ATRIA 10
POWERFUL COLOR CHANGING CYLINDER

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
6,200 lm (80W), 8,500 lm (110W), 10,700 lm (140W),
13,500 lm (180W), 16,100 lm(220W)

Dimming
Superior 0-10V: dim to 1 %
DMX: High resolution dims to 0.1% (Supports ANSI E1.20 RDM protocol)

Color Quality
CRI 85+

Rated Life
> 60,000 Hours (L70)

Finish
Black   White

Color Temperature
ColorFlip™ Warm Dim
1900K °ₓ 3000K

Optics
45°   55°   Wide

Mounting
Stem Mount   Adjustable Cable   Wall Mount   Yoke Mount

Warranty
5 Year limited warranty

Listing
cETLus Intertek   CE   UKCA   FC

Masterfully engineered and aesthetically refined.

The Atria 10 cylinder is compatible with our ColorFlip™ Warm Dim technology from 1900K - 3000K CCT. Available in simple 0-10V controls, or DMX, it is the perfect contemporary solution for Retail venues, Hospitality, and convention centers.

METEOR

SPECIFICATION

PROJECT NAME

DATE

CATALOG #

QUANTITY

AS10	MODEL	**ATRIA 10**		
	WATTAGE	**80** 80W **180** 180W	**110** 110W **220** 220W	**140** 140W
WDIM	CCT / CRI	**WDIM** 1900K-3000K		
UNV	VOLTAGE	**UNV** 120 – 277V		
	DIMMING	**SPV** Superior 0-10V dims to 1%	**DMX** DMX dims to 0.1% (XLR Sockets)	**DMX(RJ45)** DMX dims to 0.1% (RJ45 Sockets)
	BEAM ANGLE	**45** 45°	**55** 55°	**WD¹** Wide
	FINISH	**BLK** Black	**WHT** White	
	MOUNTING	**ST2** Stem 2ft **SAD10** Sloped Adjustable Cable 10ft	**ST4** Stem 4ft **WLM²** Wall Mount	**AD10** Adjustable Cable 10ft **YKM** Yoke Mount
	ACCESSORIES	**NO** No Accessories **CT⁵** Conduit Mount	**SPD³** Surge Protector **FCS⁶** Field Cut Stem Adapter Kit	**HC⁴** Honeycomb Louver

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

[2] *Wall Mount DMX wiring is through 3 DMX wires (Positive / Negative / Common)*

[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] *CT only compatible with ST and AD mounting types*

[6] *Option is not compatible with outdoor or natatorium configurations*

meteor-lighting.com   1860 S Carlos Ave, Ontario, California 91761 **E:** tech@meteor-lighting.com **T:** 213-255-2060

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TECHNICAL DETAILS

Electrical

- 6,200 lm (80W)
- 8,500 lm (110W)
- 10,700 lm (140W)
- 13,500 lm (180W)
- 16,100 lm (220W)
- 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

- ColorFlip™ Warm Dim 1900K °¿ 3000K
- CRI 85+
- Long lasting LED luminaire tested under TM21 lumen maintenance L70 @ 60,000 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 %
- 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 Wet Location Listed
- CE
- UKCA
- FCC

PERFORMANCE SUMMARY*

Warm Dim	1900K	←			→	3000K
DMX CCT Signal (%)	7%	20%	40%	60%	80%	100%
0-10V CCT Voltage	0.7	2	4	6	8	10
80W	125lm	560lm	1,675lm	3,160lm	4,775lm	6,200lm
110W	170lm	765lm	2,295lm	4,335lm	6,545lm	8,500lm
140W	215lm	960lm	2,890lm	5,460lm	8,240lm	10,700lm
180W	270lm	1,215lm	3,645lm	6,885lm	10,395lm	13,500lm
220W	320lm	1,450lm	4,350lm	8,210lm	12,400lm	16,100lm

Tolerance±8%

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

PHOTOMETRICS

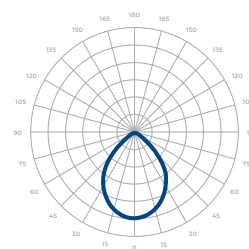Below is a typical photometric representation of the Atria 10 fixture. Please download IES files to ensure exact photometric value.
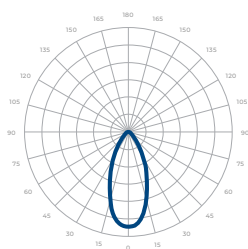

45°
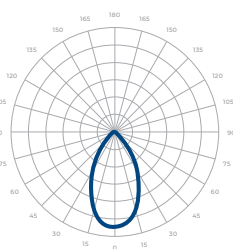
55°

Wide

DMX REQUIREMENTS

The Atria 10 fixture with DMX is a **single channel dmx** unit that dims both intensity and color temperature between 1900K <-> 3000K. 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.

