

ATRIA II 8

REIMAGINING PERFORMANCE SPACES

SPECIFICATION SHEET
STANDARD

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

10,610 lm (80W), 13,265 lm (100W), 17,245 lm (130W), 21,220 lm (160W)

Dimming

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%

DALI: Dims to 10%

Color Quality

CRI 85, CRI 93

Rated Life

> 100,000 Hours (L70)

Finish

Matte Black Matte White

Color Temperature

2700K 3000K 3500K 4000K

Optics



Mounting



Warranty

5 Year limited warranty

Listing



DesignLights Consortium™ Qualified Luminaires:

DLC QPL Product ID: S-3P19DF

Not all product variations listed are DLC qualified.

To ensure that a specific model is qualified, visit www.designlights.org/search

Versatile and Compact Architectural Cylinder

Engineered for performance spaces, this cylinder offers versatile mounting and advanced dimming options. It seamlessly blends into ceilings, delivering powerful performance with vibrant, color-changing technology that elevates any stage environment.

With its next-gen design, the Atria Mark II features an upgraded light engine that boasts a 30% increase in lighting output across the series and introduces a new SilentBlack™ finish that reduces reflectance to under 5%.



METEOR

meteor-lighting.com

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.

ASII8	MODEL	ATRIA II 8		
	WATTAGE	80 80W 160 160W	100 100W	130 130W
	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% DMXR 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 ² DALI dims to 10%
	BEAM ANGLE	30 30° WD ³ Wide	45 45°	55 55°
	FINISH	BLK SilentBlack™, Matte Finish WHT SilentWhite™, Matte Finish		
	RIM FINISH	STD Standard GLR Glow Ring		
	MOUNTING	ST2 Stem 2ft SAD10 Sloped Adjustable Cable 10ft SUM Surface Mount	ST4 Stem 4ft YKM Yoke Mount	AD10 Adjustable Cable 10ft WLM ⁴ Wall Mount
	ACCESSORIES	SPD ⁵ Surge Protector CT ⁷ Conduit Mount AWN ^{8,10} Lutron Athena Wireless Node Canopy	HC ⁶ Honeycomb Louver FCS Field Cut Stem Adapter Kit NX ^{9,10} NX Radio Module Standalone Module	EMP Remote Emergency Pack AWN ^{8,10} Lutron Athena Wireless Node Standalone Module NXC ^{9,10} NX Radio Module Canopy

 CLEAR FORM

¹ Option is only compatible with 120V, 80W and 100W

² Option is only compatible with 80W, 100W, 130W

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

⁴ Specifying wall mount with DMX does not feature XLR or RJ45 sockets; connections are hard-wired using three DMX 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 of 30%

⁷ CT only compatible with ST and AD mounting types

⁸ Option is only compatible with STV, SPV, DALI

⁹ Option is only compatible with STV, SPV

¹⁰ Option is not compatible with SUM, WLM, YKM

TECHNICAL DETAILS

Electrical

- 10,610 lm (80W), 13,265 lm (100W), 17,245 lm (130W), 21,220 lm (160W)
- Power Input: Universal (120-277V)
- Operating Temperature: -13°F~112°F
- Surge Protection: Built-in is 4KV
- Remote Emergency Pack : Philips Bodine BSL20B2UEK55C111
- 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

- Aluminum Reflector
- 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% (80/100/120W only)
- DALI: Dims to 10%

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

- DLC Listed
- ETL Damp Location Listed
- CE
- UKCA
- FCC

PERFORMANCE SUMMARY*

Delivered Lumens				
CCT/WATTAGE	2700K	3000K	3500K	4000K
80W	9,700lm	10,000lm	10,300lm	10,610lm
100W	12,130lm	12,500lm	12,880lm	13,265lm
130W	15,765lm	16,255lm	16,740lm	17,245lm
160W	19,405lm	20,005lm	20,265lm	21,220lm

