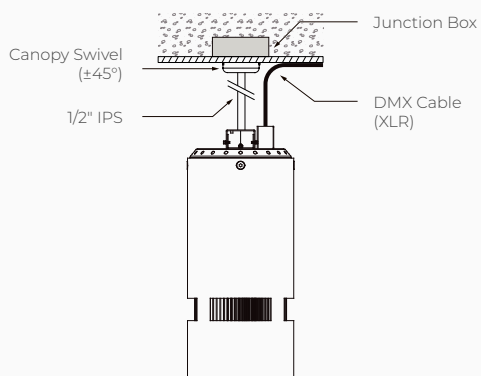
Conduit Mount



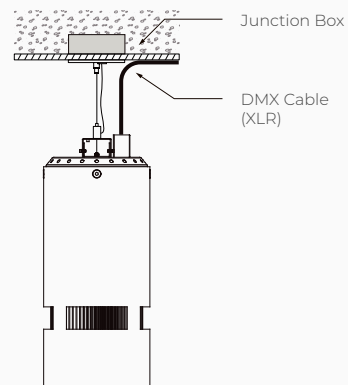
MOUNTING OPTIONS*

*Junction box not included

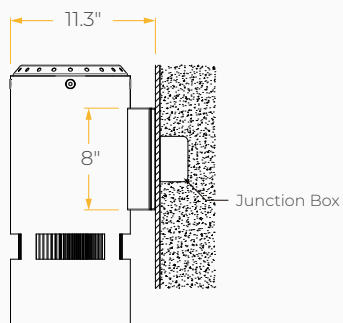
Stem Mount



**Sloped Adjustable Cable /
Adjustable Cable**



Wall Mount



Yoke Mount

