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
9,720 lm (80W), 12,635 lm (110W), 16,450 lm (140W),
21,205 lm (180W), 24,870 lm (220W)

Dimming
Standard 0-10V: Dims to 10%
Superior 0-10V: Dim to 1 %
DMX: High resolution dims to 0.1% (Supports ANSI E1.20 RDM protocol)
TRC: Line-voltage phase control, dims to 1% (120V only)
DALI: Dims to 10%

Color Quality	Rated Life
CRI 85, CRI 93	> 100,000 Hours (L70)

Finish
Black   White

Color Temperature
2700K   3000K   3500K   4000K

Optics
30°   45°   55°   Wide

Mounting
Stem Mount   Adjustable Cable   Wall Mount   Yoke Mount

Warranty
5 Year limited warranty

Listing
ETL Intertek   CE   UKCA   FC

DLC — Not all Atria 10 are DLC qualified.
For all qualified products
Please visit: www.designlights.org/qpl

Masterfully engineered and aesthetically refined.

The Atria 10 cylinder boasts one of the highest delivered lumens packages in the market, in the market with up to 24,870 delivered lumens.
The cylinder is compatible with our Archi-Color™ 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

ATRIA 10
POWERFUL HIGH CEILING CYLINDER
WITH 25,000 LUMEN PACKAGE

METEOR

SPECIFICATION

PROJECT NAME

DATE

CATALOG #

QUANTITY

AS10	MODEL	ATRIA 10		
	WATTAGE	**80** 80W **180** 180W	**110** 110W **220** 220W	**140** 140W
	CCT / CRI	**278** 2700K / CRI 85 **309** 3000K / CRI 93 **408** 4000K / CRI 85	**279** 2700K / CRI 93 **358** 3500K / CRI 85	**308** 3000K / CRI 85 **359** 3500K / CRI 93
UNV	**VOLTAGE**	**UNV** 120 – 277V		
	DIMMING	**STV** Standard 0-10V dims to 10% **DMX(RJ45)** DMX dims to 0.1% (RJ45 Sockets)	**SPV** Superior 0-10V dims to 1% **TRC**[1] Line-voltage phase control, dims to 1%	**DMX** DMX dims to 0.1% (XLR Sockets) **DALI** DALI dims to 10%
	BEAM ANGLE	**30** 30° **WD**[2] Wide	**45** 45°	**55** 55°
	FINISH	**BLK** Black	**WHT** White	
	MOUNTING	**ST2** Stem 2ft **SAD10** Sloped Adjustable Cable 10ft	**ST4** Stem 4ft **WLM**[3] Wall Mount	**AD10** Adjustable Cable 10ft **YKM** Yoke Mount
	ACCESSORIES	**NO** No Accessories **EMP** Remote Emergency Pack **AWB**[8] Lutron Athena Wireless Module Black **NXW**[9] NX Radio Module White	**SPD**[4] Surge Protector **CT**[6] Conduit Mount **AWW**[8] Lutron Athena Wireless Module White	**HC**[5] Honeycomb Louver **FCS**[7] Field Cut Stem Adapter Kit **NXB**[9] NX Radio Module Black

[1] Option is only compatible with 120V and not compatible with 180W, 220W

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

[3] Wall Mount DMX wiring is through 3 DMX Positive / Negative / Common wires

[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 of 30%

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

[7] Option is not compatible with outdoor or natatorium configurations

[8] Option is only compatible with STV, SPV, DALI

[9] Option is only compatible with STV, SPV

ATRIA 10
POWERFUL HIGH CEILING CYLINDER
WITH 25,000 LUMEN PACKAGE

METEOR

TECHNICAL DETAILS

Electrical
- 9,720 lm (80W), 12,635 lm (110W), 16,450 lm (140W)
- 21,205 lm (180W), 24,870 lm (220W)
- Power Input: Universal (120-277V)
- Operating Temperature: -13°F~112°F
- Surge Protection: Built-in is 4KV
- Remote Emergency Pack : Philips Bodine BSL20B2UEK55C1I1
- Power Factor Greater than 0.9

LED Features
- Color Temperature: 2700K, 3000K, 3500K, 4000K
- CRI 85, CRI 93
- 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: 30°, 45°, 55°, WD

Advanced Dimming
- Proprietary VX Driver™ is incorporated to all dimming options for video flicker-free lighting
- Standard 0-10V: Dims to 10%
- Superior 0-10V: Dims to 1 %
- DMX: High resolution dims to 0.1% (Supports ANSI E1.20 RDM protocol)
- TRC: Line-voltage phase control, dims to 1% (120V only)
- DALI: Dims to 10%

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
- DLC Listed

PERFORMANCE SUMMARY*

Delivered Lumens				
CCT/WATTAGE	2700K	3000K	3500K	4000K
80W	8,455lm	9,040lm	9,380lm	9,720lm
110W	10,990lm	11,750lm	12,190lm	12,635lm
140W	14,310lm	15,310lm	15,880lm	16,450lm
180W	18,970lm	20,090lm	20,645lm	21,205lm
220W	22,250lm	23,560lm	24,210lm	24,870lm