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

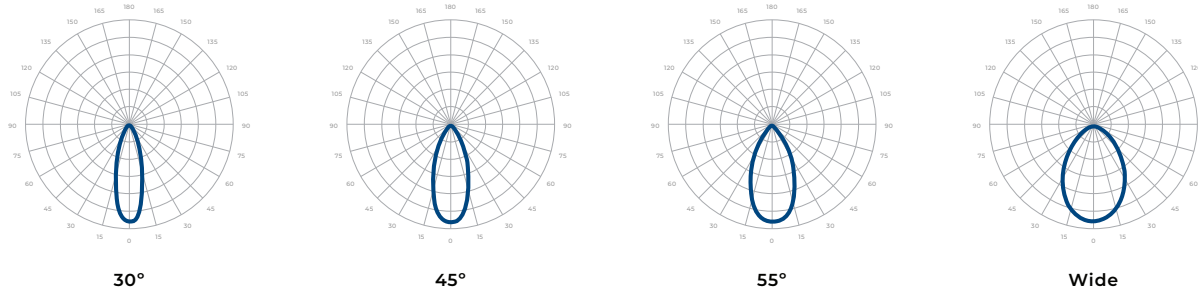
*Beam Angle 55° Tolerance±8%

*For specifications requiring a CRI of 93, apply a 0.75 multiplier to the lumen output values listed.

Emergency Pack Lumen Output Table			
CCT	2700K	3000K	4000K
LUMEN	1,870lm	1,925lm	2,040lm

PHOTOMETRICS

Below is a typical photometric representation of the Atria II 8 fixture. Please download IES files to ensure exact photometric value.

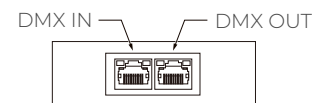


DMX REQUIREMENTS

The Atria II 8 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



RJ45 Sockets



XLR Sockets

COMPATIBLE DMX CABLING LIST

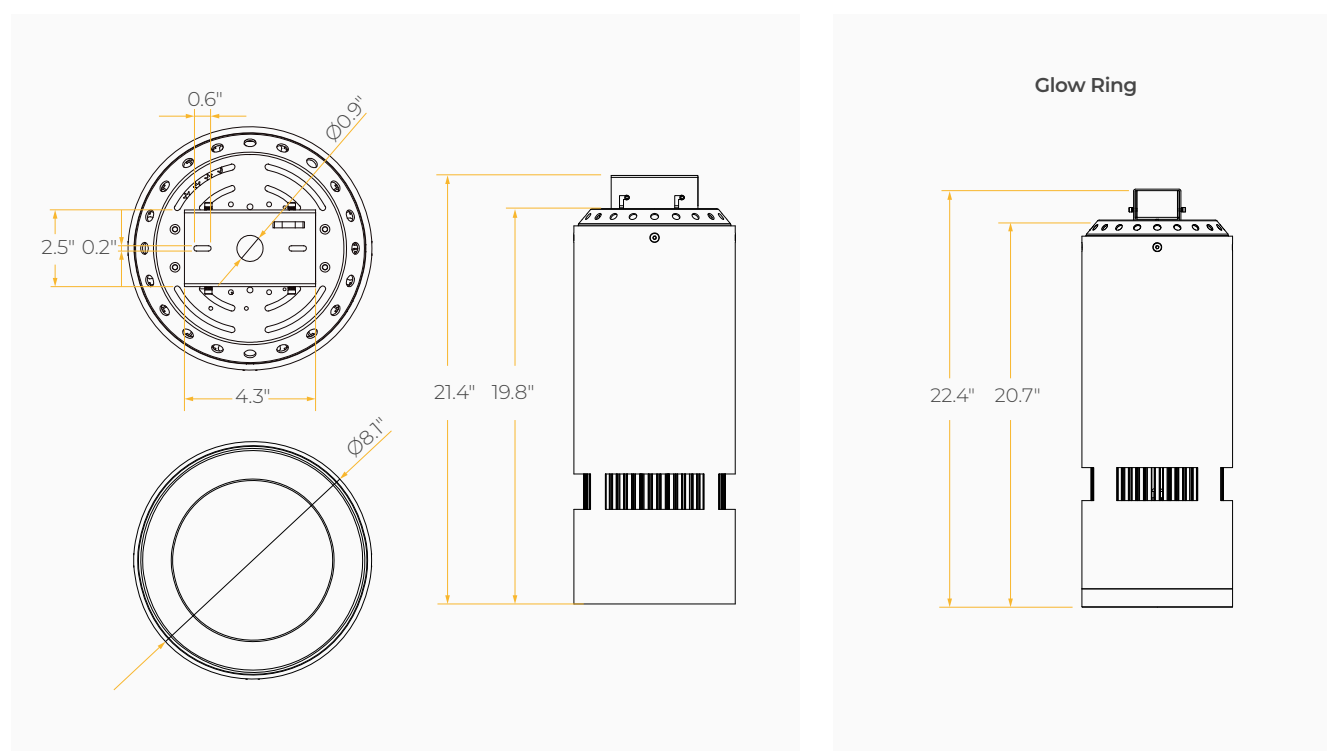
DMX uses a cable consisting of two twisted pairs plus a shield to carry data. The cable must be specifically impedance matched for the digital DMX signal, meaning that microphone cable or other non-rated cable **must not be used to carry DMX**. Network cable (Cat5, 5e or 6 cable) may be used to carry 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 TRC DIMMER LIST

