

ATRIA 6

POWERFUL COLOR CHANGING CYLINDER

SPECIFICATION SHEET
TUNABLE WHITE

Housing

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

Material

Housing: High Pressure Die-Cast Aluminum

Optics: Aluminum Reflector

Power Input

40W, 60W, 80W, 100W | 120-277V

Lumen Output

3,500 lm (40W), 5,040 lm (60W), 7,215 lm (80W), 10,500 lm (100W)

Dimming

Superior 0-10V: Dims to 1%

DMX: High resolution dims to 0.1%

Color Quality

CRI 85+

Rated Life

> 60,000 Hours (L70)

Finish



Black



White

Color Temperature



ColorFlip™ Tunable White
2700K ↔ 6500K

Optics



40°



60°



Wide

Mounting



Surface Mount



Stem Mount



Adjustable Cable



Yoke Mount



Wall 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.



METEOR

meteor-lighting.com

SPECIFICATION

PROJECT NAME

DATE

CATALOG #

QUANTITY

| | | | | |
|------------|-------------|---|--|---|
| AS6 | MODEL | ATRIA 6 | | |
| | WATTAGE | 40 40W 100 100W | 60 60W | 80 80W |
| TNW | CCT / CRI | TNW 2700K-6500K | | |
| UNV | VOLTAGE | UNV 120-277V | | |
| | DIMMING | SPV Superior 0-10V dims to 1% | DMX¹ DMX dims to 0.1% (XLR Sockets) | DMX(RJ45)¹ DMX dims to 0.1% (RJ45 Sockets) |
| | BEAM ANGLE | 40 40° | 60 60° | WD² Wide |
| | FINISH | BLK Black | WHT White | |
| | RIM FINISH | STD Standard Trim | GLR Glow Ring | |
| | MOUNTING | SUM Surface Mount AD10 Adjustable Cable 10ft WLM³ Wall Mount | ST2 Stem 2ft SAD10 Sloped Adjustable Cable 10ft | ST4 Stem 4ft YKM Yoke Mount |
| | ACCESSORIES | NO No Accessories DF⁵ Diffuser FCS Field Cut Stem Adapter Kit | SPD⁴ Surge Protector CB⁶ Cross Baffle | EMP Remote Emergency Pack CT⁷ Conduit Mount |

¹ Wall Mount DMX does not include XLR / RJ45 sockets

² Please factor in change in lumen output with WD -20%

³ Wall Mount DMX wiring is through 3 DMX wires (Positive / Negative / Common)

⁴ Surge protector for up to 10KV. Applicable for unstable mains or facilities using high power machineries

⁵ Please factor in change in lumen output with DF (-20% with WD; -12% with other degrees)

⁶ Please factor in change in lumen output with CB -30%

⁷ CT only compatible with ST and AD mounting types

TECHNICAL DETAILS**Electrical**

- 3,500 lm (40W), 5,040 lm (60W)
- 7,215 lm (80W), 10,500 lm (100W)
- Power Input: Universal (120-277V)
- Operating Temperature: -13°F~112°F
- Surge Protection: Built-in is 4KV
- Emergency Pack with Mounting Plate: Bodine BSL20B2UEK55CIII
- 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

- Aluminum Reflector
- Beam Angle: 40°, 60°, WD

Advanced Dimming

- Proprietary VX Driver™ is incorporated to all dimming options for video flicker-free lighting
- Superior 0-10V: Dim 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: 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
- Sloped Adjustable Cable 10ft
- Yoke Mount
- Wall Mount

Warranty

- 5-year limited warranty

Listing

- ETL Damp Location Listed
- CE
- FCC
- UKCA

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 |
| 40W | 2,990lm | 3,160lm | 3,335lm | 3,500lm | 3,470lm | 3,440lm | 3,410lm | 3,385lm |
| 60W | 4,310lm | 4,550lm | 4,800lm | 5,040lm | 5,000lm | 4,955lm | 4,910lm | 4,870lm |
| 80W | 6,165lm | 6,510lm | 6,870lm | 7,215lm | 7,160lm | 7,095lm | 7,095lm | 6,970lm |
| 100W | 9,490lm | 9,140lm | 9,615lm | 10,500lm | 10,425lm | 10,185lm | 9,865lm | 9,650lm |
| CRI | 85 | 86 | 87 | 88 | 88 | 87 | 86 | 85 |

