ATRIA 6

POWERFUL HIGH LUMEN CYLINDER

Housing
Diameter : Ø6.4" | Height : 15" | Weight : 19.8 lbs

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

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

Lumen Output
3,895 lm (40W), 6,180 lm (60W), 7,845 lm (80W), 9,250 lm (100W)

Dimming
Standard 0-10V: Dims to 10%
Superior 0-10V: Dim to 1%
DMX: High resolution dims to 0.1%
TRC: Linear line-voltage phase control, dims to 1%
LDE1: Hi-Lume 1% EcoSystem
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

40°   60°   Wide

Mounting

Stem Mount   Adjustable Cable   Wall Mount   Yoke Mount   Surface Mount

Warranty
5 Year limited warranty

Listing

ETL Intertek   CE   FC   UKCA

Masterfully engineered and aesthetically refined.

The Atria 6 is a high-performing cylinder for mixed applications. 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 6 POWERFUL HIGH LUMEN CYLINDER

METEOR

SPECIFICATION

PROJECT NAME

DATE

CATALOG #

QUANTITY

AS6	MODEL	**ATRIA 6**		
	WATTAGE	**40** 40W **100** 100W	**60** 60W	**80** 80W
	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) **DALI** DALI dims to 10%	**SPV** Superior 0-10V dims to 1% **TRC**[1] Linear line-voltage phase control, dims to 1%	**DMX** DMX dims to 0.1% (XLR Sockets) **LDE1**[2] Hi-Lume 1% EcoSystem LED Driver with Soft-on, Fade-to-Black
	BEAM ANGLE	**40** 40°	**60** 60°	**WD**[3] Wide
	FINISH	**BLK** Black	**WHT** White	
	RIM FINISH	**STD** Standard Trim	**GLR** Glowing Ring	
	MOUNTING	**SUM** Surface Mount **AD10** Adjustable Cable 10ft **WLM**[4] Wall Mount	**ST2** Stem 2ft **SAD10** Sloped Adjustable Cable 10ft	**ST4** Stem 4ft **YKM** Yoke Mount
	ACCESSORIES	**NO** No Accessories **DF**[6] Diffuser **FCS** Field Cut Stem Adapter Kit **AWNC**[9,11] Lutron Athena Wireless Node Canopy	**SPD**[5] Surge Protector **CB**[7] Cross Baffle **AWN**[9] Lutron Athena Wireless Node Standalone Module **NXC**[10,11] NX Radio Module Canopy	**EMP** Remote Emergency Pack **CT**[8] Conduit Mount **NX**[10] NX Radio Module Standalone Module

[1] *Option is only compatible with 120V and not compatible with 100W*

[2] *Option is not compatible with 100W*

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

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

[5] *Surge protector for up to 10KV. Applicable for unstable mains or facilities using high power machineries*

[6] *Please factor in change in lumen output with DF(-20% with WD; -12% with other degrees)*

[7] *Please factor in change in lumen output with CB -30%, and CB is not compatible with TRC, LDE1*

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

[9] *Option is only compatible with STV, SPV, DALI*

[10] *Option is only compatible with STV, SPV*

[11] *Option is not compatible with SUM, WLM, YKM*

TECHNICAL DETAILS

Electrical

- 3,895 lm (40W)
- 6,180 lm (60W)
- 7,845 lm (80W)
- 9,250 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 BSL20B2UEK55C1I1

LED Features

- Color Temperature: 2700K, 3000K, 3500K, 4000K
- CRI 85, CRI93
- 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
- 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: Linear line-voltage phase control, dims to 1% (120V only)
- LDE1: Hi-Lume 1% EcoSystem LED Driver with Soft-on, Fade-to-Black
- DALI: Dims to 10%

Housing

- Diameter: Ø6.4"
- Height: 15"
- Material: High Pressure Die-Cast Aluminum
- Weight: 19.8 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
- FCC
- UKCA