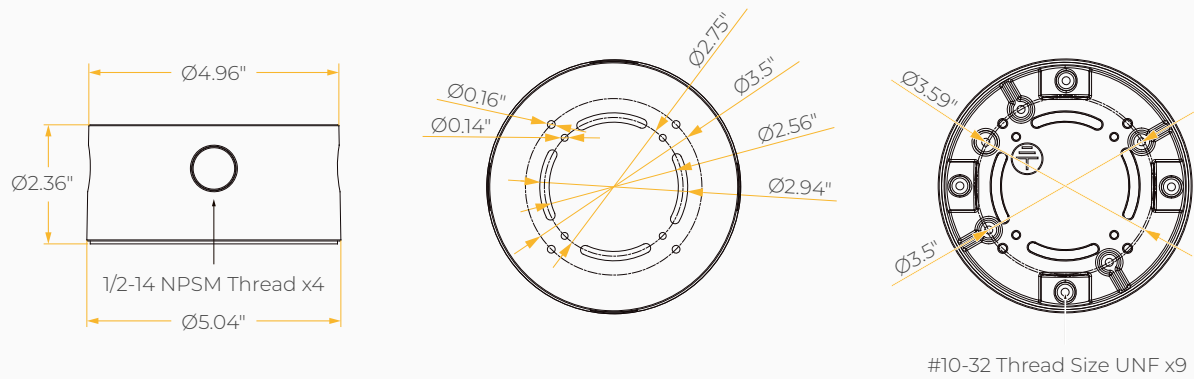
PART NO.					
Lutron DV603P	Lutron DVCL-153P	Lutron DVLV-600P	Lutron TGCL-153P	Lutron S-600P	Lutron FAELV500
Lutron SCL-153P	Lutron MACL-153M	Lutron DVLV-600P	Lutron RRD-6CL	Lutron CT-103P	Lutron MAELV-600
Leviton IPI06-1LZ	Leviton VP106-ILT	Leviton VPE06	Leviton 6673-10W	Leviton 6161	Leviton LGCL-153PL
Leviton IPL06	Cooper DLC03P-W	Cooper SLC03P	Cooper DAL06P	Cooper AAL06A-C2	