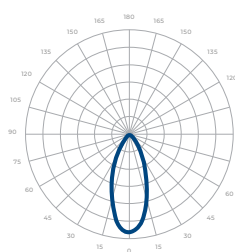
*Lumen Multiplier 40° 60° baseline 0.92

PERFORMANCE SUMMARY*

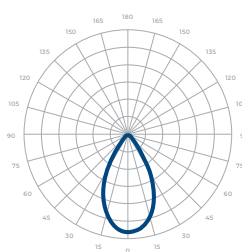
| Current Consumption | | | Emergency Pack Lumen Output Table | |
|---------------------|-------|-------|-----------------------------------|---------|
| WATTAGE / VOLT | 120V | 277V | CCT | 6500K |
| 40W | 0.37A | 0.16A | LUMEN | 2,000lm |
| 60W | 0.55A | 0.24A | | |
| 80W | 0.73A | 0.32A | | |
| 100W | 0.92A | 0.4A | | |

PHOTOMETRICS

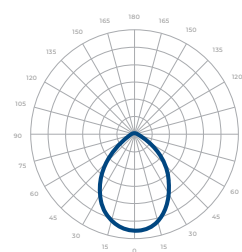
Below is a typical photometric representation of the Atria 6 fixture. Please download IES files to ensure exact photometric value.



40°



60°



Wide

DMX REQUIREMENTS

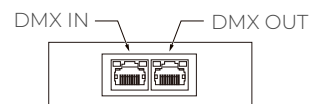
The Atria 6 Tunable White fixture with DMX unit has **two channels** per fixture (1 to control intensity, 1 to control color). When placing an order, please indicate DMX address. (The DMX address will be listed on the back of the fixture). Do not connect more than 32 fixtures per DMX daisy chain.

| DMX Address | | |
|-------------|---------------------------|-------------------------|
| Fixture | Intensity Control (ex. X) | Color Control (ex. X+1) |
| #1 | 1 | 2 |
| #2 | 3 | 4 |
| #3 | 5 | 6 |

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



DMX IN DMX OUT

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 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



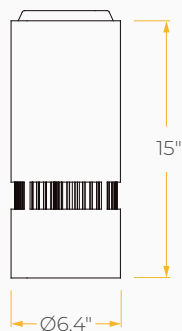
Standard Trim



Glow Ring

DIMENSIONS

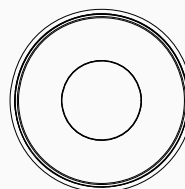
40W / 60W / 80W



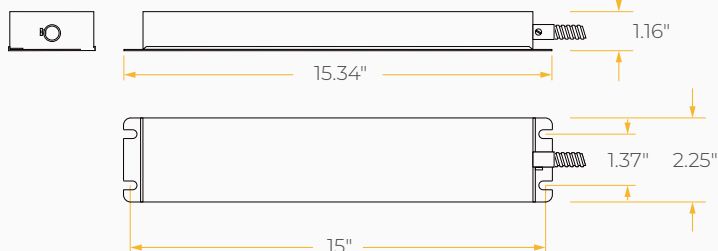
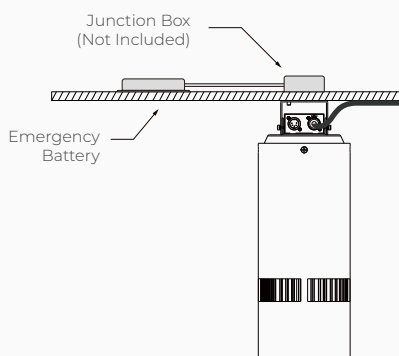
100W