PERFORMANCE SUMMARY*

| Delivered Lumens				
CCT/WATTAGE	2700K	3000K	3500K	4000K
40W	3,470lm	3,640lm	3,710lm	3,895lm
60W	5,500lm	5,780lm	5,890lm	6,180lm
80W	6,725lm	7,195lm	7,620lm	7,845lm
100W	8,210lm	8,900lm	9,130lm	9,250lm

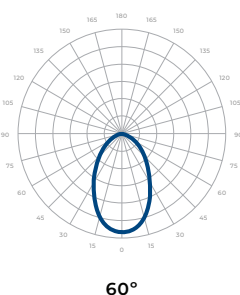| Current Consumption		
WATTAGE / VOLT	120V	277V
40W	0.37A	0.16A
60W	0.55A	0.24A
80W	0.73A	0.32A
100W	0.92A	0.4A

*Beam Angle: 40° * Tolerance ±8%*

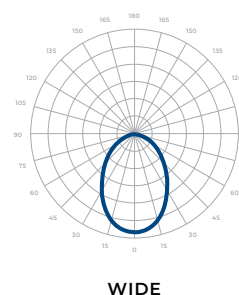| Emergency Pack Lumen Output Table		
CCT	2700K	3000K	4000K
LUMEN	1,640lm	1,760lm	1,890lm

PHOTOMETRICS

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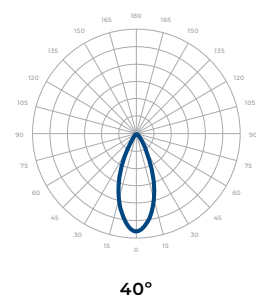

40°

60°

WIDE

DMX REQUIREMENTS

The Atria 6 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
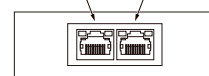
RJ45 Sockets

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.

COMPATIBLE LDE1 DIMMER LIST

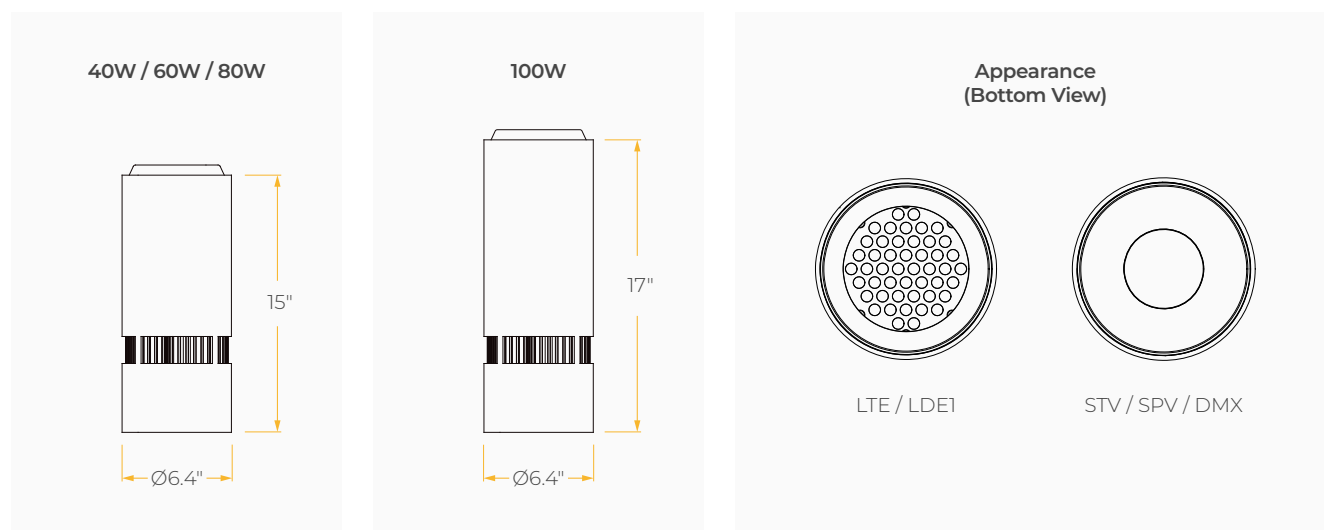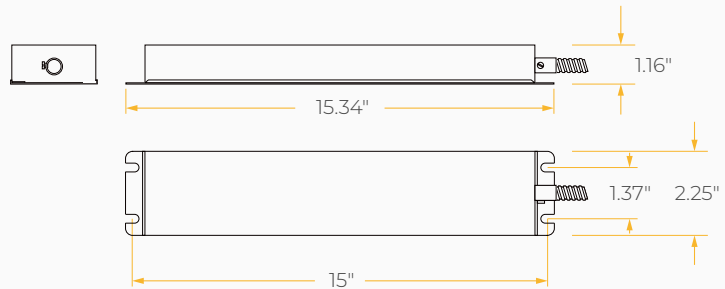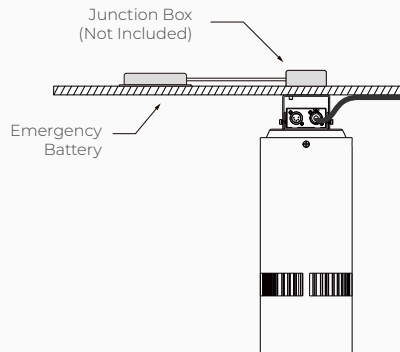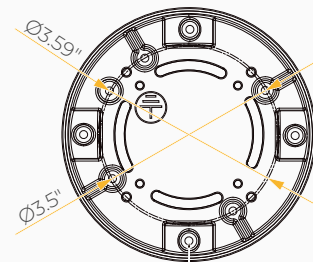| LUTRON PART NO.						
RMJ-ECO32-DV-B	FCJ/FCJS-ECO	QSN-1ECO-S	QSN-2ECO-S	QSGRJ-_E	QSGR-_E	QP2-_ _ 2C
QP2-_ _ 4C	QP2-_ _ 6C	QP2-_ _ 8C	LQSE-2ECO-D			

