

ADVANCED HIGH CEILING

# Atria 10 - Tunable White Version (ColorFlip™)



10-inch aperture high lumen atria with lumen output 6189 – 18788lm.

- ColorFlip™

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.

Standard version available, please refer to Standard spec sheet for more details.

Quantity		Type	
Project		Note	

## Delivered Lumens\*

ColorFlip™	2700K	3000K	3500K	4000K	4500K	5000K	5700K	6500K	*Lumen Multiplier 30° 1.05 45° baseline 55° 0.95
<b>DMX</b> CCT Signal (%)	0%	10%	25%	45%	60%	70%	85%	100%	
<b>0-10V</b> CCT Voltage	0	1	2.5	4.5	6	7	8.5	10	
220W	16056 lm	16960 lm	17884 lm	18788 lm	18641 lm	18473 lm	18305 lm	18158 lm	
180W	13399 lm	14154 lm	14925 lm	15679 lm	15557 lm	15416 lm	15276 lm	15153 lm	
140W	10626 lm	11224 lm	11836 lm	12434 lm	12337 lm	12226 lm	12114 lm	12017 lm	
110W	8429 lm	8904 lm	9389 lm	9864 lm	9786 lm	9698 lm	9610 lm	9533 lm	
80W	6189 lm	6537 lm	6894 lm	7242 lm	7185 lm	7120 lm	7056 lm	6999 lm	
<b>CRI</b>	<b>85</b>	<b>86</b>	<b>87</b>	<b>88</b>	<b>88</b>	<b>87</b>	<b>86</b>	<b>85</b>	

### Electrical System

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

### LED Technology

- ColorFlip™ (Tuning White: 2700K ↔ 6500K)
- 85+ 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)

- DMX: high resolution dims to 0.1% (2 channel)  
(Supports ANSI E1.20 RDM protocol)
- Superior 0-10V: dims to 1% (2 channel)  
1 channel control dimming. 1 channel control CCT.

### 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



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## How To Specify:

**Ordering Example: AS10-80-TNW-UNV-DMX-45-WHT-AD10**

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

Model	Wattage	CCT / CRI	Voltage	Dimming
<b>AS10</b>		<b>TNW</b>	<b>UNV</b>	
<b>AS10</b> Atria 10	<b>80</b> 80W <b>110</b> 110W <b>140</b> 140W <b>180</b> 180W <b>220</b> 220W	<b>TNW</b> 2700K - 6500K	<b>UNV</b> 120-277V	<b>SPV</b> Superior 0-10V dims to 1% <b>DMX</b> DMX dims to 0.1% (XLR Sockets) <b>DMX(RJ45)</b> DMX dims to 0.1% (RJ45 Sockets)

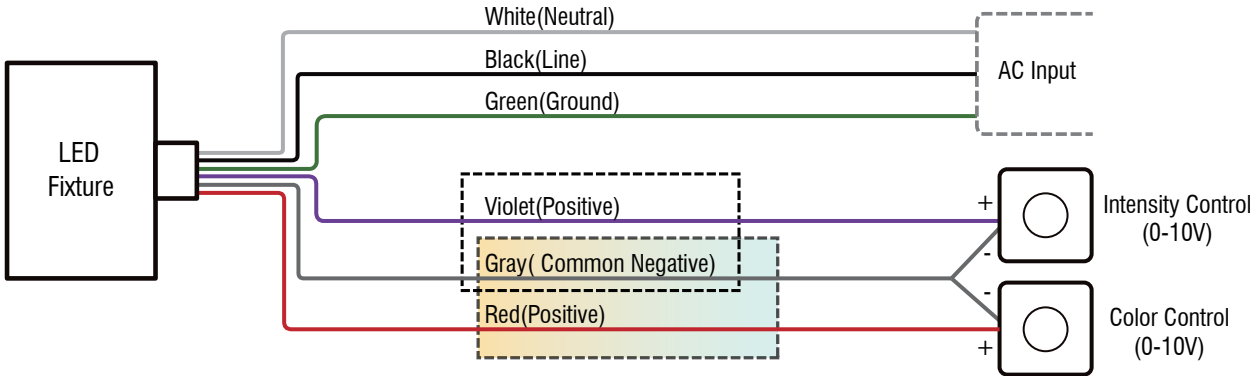
Beam Angle	Finish	Mounting	Accessories
<b>30</b> 30° <b>45</b> 45° <b>55</b> 55°	<b>BLK</b> Black <b>WHT</b> White	<b>ST2</b> Stem 2ft <b>ST4</b> Stem 4ft <b>AD10</b> Adjustable Cable 10ft	<b>SPD</b> <sup>1</sup> Surge Protector <b>EMP</b> Remote Emergency Pack <b>HC</b> <sup>2</sup> Honeycomb Board

<sup>1</sup> Surge protector for up to 10KV. Applicable for unstable mains or facilities using high power machineries.  
<sup>2</sup> Please factor in change in lumen output of 30%.