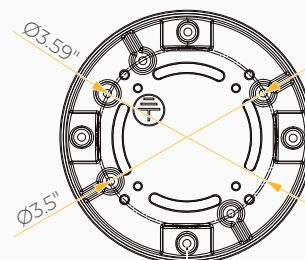
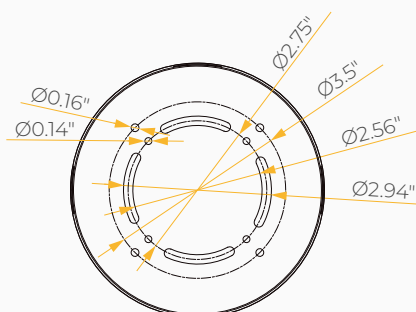
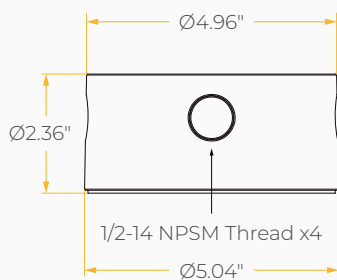
Appearance
(Bottom View)



Remote Emergency Pack



Conduit Mount

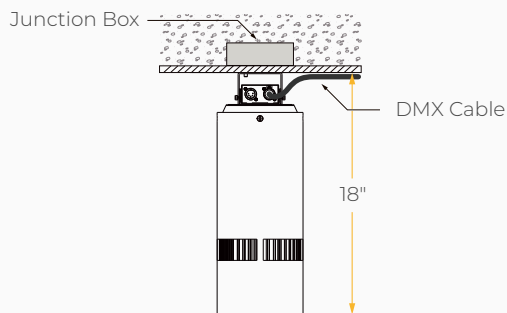


#10-32 Thread Size UNF x9

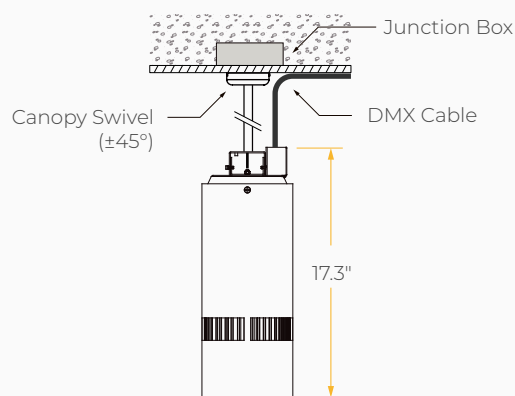
MOUNTING OPTIONS*

*Junction Box not included

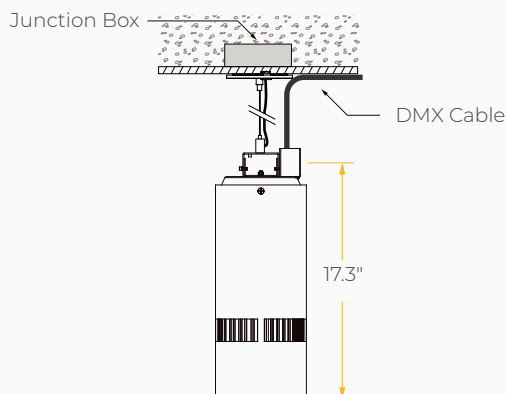
Surface Mount



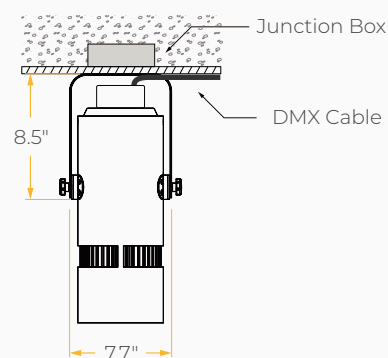
Stem Mount



Adjustable Cable



Yoke Mount



Wall Mount