COMPATIBLE TRC DIMMER LIST

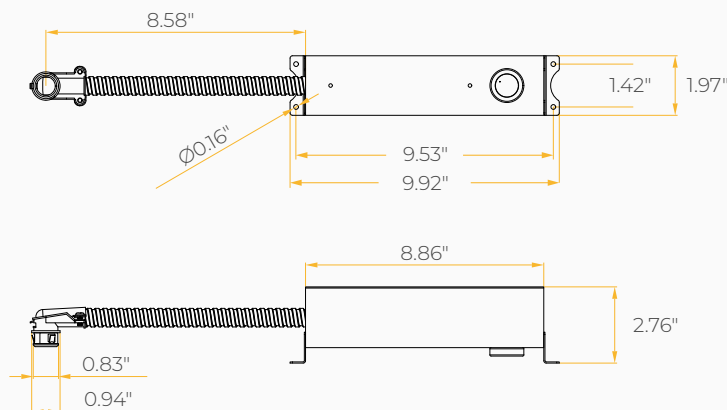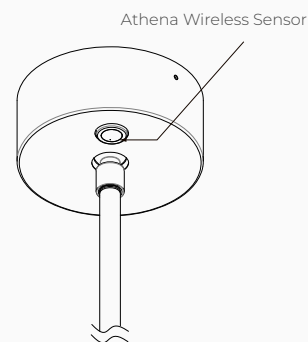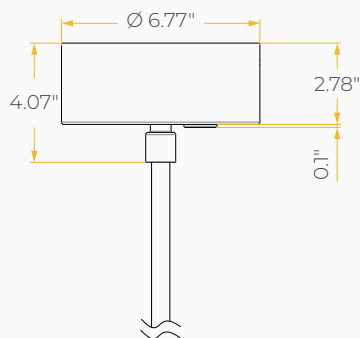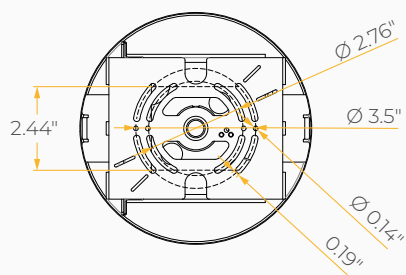| PART NO.					
Lutron S-603PG	Lutron DVCL-153P	Lutron DVLV-600P	Lutron TGCL-153P	Lutron S-600P	Lutron DVELV-303P
Lutron SELV-300P	Lutron TG-600P	Lutron DVLV-600P	Lutron LG-600P	Lutron CT-103P	Lutron MAELV-600
Lutron FAELV-500	Leviton IPI06-1LZ	Leviton 6631-2	Leviton VPE06	Leviton 6683-IW	Leviton 6161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

