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
100W | 120V-277V
200W / TypeA (White=100W, RGB=100W) | 120V-277V
200W / TypeB (White=150W, RGB=50W) | 120V-277V

Lumen Output
6,145 lm (100W)
13,255 lm (200W / TypeA)
14,145 lm (200W / TypeB)

Dimming
DMX : High resolution dims to 0.1% (Supports ANSI E1.20 RDM protocol)

Color Quality	Rated Life
CRI 85	> 60,000 Hours (L70)

Finish
Black   White

Color Temperature
3000K   +   ColorFlip™ W+RGB

Optics
45°   55°   Wide

Mounting
Stem Mount   Adjustable Cable

Warranty
5 Year limited warranty

Listing
ETL Intertek CE UKCA FC

Masterfully engineered and aesthetically refined.

The Atria 10 cylinder is compatible with our ColorFlip™ W+RGB technology that offers 50% true independent white light and 50% RGB. This unique color mixing solution is perfect for multifunctional spaces, convention centers, and high ceiling churches.

METEOR

SPECIFICATION

PROJECT NAME

DATE

CATALOG #

QUANTITY

AS10	MODEL	**ATRIA 10 W+RGB**			
	WATTAGE	**100** 100W	**200A** 100W/100W (White=100W, RGB=100W)	**200B** 150W/50W (White=150W, RGB=50W)	
308C	CCT / CRI	**308C** 3000K / CRI 85+RGB			
UNV	VOLTAGE	**UNV** 120 – 277V			
	DIMMING	**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	**AD10** Adjustable Cable 10ft	
	ACCESSORIES	**NO** No Accessories **CT⁴** Conduit Mount	**SPD²** Surge Protector	**HC³** Honeycomb Louver	

¹ *Please factor in change in lumen output with diffuser(-20% with WD; -12% with other degrees)*
² *Surge protector for up to 10KV. Applicable for unstable mains or facilities using high power machineries*
³ *Please factor in change in lumen output of 30%*
⁴ *CT only compatible with ST and AD mounting types*

TECHNICAL DETAILS

Electrical

- 6,145 lm (100W)
- 13,255 lm (200W / TypeA)
- 14,145 lm (200W / TypeB)
- 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

- 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

Warranty

- 5-year limited warranty

Listing

- ETL Wet Location Listed
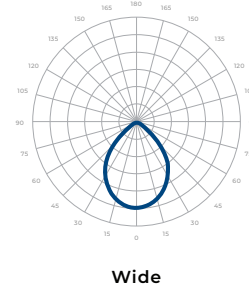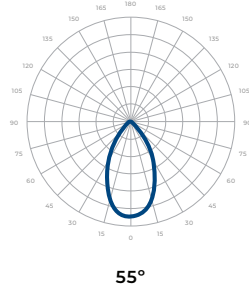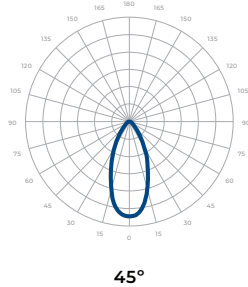- CE
- UKCA
- FCC

PERFORMANCE SUMMARY*

Delivered Lumens				
CCT/WATTAGE	R	G	B	W
100W	17W	17W	17W	50W
	220lm	1,700lm	210lm	4,015lm
200W / TypeA	33W	33W	33W	100W
	615lm	4,075lm	485lm	8,080lm
200W / TypeB	17W	17W	17W	150W
	220lm	1,700lm	210lm	12,015lm

Current Consumption		
WATTAGE / VOLT	120V	277V
100W	0.9A	0.45A
200W	1.8A	0.9A

*Beam Angle: 45° * Tolerance ±8%*

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Page 3

PHOTOMETRICS

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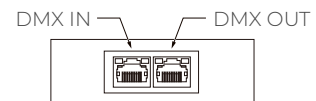

45°

55°

Wide

DMX REQUIREMENTS

The Atria 10 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.

	DMX Address			
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

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

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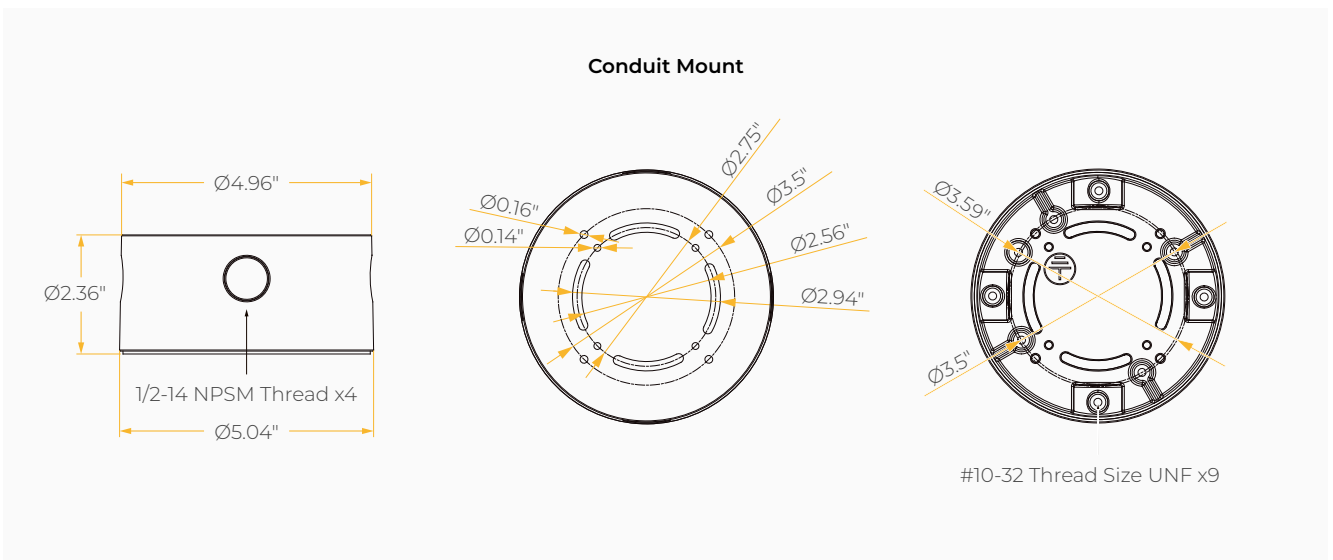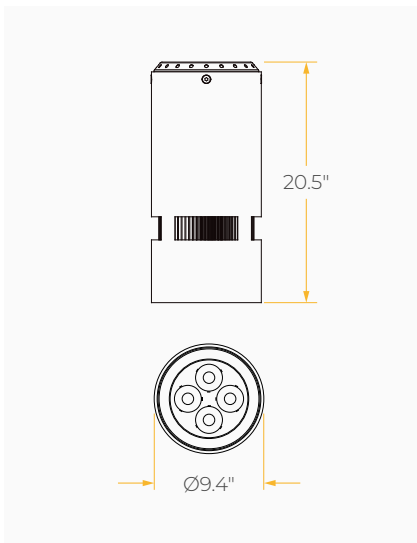
Page 4

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

20.5"

Ø9.4"

Conduit Mount

Ø4.96"

Ø2.36"

1/2-14 NPSM Thread x4

Ø5.04"

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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Page 5

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)

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Page 6