



LIGHTING COMPANY, INC

Project Name:
STAR CEILING PANELS

Submittal

Fixture Type:
FIBER OPTIC LIGHTING

Approvals:	Date:	Page: 1 of 3
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Product Information:

Fiber Density:

- 3, 4, 5 or 6 Fiber points per sq. ft. can be selected, using a mixture of .75mm, 1.0mm and 1.5mm PMMA end light fiber
- Jacket Type: Megalon S530

Standard Tail Length:

- 4 ft. (Contact manufacturer for more options)

Light Source:

- LED 12V with Twinkle Wheel

Benefits:

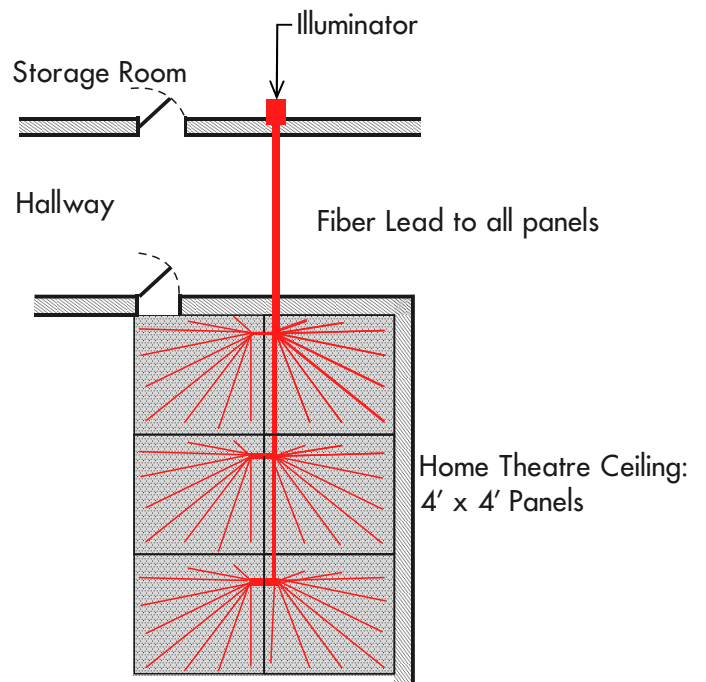
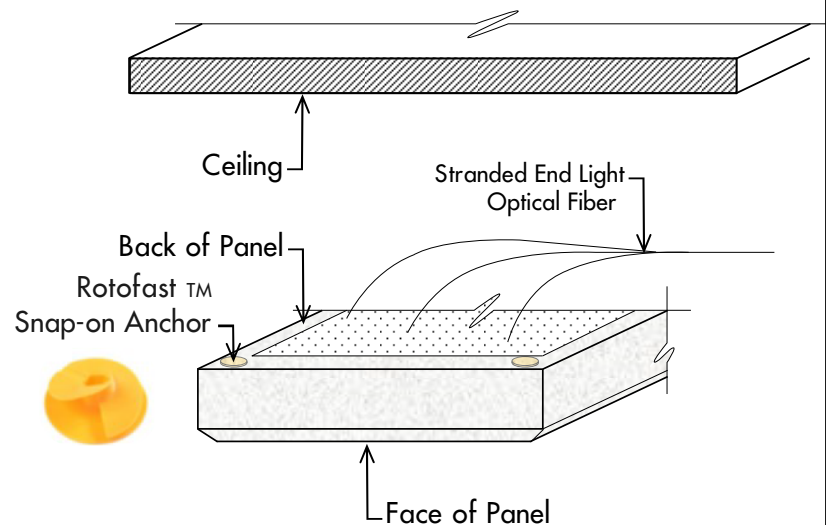
- No Electricity
- No Heat or UV
- No Lamps to Break at Fixtures
- Virtually Maintenance Free

Typical Layout of Home Theatre Ceiling:

- Provide individual 1 1/4" PVC, conduit to guide all optical fiber from star ceiling panels to location of the Illuminators.
- Bundle the fiber optical tails of each star ceiling panel
- Guide maximum 3 bundled tails in one conduit
- Guide fiber tails to illuminators, avoiding tight bends
- Minimum bend radius for 1" diameter stranded fiber optic tail is 8"

Fiber Optic Star Ceiling Panel

Suggested Installation for Cosmo Panel



Reflected Ceiling Plan - NTS



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Product Information:

Infinity Panel

Material: Rigid foamed PVC, closed-cell matte finish, light in weight

Core: 10mm (3/8") thickness

Finish: Painted or Unpainted

Fire Rating: Flammability rating UL 94 -V0

Sizes:

2 ft x 2 ft. x 3/8"

4 ft. x 4 ft. x 3/8"

4 ft. x 8 ft x 3/8"

Paint Colors: Black or Navy

(Contact manufacturer for more options).

Cosmos Panel

Type: Acoustical Panel

Finish: Faux suede cloth, bonded directly to panel

Sizes:

2 ft x 2 ft. x 3/8"

4 ft. x 4 ft. x 3/8"

4 ft. x 8 ft x 3/8"

Core: 6-7 pcj compressed fiberglass, with reinforced edges

NCR: 0.80

Fire Rating: All panels meet or exceed Class "A" requirements as determined by ASTM E-84 Tunnel Test

Colors: Black or Navy (Contact manufacturer for more options)

Galaxy Panel

Finish: Painted or Unpainted

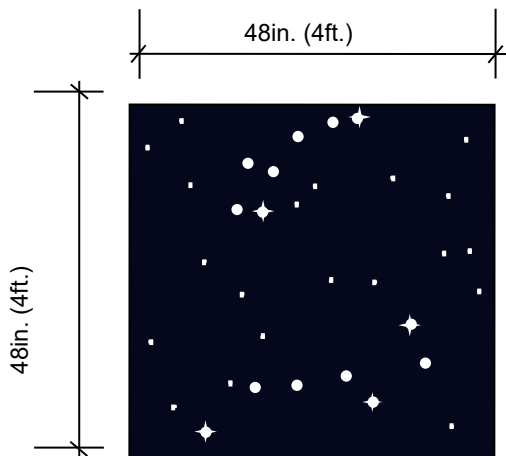
Fire Rating: Flammability rating UL 94 -V0

Sizes:

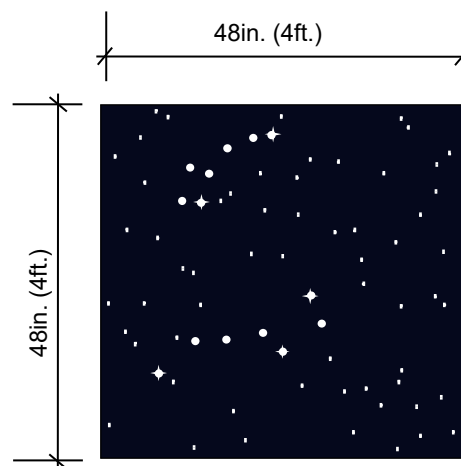
2 ft x 4 ft. x 5/8" and 2ft. x 2ft. x 5/8"

Colors:

Black (Contact manufacturer for more options)



Example of Star Ceiling Panel
 4 Points per sq. ft. - 64 fiber points includes Star Constellations, Big Dipper & Small Dipper (Ursa Major & Ursa Minor)



Example of Star Ceiling Panel
 6 Points per sq. ft. - 96 fiber points includes Star Constellations, Big Dipper & Small Dipper (Ursa Major & Ursa Minor)



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STAR CEILING PANELS - STAIR EDGES
HOME THEATRE INSTALLATION

