

### Specifications:

#### Fiber Density:

- 3, 4, 5 or 6 fiber points per square foot can be selected, using a mixture of .75mm, 1.0mm and 1.5mm PMMA end light fiber

#### Standard Tail Length:

- 4 feet (*Contact manufacturer for more options*)

#### Light Source:

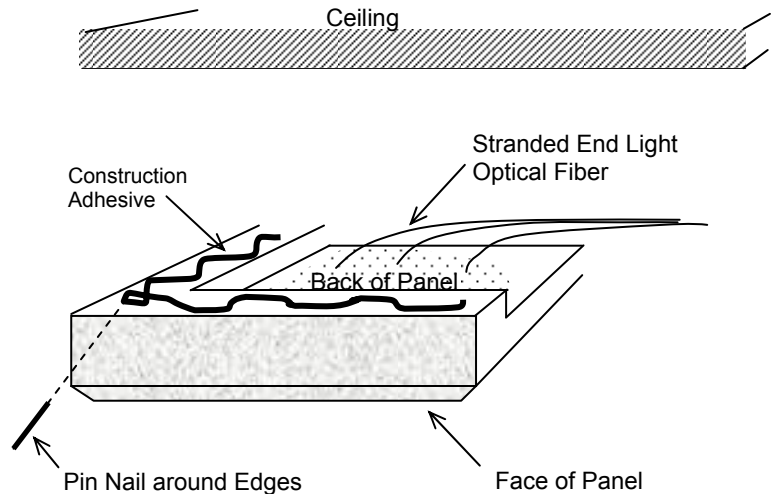
- LED 12V with Twinkle Wheel
- 71W Halogen MR16 120V with Twinkle Wheel

#### Benefits:

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

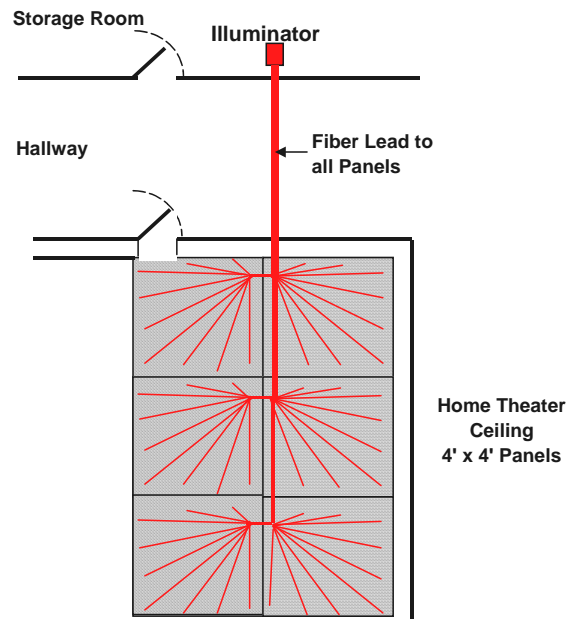
### Fiber Optic Star Ceiling Panel

Suggested Installation for Cosmo Panel



### Typical Layout of Home Theater 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"



### Specifications:

#### Infinity Panel

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

**Core:** 10mm (3/8") thickness, with reinforced edges

**Finish:** Painted or Unpainted

**Fire Rating:** Flammability rating UL 94 -V0

**Sizes:** 4 ft. x 4 ft. x 2 in.

4 ft. x 8 ft x 2 in.

6 ft. x 6 ft. x 2 in.

8 ft. x 8 ft. x 2 in.

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

#### Cosmos Panel

**Type:** Acoustical panel

**Finish:** Faux suede cloth, bonded directly to panel surface

**Size:** 4 ft. x 4 ft. x 2in. (Custom sizes available)

**Core:** 6-7 pcf 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

**Type:** T-Bar or Grid System: Armstrong Fine Fissured Square Lay-in

**Rating:** Class "A" - Flame Spread rating of 25 or less.

**Size:** 2 ft. x 4 ft. x <sup>5</sup>/<sub>8</sub> in. and 2 ft. x 2 ft. x <sup>5</sup>/<sub>8</sub> in.

**Colors:** Black (Contact manufacturer for more options)

Example of Star Ceiling Panel – with 4 points per sq. ft.  
with Star Constellation Big Dipper & Small Dipper (Ursa Major & Ursa Minor)

- 4 points per sq/ft - 64 fiber points

Example of Star Ceiling Panel – with 6 points per sq. ft.  
with Star Constellation Big Dipper & Small Dipper (Ursa Major & Ursa Minor)

- 6 points per sq./ft. – 96 fiber points