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

DMX IN — DMX OUT

RJ45 Sockets

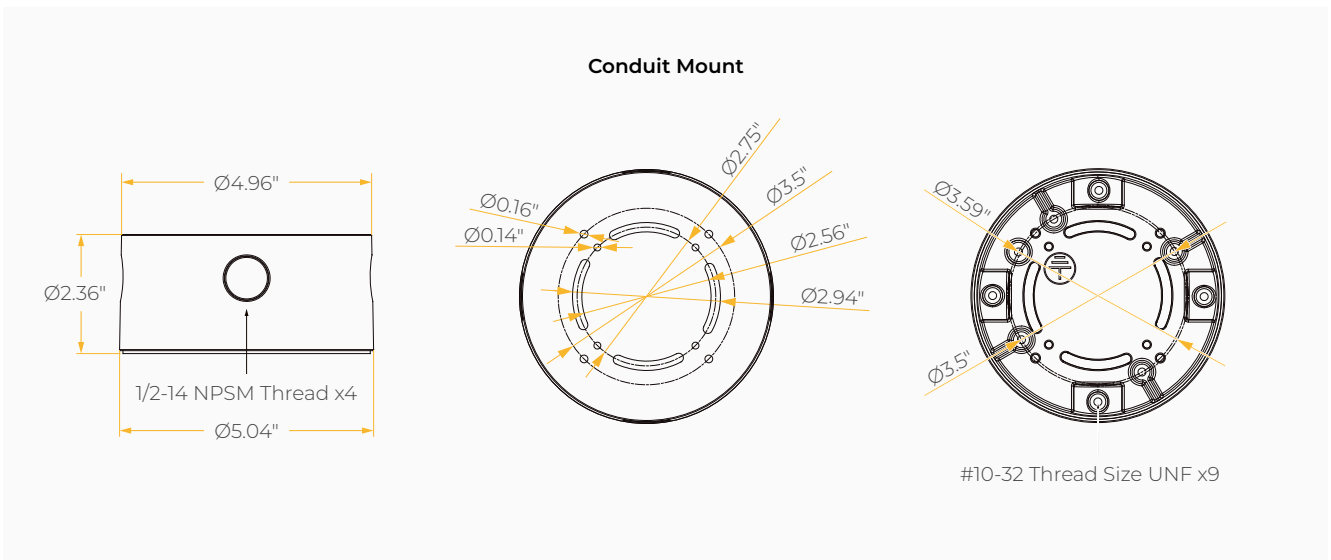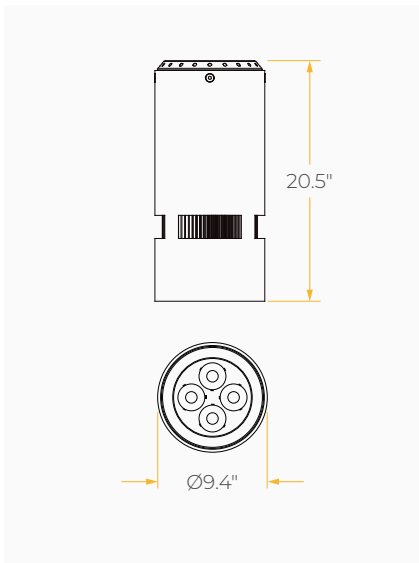DMX IN   DMX OUT

XLR Sockets
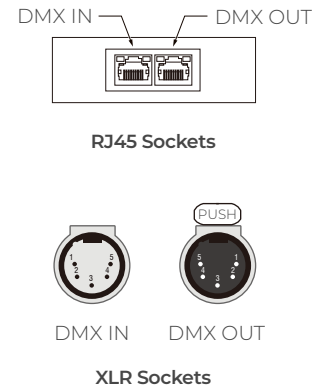
COMPATIBLE DMX CABLING LIST

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 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.

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DIMENSIONS

20.5"

Ø9.4"

Ø4.96"

Ø2.36"

Ø5.04"

1/2-14 NPSM Thread x4

Conduit Mount

Ø0.16"

Ø0.14"

Ø2.75"

Ø3.5"

Ø2.56"

Ø2.94"

Ø3.59"

Ø3.5"

#10-32 Thread Size UNF x9

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MOUNTING OPTIONS*

Junction box not included

Stem Mount

Junction Box

Canopy Swivel (±45°)

DMX Cable (XLR)

Sloped Adjustable Cable / Adjustable Cable

Junction Box

DMX Cable (XLR)

Wall Mount

11.3"

8"

Junction Box

Yoke Mount

Junction Box

DMX Cable

18"

22.18"