

ASTRO FX AURORA

Advanced RGBW LED Lighting Systems Generation 5 Trillions of colors with perfectly smooth fades!

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Gorgeous pastel colors not before possible with only R-G-B fixtures. And white that is... white.

The 64-bit digital AstroFXAurora LED RGBW Advanced lighting system is our highest level Generation 5 LED system and features the newest technology *exponentially scaled* 16-bit DMX control per color which allows over 65,000 dimming levels. This enables perfectly smooth fading of all colors.

The system utilizes our exciting new **quad-color** LED chip, not a separate chip for white. This mixes R-G-B-W colors right at the chip surface, *not at the dome surface*. This eliminates scalloping and insures amazingly homogeneous blending of colors.

The Worldwide Leader

AstroFXAurora systems are installed in more nations than any other planetarium lighting product. High-quality, flexibility and post installation support are why we are the preferred provider of audio, lighting, control and other technologies for several major planetarium companies and why we are included in their packages.

The system can receive lighting control commands from various digital astronomy/graphics projection systems including but not limited to Digistar, Mediaglobe, Digitalium, SciDome, and Zeiss PowerDome.

The New Standard in LED Lighting Show Creation

Instantly see your programming on the dome while you are creating it! Control and selection of scenes and effects is accomplished via **all-dome projection system GUI** (if capable) and scripts, by our programmable touchscreen button and fader manual panel, or by the AstroFXCommander computer-based control system.

A physical button/fader manual panel can be added as an option.

24/7 video tutorials are available on our website... you will always know how to program a new effect.



Individual Segment Control.

The AstroFXAurora LED Advanced systems allow control of individual 30cm (12") segments for dramatic wipes and chase effects.



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The Fixtures

Our RoHS compliant **quad-color LED** eliminates any scalloping and insures perfect blending of colors. The AstroFXAurora Advanced system is all-digital with individual addressing of each 12” (30cm) segment of the perimeter, allowing for dramatic wipes, chases, and crossfades.

AstroFXAurora Advanced fixtures are designed with a robust, all-enclosed aluminum housing, offering ultimate heat dissipation and protection of components. No plastic lens is needed so chromatic aberration/shift/rainbowing is not an issue.



When is Bright too Bright

Our systems are designed to minimize the “bright ring” and “hot spot” effects of fixtures at the bottom of the dome that are unnecessarily bright with limited beam spread. Our fixtures utilize 120 to 137° coverage to assure lighting is smooth all the way...from the cove to the zenith.



3-Year Total System Warranty

Our three-year warranty covers *every part* of your system...not just the fixture.

Lumen Output RGBW (W=6000K)	218 (lm/ft/30cm)
Control	64-bit (4 x 16-bit channels per fixture) DMX512, Artnet
Power Consumption	5.3 (watts/ft)
Efficacy RGBW (W=6000K)	16.5 (lm/w)
LED Quality	5050 SMD
Pixel Control	16-bit
Rated Life of LED	L70 @ 150,000 Hours (25° C)
LEDs per fixture	18 quad-color RGBW

Housing	Aluminum Alloy / 90° Swivel Mount Included
Beam Spread	137°
Operating Temperature	0°C to 40°C
Voltage	24V DC
Weight	7oz, 200g
Warranty	Three Year Limited
Standards	CE, RoHS
Environment	Dry

Background is an actual photo of AstroFXAurora on a white screen.

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