

COVE LIGHTING

Cove-mounted LED Dome Lighting Systems

ChromaCove Lighting

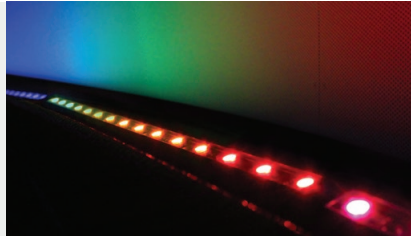
We offer high-quality illumination for dome theaters, including 16-bit three-color LED cove systems and Super Bright White LEDs for domes of all sizes.

We are proud to be the exclusive North American distributor of NanoCove™ RGB LED cove lighting by ChromaCove™, for domes up to 40'.

NanoCove™ RGB delivers a smooth mix of color with ChromaCove's proprietary ChromaBlend technology for unparalleled gradients, fades, and transitions. Because it uses red, green, and blue LED lights, the colors are intense and highly saturated — offering a richer color space than other lighting sources.

Individual RGB colors can be mixed at different intensities, creating millions of color possibilities. Optional programmable effects allow you to light discrete areas around the dome to create spectacular motion, flash, and chase sequences.

ChromaCove lighting uses 1-foot segments, mounted in the cove trough at the lower edge of the dome. Each segment has a row of individual LEDs, each capable of displaying any color.



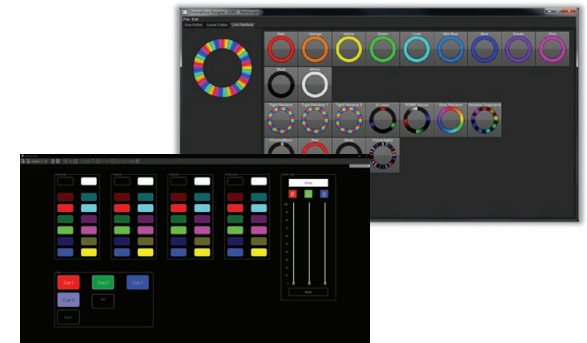
In addition to ChromaCove lighting, we also provide Super Bright White LED lights for cleaning, working, and general room illumination. The lighting meets the standards for classroom use (up to 35 foot candles at the theater seat/desk for reading and activities), allowing the planetarium to be used as a multi-purpose meeting and classroom space.

ChromaCove™ LED Lighting

Super Bright White LED Lighting

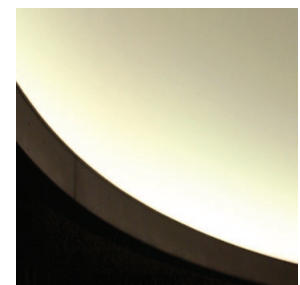
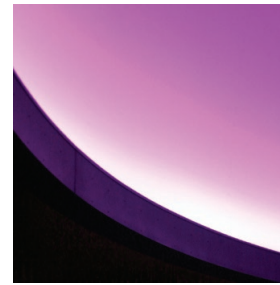
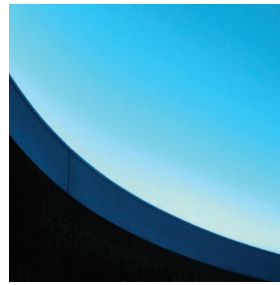
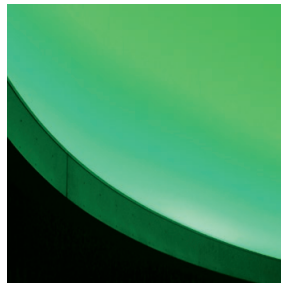
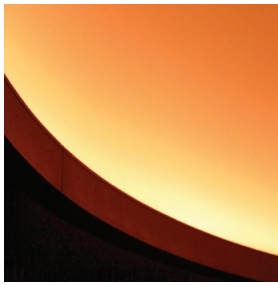
ChromaCove Designer & Digistar Integration

For maximum versatility and easy of use, NanoCove™ LED is integrated with Digistar for powerful, yet easy-to-use lighting design and control. Lighting can be automated with standard theater controls or controlled live from within ChromaCove Designer.



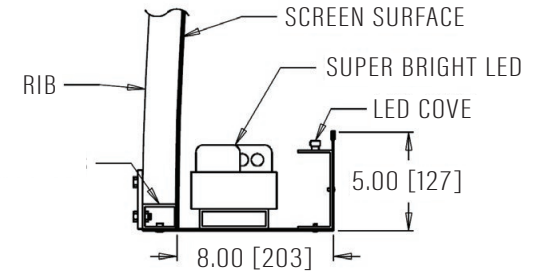
DIGISTAR





ChromaCove Lighting

LED lighting is energy efficient and affordable, with lower power consumption and longer life than any other type of lighting, while providing beautiful, pure, saturated colors. Super Bright LED lighting provides additional brightness where classroom lighting standards must be met. Both types can be incorporated into a single cove trough mounting solution.



	Wattage	Lamp Type	Lamp Life	Electrical Service Requirement			Control	Spacing / Mounting	Color Effects	Maintenance
				30'	40'	50'				
NanoCove RGB LED Lighting by ChromaCove	3.6W per 12" Segment @12V DC	Variable Intensity RGB LEDs	30,000 hrs	1 Circuit 8 Amps	1 Circuit 10 Amps	1 Circuit 14 Amps	Individual segments (programmable) Ganged Colors (non-programmable)	Continuous/ Dome Mount Trough	Additive 16.7 Million Colors (16-bit) Sequence Effects (Programmable)	Very Low
Super Bright LED Lighting	120 lumens per watt	White LED	50,000 hrs	2 Circuit 20 Amps	2 Circuit 20 Amps	2 Circuit 20 Amps	Multiple Switched Lighting Levels	Continuous/ Dome Mount Trough	Brilliant white lighting for classroom use	Very Low



Lighting systems are independently tested and certified to meet industrial safety standards and government regulations.

NanoCove RGB are ETL Listed and conform to ANSI/UL Std. 2108.

Lighting is designed to meet the requirements of UL specifications.



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