

# Fiber Optic Dimensional Light-Effect System

Light and Motion Decorative Treatments

HOTEL

CASINO

NIGHTCLUB

RESTAURANT

RESIDENTIAL

HOME THEATRE

# Starfield

# Specifications

## FIBER OPTICS

### CREATE SIGNS AND NIGHTTIME STARLIT SKY-EFFECTS IN CEILINGS AND GRAPHIC DISPLAYS.

STARFIELD™ consists of individual fiber optic strands mounted into a two dimensional display.

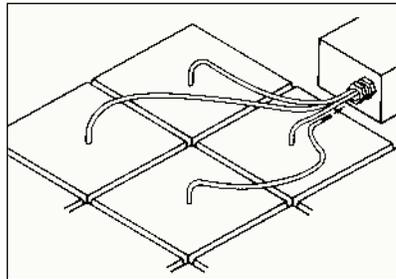
Individual fibers are mounted through holes in a face material and are viewed end on, simulating star-like points of light.

Create signs and graphic displays by proper arrangement of the individual points.

There are two methods of creating a STARFIELD system: The MODULAR method and the FIELD method.

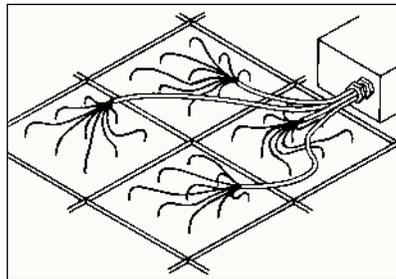


#### MODULAR METHOD



The MODULAR method consists of prepared panels of a given size containing factory mounted fiber optic strands. The panels, which may be of virtually any material, are integrated together to create the desired display. The fibers emerge from each panel in a jacketed cable. This cable terminates in a connector for insertion into the illuminator. This method allows for the cleanest and most straightforward installation, requiring little field labor or expertise.

#### FIELD METHOD



The FIELD method consists of a fiber bundle that is premounted into a special connector for insertion into the illuminator. The fibers are contained within a jacket, but the ends are left free to be inserted in the field into predrilled holes in the display. Field method allows the retrofitting of fibers into pre-existing structures.

Face materials may be of virtually any type: mineral board, wood, metal, plastic, etc.

#### REQUIRED SPECIFICATIONS:

1. Exact dimensions of the desired display.
2. Determination of the number of fiber points. This is usually specified as a density value. We recommend 3-15 points per square foot. The fibers are available in several different diameters. See fiber size table below. It is common to mix fiber sizes within a display.
3. Determination of the number and location of the illuminator. They should be placed as close as possible to the display. Fiber lengths should be limited to a maximum of 30'. The illuminator table below shows the capacities of bundles in various configurations.

#### Fiber Size

30 Mil	40 Mil	60 Mil
.75 mm	1.0 mm	1.5 mm

Actual fiber sizes shown.

#### Illuminators

CAT NO	DIMENSIONS	WEIGHT	MAXIMUM FIBER CAPACITY		
			30 Mil	40 Mil	60 Mil
FOP 1	5.5" x 10" x 13"	18 Lbs	850	450	210
FOP 2	5.5" x 10" x 13"	22 Lbs	1700	900	420

FOP 1: 1-85 Watt halogen lamp, single port. FOP 2: 2-85 Watt halogen lamps, dual port.  
Sparkle or color wheel included.