DIMENSIONS

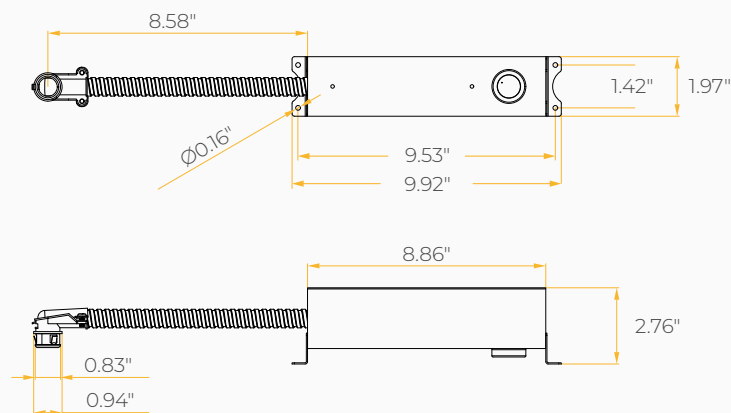


DIMENSIONS

Conduit Mount

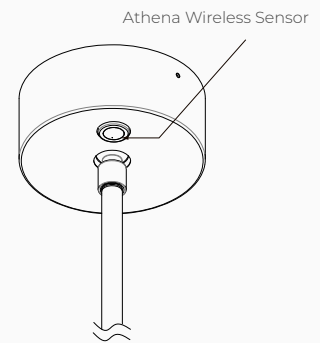
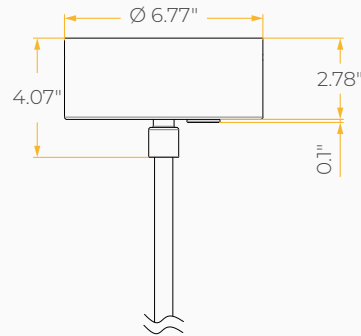
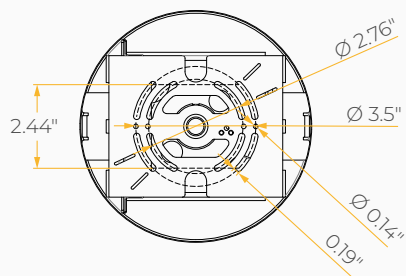


Lutron Athena Wireless Node / NX Radio Standalone Module

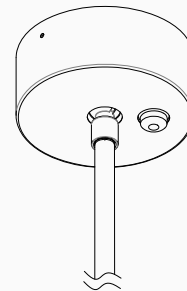
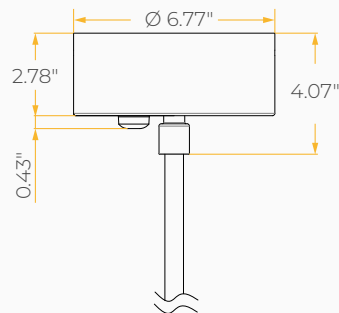
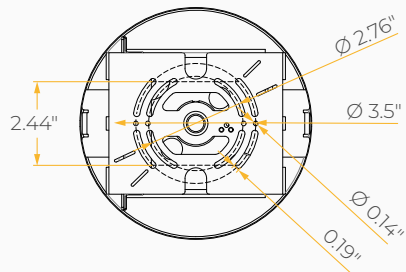


DIMENSIONS

Lutron Athena Wireless Node Canopy



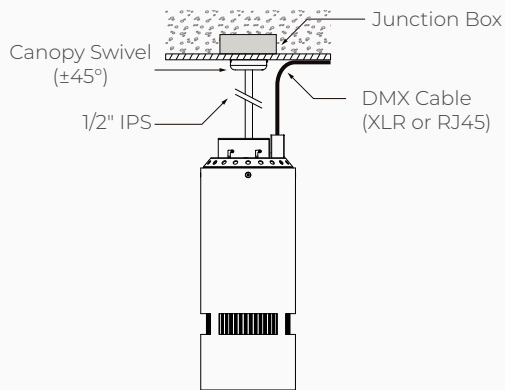
NX Radio Node Canopy



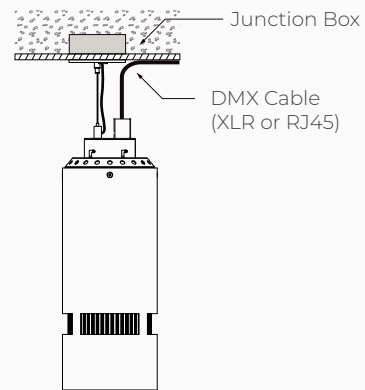
MOUNTING OPTIONS*

*Junction box not included

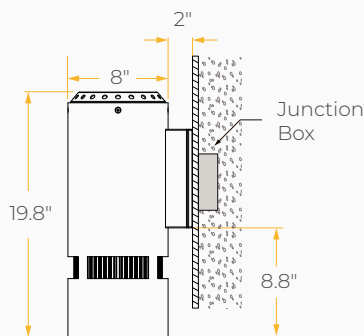
Stem Mount



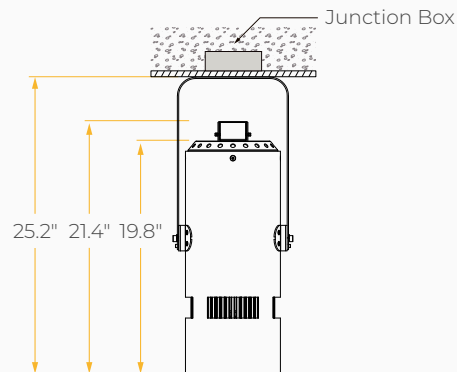
**Sloped Adjustable Cable /
Adjustable Cable**



Wall Mount



Yoke Mount



Surface Mount