RIM FINISH

Standard Trim

Glowing Ring

DIMENSIONS

40W / 60W / 80W

15"

Ø6.4"

100W

17"

Ø6.4"

Appearance
(Bottom View)

LTE / LDE1

STV / SPV / DMX

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LUMEN CYLINDER

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DIMENSIONS

Remote Emergency Pack

Junction Box
(Not Included)

Emergency
Battery

1.16"
15.34"
1.37" 2.25"
15"

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"
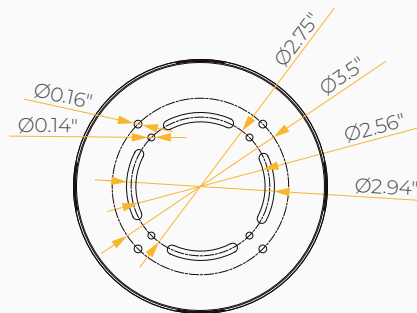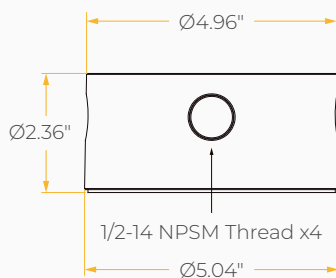
Ø3.59"
Ø3.5"
#10-32 Thread Size UNF x9

Lutron Athena Wireless Node / NX Radio Standalone Module

8.58"
1.42" 1.97"
Ø0.16"
9.53"
9.92"

8.86"
2.76"
0.83"
0.94"

DIMENSIONS

Lutron Athena Wireless Node Canopy

Ø 2.76"
Ø 3.5"
Ø 0.14"
0.19"
2.44"
Ø 6.77"
4.07"
2.78"
0.1"
Athena Wireless Sensor

NX Radio Node Canopy

Ø 2.76"
Ø 3.5"
Ø 0.14"
0.19"
2.44"
Ø 6.77"
2.78"
0.43"
4.07"

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LUMEN CYLINDER

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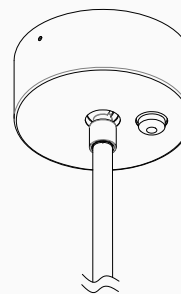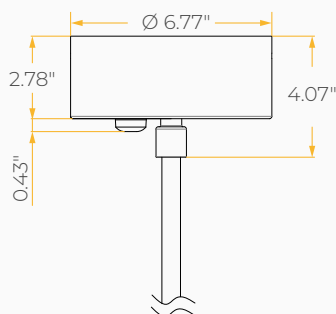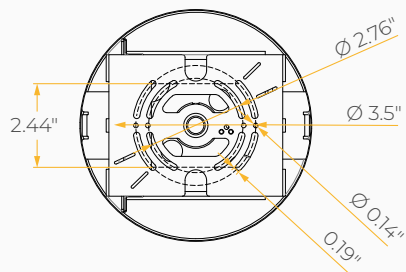
MOUNTING OPTIONS*

*Juntion Box not included

Surface Mount

Junction Box

DMX Cable

18"

Stem Mount

Junction Box

Canopy Swivel
(±45°)

1/2"IPS

DMX Cable

17.3"

Adjustable Cable

Junction Box

DMX Cable

17.3"

Yoke Mount

Junction Box

DMX Cable

11"

7.7"

Wall Mount

8.5"

2.1"

5.5"