

ADVANCED HIGH CEILING

Atria 10 Series



10-inch aperture cylinder with aesthetic design and minimal visual impact suited for remodel or new construction. Additional features include outdoor/natatorium rating, and ColorFlip™ tunable white.

- Outdoor/Natatorium Rating

(Please refer to Outdoor/Natatorium Version spec sheet)

Special coating, sealant, and wiring is applied for long term operation in harsh environments.

- ColorFlip™ (Please refer to Tunable White Version spec sheet)

Utilize latest flip chip technology for optimum efficacy, delivering consistent high lumen output with 105LPW at CRI85+ when color tuning from 2700K to 6500K. Compatible to all 0-10V and DMX dimming controls.

Quantity	Type
Project	Note

Electrical System

- 9719lm (80W)
- 12634lm (110W)
- 16451lm (140W)
- 21204lm (180W)
- 24867lm (220W)
- Power Input: Universal (120-277V)
- Operating Temperature: -13°F~112°F
- Surge Protection: 4KV
- Remote Emergency Pack: Bodine BSL20LV

LED Technology

- 2700K, 3000K, 3500K, 4000K
- 85 CRI, 93 CRI
- Beam Angle: 30°, 45°, 55°
- Rated Life > 60,000 hours (L70)

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)

- **80W/110W/140W/180W only:**
- TRIAC: Line-voltage phase control, dims to 1% (120V only)
- 3-wire: LUTRON Hi Lume 3-wire, dims to 1% (UNV only)
- ECOsystem: LUTRON Hi Lume ECOsystem, dims to 1 % (UNV only)

Housing

- Diameter: 9.4" (238mm)
- Height: 20.5" (520mm)
- Material: Aluminum
- Weight: 30 lbs

Mounting

- Stem 2ft or 4ft; 45° Swivel Canopy Included
- Adjustable Aircraft Cable 10ft

Warranty

- 5 years limited warranty.

Listing

- ETL Listed
- FCC
- CE



Atria 10 Series



How To Specify:

Ordering Example: AS10-220-408-UNV-DMX-45-BLK-ST2

4-5 weeks lead time on over 75% of specifications.

Model	Wattage	CCT / CRI	Voltage	Dimming
AS10				
AS10 Atria 10	80 80W 110 110W 140 140W 180 180W 220 220W	278 2700K / CRI85 308 3000K / CRI85 358 3500K / CRI85 408 4000K / CRI85 279 2700K / CRI93 309 3000K / CRI93 359 3500K / CRI93	UNV 120-277V	STV Standard 0-10V dims to 10% SPV Superior 0-10V dims to 1% DMX DMX dims to 0.1% (XLR Sockets) DMX(RJ45) DMX dims to 0.1% (RJ45 Sockets) TRC¹ TRIAC dims to 1% (120V only) ECO¹ LUTRON ECOSystem dims to 1% (UNV only) 3WIR¹ LUTRON 3-wire dims to 1% (UNV only)

¹ Option is ONLY compatible to 80W, 110W, 140W, and 180W

Beam Angle	Finish	Mounting	Accessories
30 30° 45 45° 55 55°	BLK Black WHT White	ST2 Stem 2ft ST4 Stem 4ft AD10 Adjustable Cable 10ft	SPD¹ Surge Protector EMP Remote Emergency Pack HC² Honeycomb Board

¹ Surge protector for up to 10KV. Applicable for unstable mains or facilities using high power machineries.

² Please factor in change in lumen output of 30%.

Atria 10 Series



Delivered Lumens*

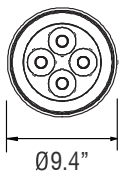
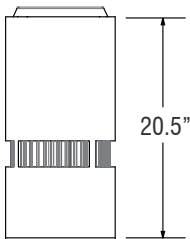
Wattage \ CCT	80W	110W	140W	180W	220W
CRI:85 / Beam Angle: 30°					
4000K	9719 lm	12634 lm	16451 lm	21204 lm	24867 lm
3500K	9380 lm	12190 lm	15880 lm	20646 lm	24212 lm
3000K	9040 lm	11751 lm	15309 lm	20088 lm	23558 lm
2700K	8454 lm	10990 lm	14309 lm	18972 lm	22249 lm

Current Consumption

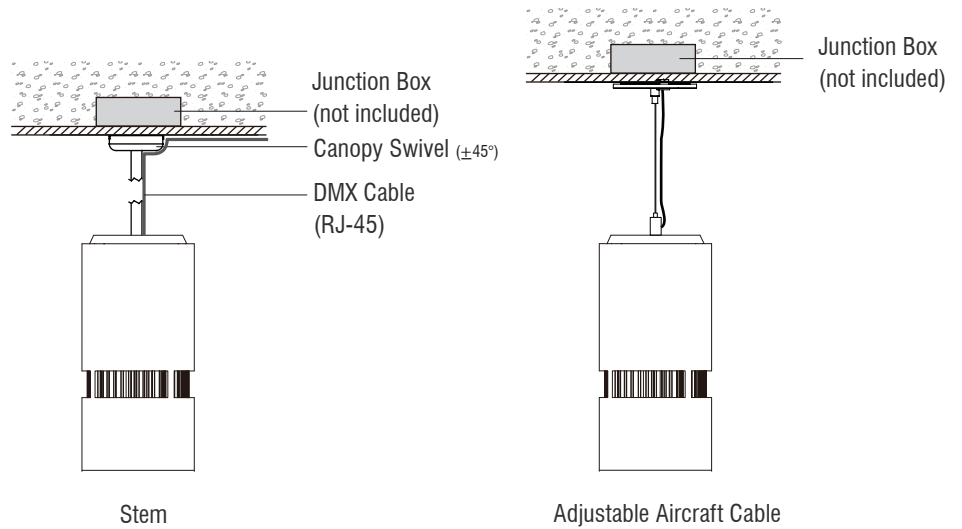
Wattage \ Volt	120V	277V
80W	0.73A	0.32A
110W	1.01A	0.44A
140W	1.28A	0.56A
180W	1.65A	0.71A
220W	2.02A	0.87A

