ATRIA 8

HIGH-PERFORMANCE VERSATILE CYLINDER

Housing
Diameter : Ø8.1" | Height : 21.5" | Weight : 20 lbs

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

Power Input
80W, 100W, 130W, 160W | 120-277V

Lumen Output
5,940 lm (80W), 7,430 lm (100W), 9,660 lm (130W), 11,890 lm (160W)

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

Color Quality	Rated Life
CRI 85	> 100,000 Hours (L70)

Finish

Black   White

Color Temperature

TNW — ColorFlip™ Tunable White
2700K ↔ 6500K

Optics

30°   45°   55°   Wide

Mounting

Stem Mount   Adjustable Cable   Yoke Mount   Wall Mount   Surface Mount

Warranty
5 Year limited warranty

Listing

cETLus Intertek   CE   UKCA   FC

Powerful color changing performance in a new smaller form factor.

The Atria 8 cylinder is a new high-performing cylinder addition to the series, that features Colorflip™ Tunable White, offering dynamic white control from 2700K <-> 6500K.

It boasts a delivered lumen package of 5,940 lm to 11,890 lm, and is available in both 0-10V, and DMX dimming controls. The Atria 8 is perfectly suited to auditoriums, convention centers, houses of worship and theatrical applications.

METEOR

ATRIA 8
HIGH-PERFORMANCE
VERSATILE CYLINDER

METEOR

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.

AS8	MODEL	**ATRIA 8**		
	WATTAGE	**80** 80W	**100** 100W	**130** 130W
		160 160W		
TNW	CCT / CRI	**TNW** 2700K-6500K		
UNV	VOLTAGE	**UNV** 120 – 277V		
	DIMMING	**SPV** Superior 0-10V dims to 1%, dim to black	**DMX** DMX dims to 0.1% (XLR Sockets)	**DMXR** DMX dims to 0.1% (RJ45 Sockets)
	BEAM ANGLE	**30** 30°	**45** 45°	**55** 55°
		WD[1] Wide		
	FINISH	**BLK** Black	**WHT** White	
	RIM FINISH	**STD** Standard	**GLR** Glow Ring	
	MOUNTING	**ST2** Stem 2ft	**ST4** Stem 4ft	**AD10** Adjustable Cable 10ft
		SAD10 Sloped Adjustable Cable 10ft	**YKM** Yoke Mount	**WLM**[2] Wall Mount
		SUM Surface Mount		
	ACCESSORIES	**SPD**[3] Surge Protector	**HC**[4] Honeycomb Louver	**CT**[5] Conduit Mount
		FCS Field Cut Stem Adapter Kit		

↻ CLEAR FORM

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

[2] *Wall Mount DMX does not include XLR / RJ45 sockets*

[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*

TECHNICAL DETAILS

Electrical

- 5,940 lm (80W), 7,430 lm (100W), 9,660 lm (130W), 11,890 lm (160W)
- Power Input: Universal (120-277V)
- Operating Temperature: -13°F~112°F
- Surge Protection: Built-in is 4KV
- Power Factor Greater than 0.9
- Emergency Pack with Mounting Plate: Bodine BSL20B2UEK55C1119

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: 30°, 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: Ø8.1"
- Height: 21.5"
- Material: High Pressure Aluminum, Metal Reflector
- Weight: 20 lbs

Mounting

- Stem 2ft or 4ft; 45° Swivel Canopy Included
- Adjustable Cable 10ft
- Sloped Adjustable Cable 10ft
- Surface Mount
- Yoke Mount
- Wall 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	5,300lm	5,500lm	5,720lm	5,940lm	5,880lm	5,820lm	5,760lm	5,700lm
100W	6,620lm	6,880lm	7,150lm	7,430lm	7,350lm	7,280lm	7,200lm	7,120lm
130W	8,610lm	8,950lm	9,300lm	9,660lm	9,560lm	9,460lm	9,360lm	9,260lm
160W	10,600lm	11,010lm	11,450lm	11,890lm	11,770lm	11,640lm	11,520lm	11,400lm
CRI	85	86	87	88	88	87	86	85

*Beam Angle 55° Tolerance±8%

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METEOR

PERFORMANCE SUMMARY

Current Consumption		
WATTAGE / VOLT	120V	277V
80W	0.73A	0.32A
100W	0.91A	0.39A
130W	1.2A	0.52A
160W	1.5A	0.64A

PHOTOMETRICS

Below is a typical photometric representation of the Atria 8 fixture. Please download IES files to ensure exact photometric value.
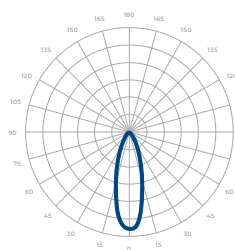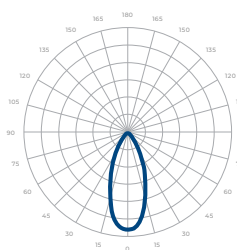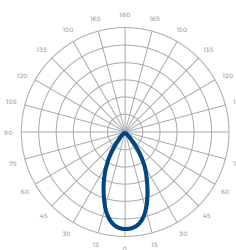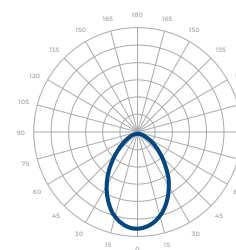
| 30°	45°	55°	Wide

DMX REQUIREMENTS

The Atria 8 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

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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
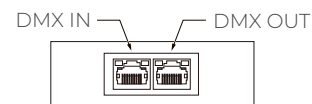
DMX IN ⎯⎯ ⎯⎯ DMX OUT

