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Fiber Optic Starfield Details and Specifications

Auralex specifies and installs a 16 oz. Spectrolite Fiber Optic Curtain. The curtain consists of two layers of heavy duty, certified fire retardant cloth. The facing is a Black Commando Cloth with the lining made of Black Ranger cloth. (Other colors and fabrics are available). Fibers enter the cloth in gathered bundles and are distributed in either random or specified patterns through out the curtain. Individual fibers are secured in place via a proprietary two step glue process. The gathered bundle ends are packed in a protective tubing and bundled into a ferrule bushing to attach to the illuminator fixture(s).



Material Specifications:

Facing	16oz. Black Commando Cloth*
Lining	Black Ranger Cloth
Weight	3lbs per 16 sq. ft.
Fiber Type	PMMA fiber (plastic)
Fiber Size	.75mm

Circuits and Zones

Curtains may incorporate multiple fiber bundles attached to individual illuminators for multiple color and special effects. Each illuminator and corresponding fiber bundle is referred to as a circuit. Circuits are the number of fixtures used to illuminate a single zone. A zone is the maximum area of a curtain containing fiber tips from a single fixture. Multiple circuits allow the mixing of colors in a single zone. For realistic twinkle effects a two circuit curtain is recommended. Zone sizes and points per circuit vary with illuminating fixtures. Compatible illuminators include: Sunrise 75 and Martin Fiber SourceQFX150.

Circuits and zones	Standard fiber count
1 circuit - 1 zone	2.250 per sq. ft.
2 circuits - 1 zone	3.125 per sq. ft.
3 circuits - 1 zone	3.750 per sq. ft.



The ultimate blend of aesthetics and sonic perfection

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Sunrise 75

Standard Illuminator in Auralex-installed Fiber Optic jobs is the SunRise 75 from Advanced Lighting. Specifications are below. Auralex also can specify and install Martin Fiber Source QFX150 (for an additional cost).

Sunrise 75 Specifications:

Construction: Formed CRS housing, black wrinkle powder

Switches: On/off power switch and color wheel switch

Ventilation: 35 CFM fan cooled

Voltages: 120 VAC, 50/60 Hz, .75 amps 240 VAC, 50/60 Hz, .36 amp

Power consumption: 88 watts max.

Lamp: MR-16 EZZ 75 watt max. (4000 hours) 3050 K. or MR - 16 75FO (2000 hours) 3050 K, focused to 15mm active field

Transformer: Electronic

Safety Features: Current protection, 2 amp fuse, and kill switch when cover is opened

Dimensions: 6 1/8" L x 5 13/16" W x 5 7/8" H (713/16" length with feet and 6 1/8" height with feet)

Weight: 6 lbs. dry / 8 lbs. packaged

Warranty: One year (excluding lamp) from initial date of purchase.

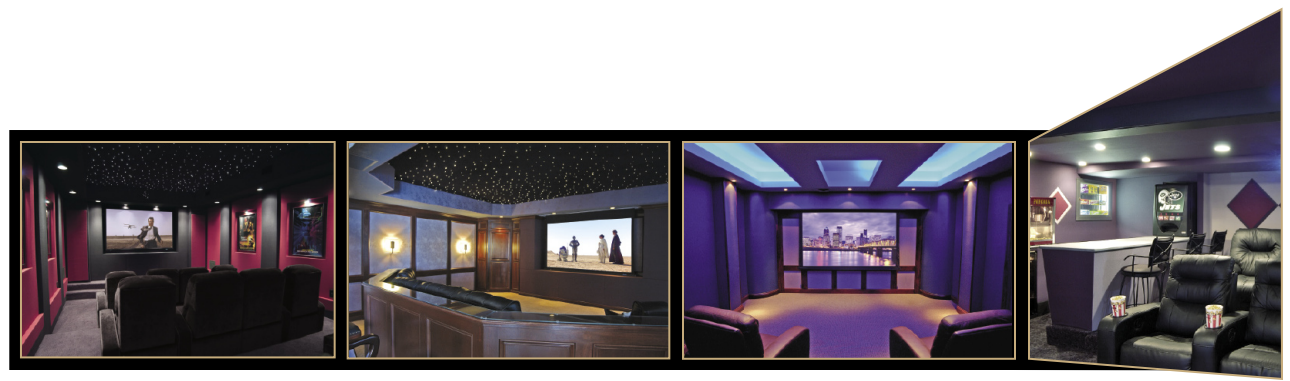


Sunrise 75 Benefits:

- Cool and quiet operation
- Color Change and twinkle capabilities
- Low operating and maintenance costs
- 1500 strand fiber capacity
- Compact and durable construction

Sunrise 75 Technical Data:

VOLTAGE OPTIONS	120	120 VAC, 50/60Hz
	240	240 VAC, 50/60 Hz
COLOR OPTIONS	BW	Blank Wheel
	WL	White Light (no wheel or motor assembly)
	CW	Standard 4 colors, (red, green, blue, yellow)
	CWW	Custom Color Wheel
	TW	Twinkle Wheel
	CTW	Custom Twinkle Wheel
LAMP OPTIONS	EEZ	75W MR16
	75FO	75W Focused Beam
FERRULE OPTIONS	PG	Chassis Mount Compression
	30	Chassis Mount 30mm Ferrule Adapter
	SF	Chassis Mount Teflon Block (solid)
WIRING OPTIONS	S	Standard Configuration
	PD	Lamp wired for direct connection to powered dimmer/switch.
	NPD	Lamp wired for direct connecting to non-powered dimmer/switch.



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Environment

The SunRise™ 75 is designed for indoor applications only and is UL pending accordingly. This illuminator may be installed in a vertical or horizontal position. When planning for power for this illuminator, locate within five feet of the power source. To allow for proper ventilation, provide a twelve inch clearance from all surfaces. When mounting multiple illuminators within close proximity, provide a two foot clearance between each illuminator. The maximum ambient operating temperature is 110degrees F.

Standard lead time for production of Fiber Optic Curtain is 4 – 6 weeks. Pricing may vary based on length of curtain runs, number of panels needed, number of illuminators needed, length of umbilical, and complexity of installation.

All Fiber Optic quotes are an estimate only and may be adjusted once the finished design is agreed upon.

Notes on the ELiTE-CFS installation with Fiber Optic Curtain:

Auralex Acoustics guarantees the quality of installation (fit and finish) will meet or exceed the client's expectations. A finish-of-job walk-thru with the contractor/dealer and client is required before our installers are done.

Auralex Acoustics guarantees the acoustical products (if any) used in the ELiTE Fiber Optic CFS will perform as expected and any manufacturer's defects of the inner acoustical products will be replaced.

Auralex Acoustics does not provide any warranty on the finished curtain fabric other than manufacturer's defect that is noted prior to installation. Auralex does not warranty curtain fabric against post installation environmental effects, rips, stains or any other visual problems.

Auralex Acoustics does not provide any warranty over and above standard issue warranty for SunRise 75 illuminator by Advanced Lighting Systems, Inc. or Martin QFX150 by Martin Lighting. Any environmental occurrence (power surge, lightning strike, etc.) voids available manufacturers warranty.

All client-noted warranty issues referenced above should be directed through the participating contractor/dealer.



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