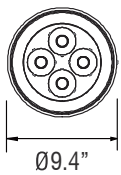
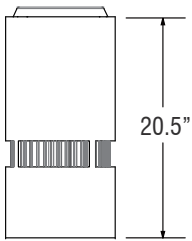
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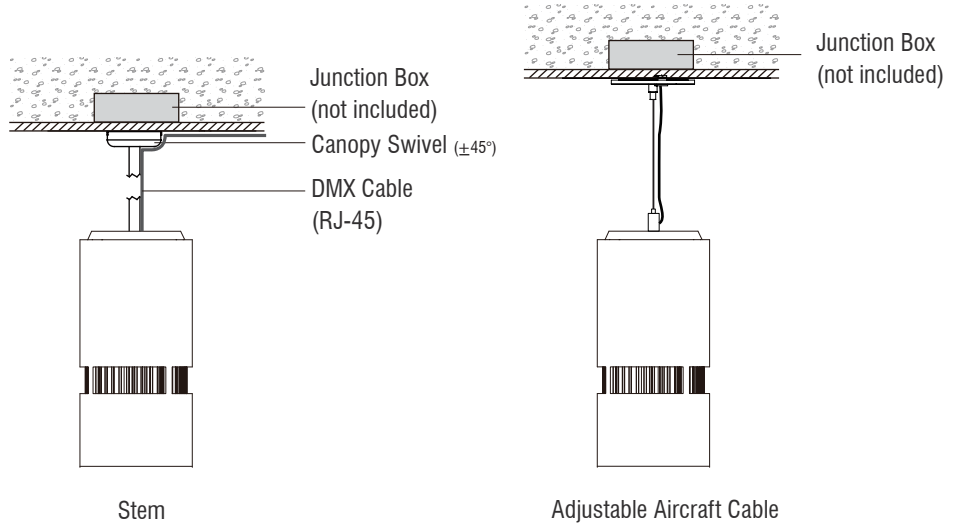
## Superior 0-10V Wiring Diagram



## Dimensions



## Mounting Options



## DMX Requirements\*

Each Atria 10 DMX unit has TWO CHANNELS per fixture (1 to control intensity, 1 to control color).  
 Fixture will be controlled by DMX number controlling intensity.  
 We do not recommend more than 15 fixtures per DMX daisy chain.  
 When placing order, please indicate DMX address (refer to DMX Address example below).  
 DMX address will be listed on the back of each fixture.

Fixture	DMX Address	
	Intensity Control (ex. X)	Color Control (ex. X+1)
#1	1	2
#2	3	4
#3	5	6

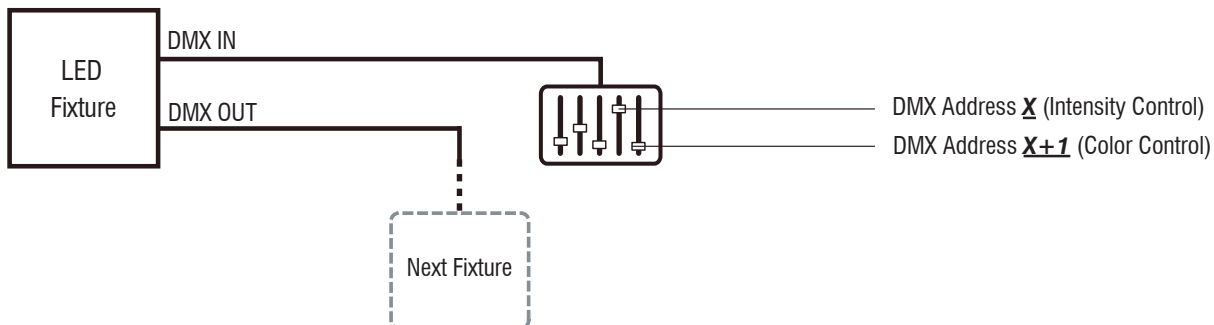
The LED fixture provide RJ45 Socket or XLR socket to connect. (DMX cable NOT included.)  
 The final fixture should be terminated by the use of DMX Terminator (by others).

**RJ45 Sockets**

**XLR Sockets**

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

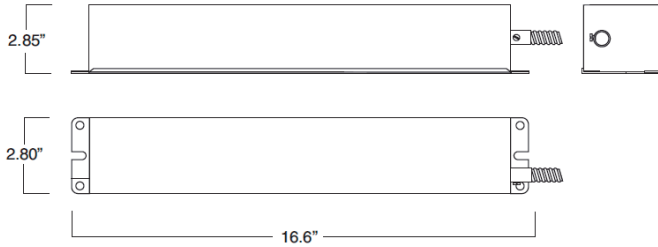
## DMX Wiring Diagram



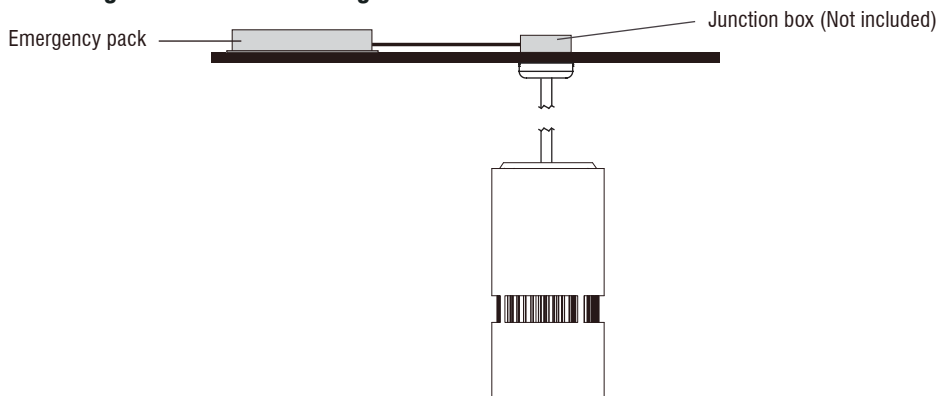
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## Remote Emergency Pack



## Mounting with standard ceiling recessed Junction BOX



## Emergency Pack Lumen Output Table

CCT	6500K
Lumen	2000 lm