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

*CRI 85 / Beam Angle: 30° * Tolerance ±8%*

Emergency Pack Lumen Output Table		
CCT	2700K	3000K	4000K
LUMEN	1,640lm	1,760lm	1,890lm

PHOTOMETRICS

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

| 30°	45°	55°	Wide
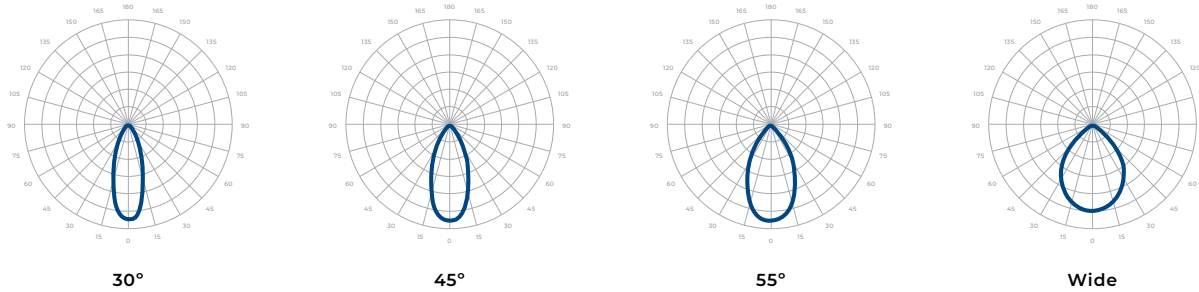
DMX REQUIREMENTS

The Atria 10 fixture with DMX is a **single 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.

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

PUSH

DMX IN   DMX OUT
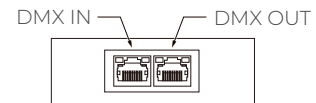
XLR Sockets

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.

COMPATIBLE LDE1 DIMMER LIST

LUTRON PART NO.						
RMJ-ECO32-DV-B	FCJ/FCJS-ECO	QSN-1ECO-S	QSN-2ECO-S	QSGRJ-_E	QSGR-_E	QP2-_ _ 2C
QP2-_ _ 4C	QP2-_ _ 6C	QP2-_ _ 8C	LQSE-2ECO-D			

COMPATIBLE TRC DIMMER LIST

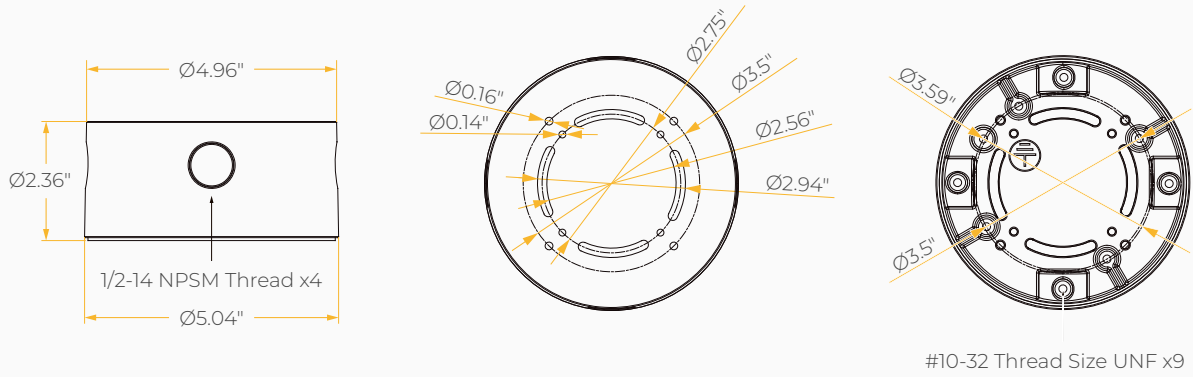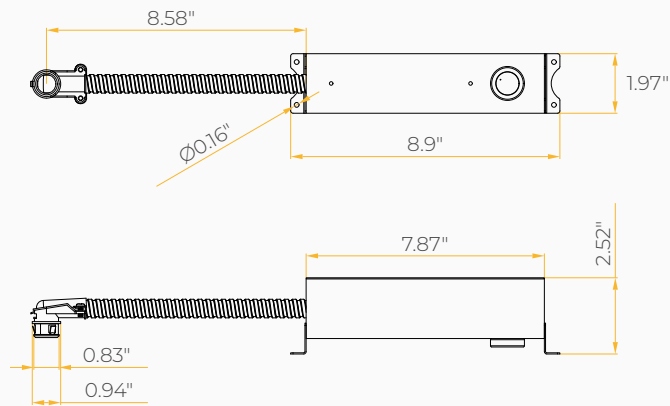| PART NO.					
Lutron S-603PG	Lutron DVCL-153P	Lutron DVLV-600P	Lutron TGCL-153P	Lutron S-600P	Lutron DVELV-303P
Lutron SELV-300P	Lutron TG-600P	Lutron DVLV-600P	Lutron LG-600P	Lutron CT-103P	Lutron MAELV-600
Lutron FAELV-500	Leviton IPI06-1LZ	Leviton 6631-2	Leviton VPE06	Leviton 6683-IW	Leviton 6161
Leviton 6633-P	Leviton IPE04	Cooper DLC03P	Cooper SLC03P	Cooper DAL06P	Lightolier ZP260QEW