*Tolerance ± 8%

Dimensions



Mounting Options



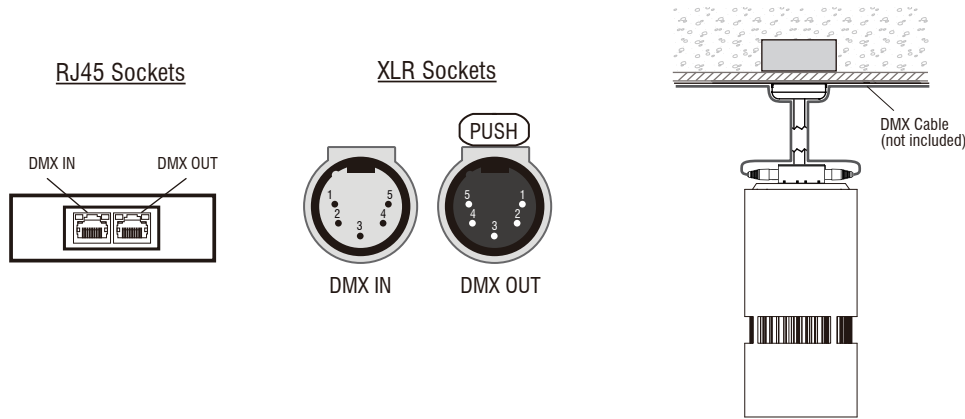
DMX Requirements

The Atria 10 LED fixture with DMX is a **ONE CHANNEL DMX unit**.

When placing order, please indicate DMX address. (The DMX address will be listed on the back of the fixture.)

The LED fixture provide RJ45 Socket or XLR socket to connect. (DMX cable NOT included.)

The final fixture should be terminated by the use of DMX Terminator (by others).



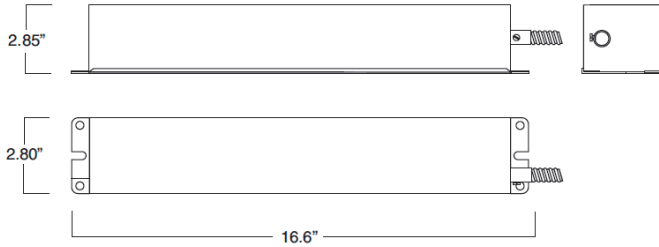
CONNECTION	RJ45 (CAT5e)	5-PIN XLR
Common	WHITE/BROWN(PIN7) & BROWN(PIN 8)	PIN 1
Signal -	ORANGE(PIN 2)	PIN 2
Signal +	WHITE/ORANGE(PIN 1)	PIN 3
Spare	-	PIN 4
Spare	-	PIN 5

Compatible TRIAC Dimmer List

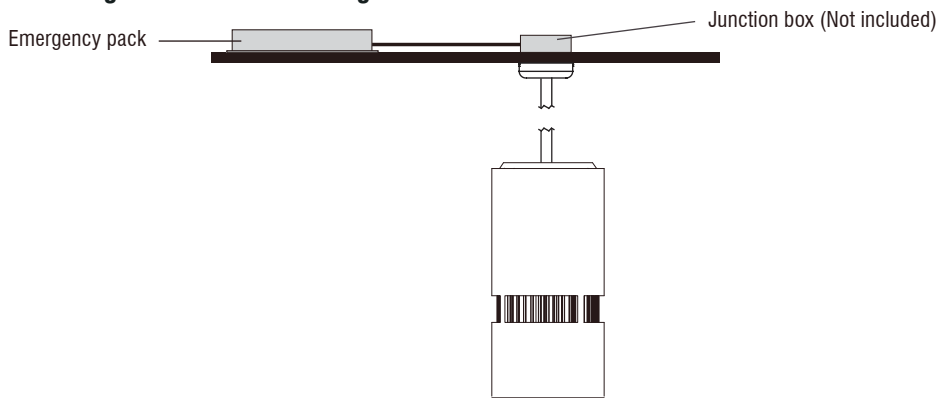
LUTRON PART NO.

RRD-6NA-	RRT-G5NEW-	RRT-GH	HQRD-10ND-	HQRT-GH	HQRD-HN	PD-10NXD-
RRD-6ND	RRT-G25LW-	HQRD-6NA-	MRF2-6ND-120-	HQRT-G25LW-	GT-250M-	PD-5NE-
RRD-10ND-	RRD-HN	HQRD-6ND-	MRF2S-6ND-120-	HQRT-G5NEW-	GTJ-250M-	

Remote Emergency Pack



Mounting with standard ceiling recessed Junction BOX



Emergency Pack Lumen Output Table

CCT	2700K	3000K	4000K
Lumen	1640 lm	1760 lm	1890 lm