RJ45 Sockets

DMX IN   DMX OUT

XLR Sockets
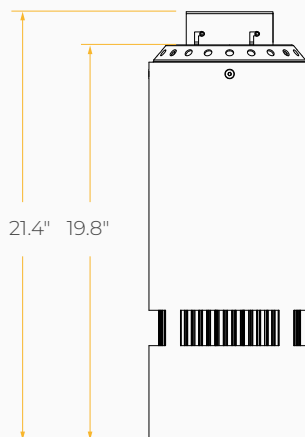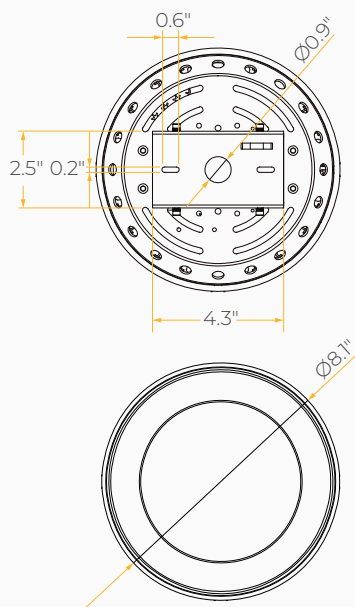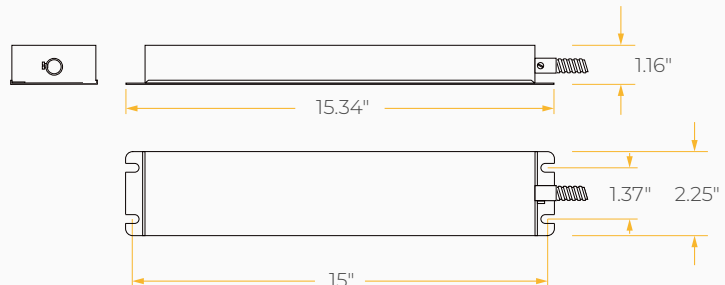
COMPATIBLE DMX CABLING LIST

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 for DMX installation. Belden 9729 is a two pair cable, which allows for a spare pair for 'out and back' type terminations if needed.
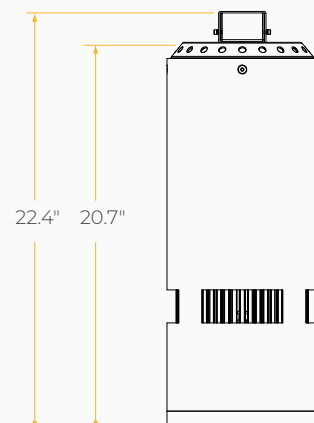
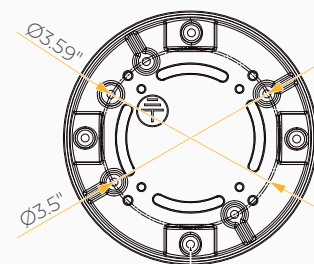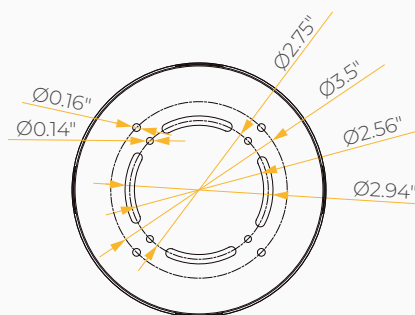**meteor-lighting.com**   1860 S Carlos Ave, Ontario, California 91761 **E:** tech@meteor-lighting.com **T:** 213-255-2060

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DIMENSIONS

Junction Box (Not Included)

Emergency Battery

Remote Emergency Pack

1.16"

15.34"

1.37"   2.25"

15"

0.6"

Ø0.9"

2.5" 0.2"

4.3"

Ø8.1"

21.4"   19.8"

Glow Ring

22.4"   20.7"

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"
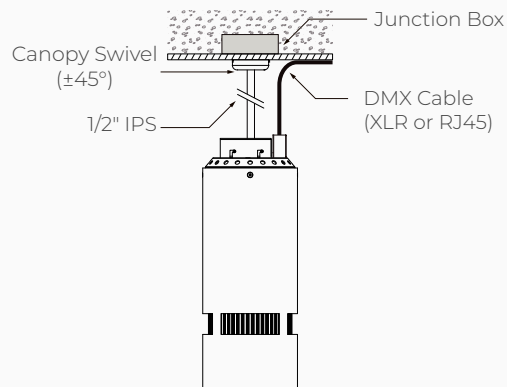
#10-32 Thread Size UNF x9

MOUNTING OPTIONS*

Junction box not included

Stem Mount

Junction Box

Canopy Swivel
(±45°)

1/2" IPS

DMX Cable
(XLR or RJ45)

Sloped Adjustable Cable /
Adjustable Cable

Junction Box

DMX Cable
(XLR or RJ45)

Wall Mount

2"

8"

Junction
Box

19.8"

8.8"

Yoke Mount

Junction Box

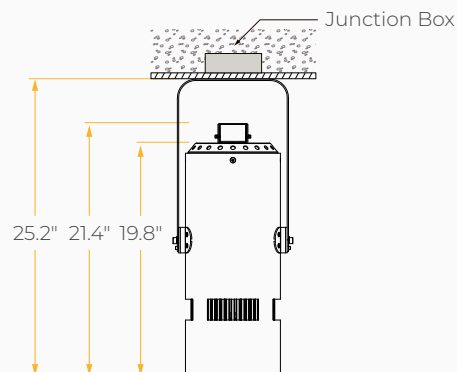25.2" 21.4" 19.8"

Surface Mount

Junction Box

DMX Cable
(XLR or RJ45)

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