DIMENSIONS

20.5"

Ø9.4"

Remote Emergency Pack

Junction Box
(Not Included)

Emergency
Battery

1.16"

15.34"

1.37" 2.25"

15"
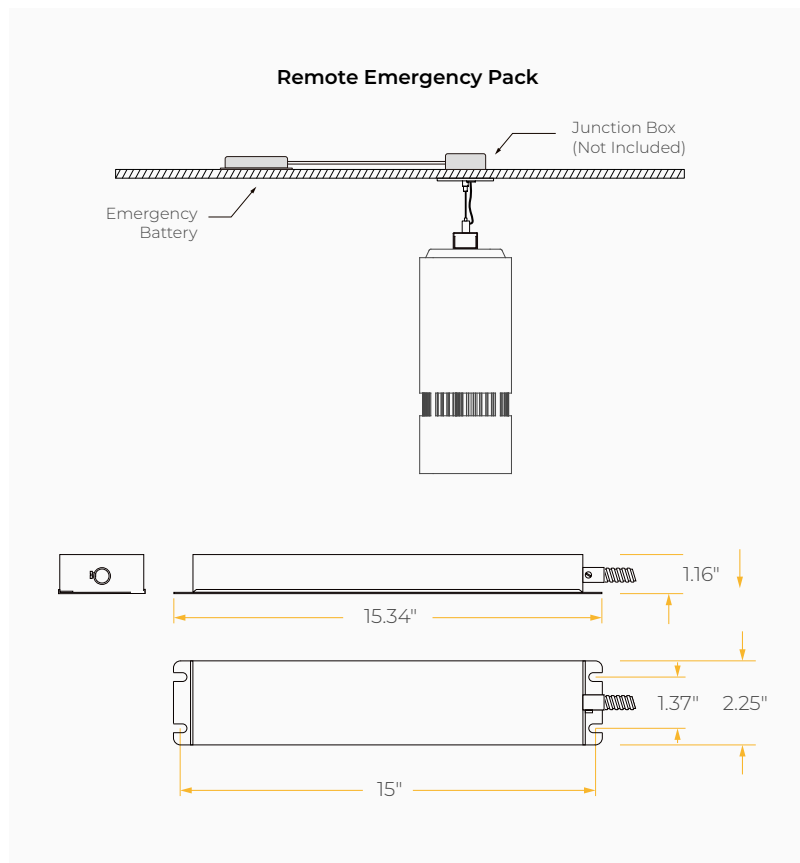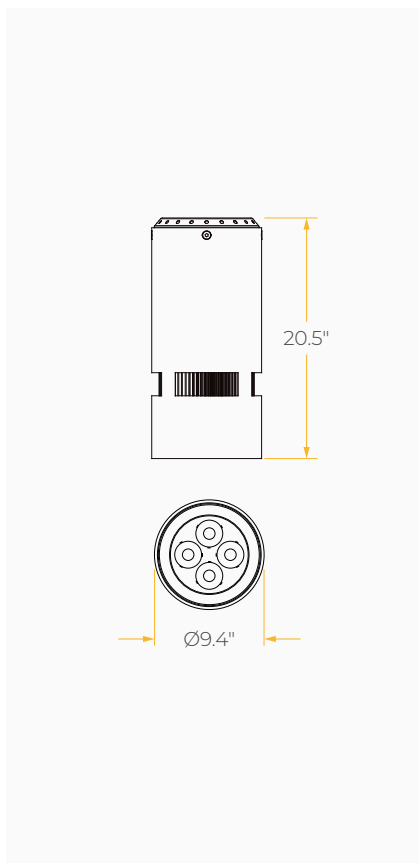
DIMENSIONS

Conduit Mount

Ø4.96"

Ø2.36"

1/2-14 NPSM Thread x4

Ø5.04"

Ø2.75"

Ø3.5"

Ø0.16"

Ø0.14"

Ø2.56"

Ø2.94"

Ø3.59"

Ø3.5"

#10-32 Thread Size UNF x9

Lutron Athena Wireless / NX Radio Module

8.58"

Ø0.16"

1.97"

8.9"

7.87"

2.52"

0.83"

0.94"

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Meteor Lighting reserves the right to make changes to this product for design and development improvements at any time without prior notice, and such modification shall be effective immediately. ©Meteor Illumination Technologies, Inc.

Page 6

MOUNTING OPTIONS*

Junction box not included

Stem Mount

Junction Box
Canopy Swivel (±45°)
1/2-14 NPSM
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"