

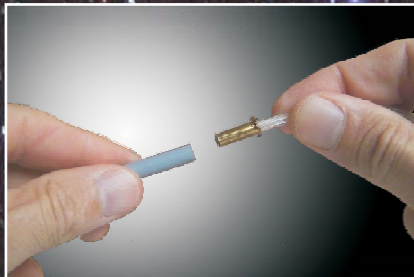
StarScape Harness System

Pre-measured, factory finished harness for quick, hassle-free installations



The StarScape system is comprised of three components: the light source, a SOL-R 3575 reconfigurable quartz halogen power supply which accepts 35, 50, or 75W 12 volt MR16 lamps, the preassembled and polished extension harness and various star bundles. 16 standard stocked parts can create star fields ranging in size from 100 to 1200 sq feet in area, with densities ranging from .5 to 5 stars per sq foot.

After the Star bundle is mounted in the ceiling panel, it plugs into the extension harness. Installations now take less time, they're easier to plan, execute and last longer when compared to traditional installation methods.



The unique engineered design allows the installer to mount the star system to the ceiling before installing it, making new installations fast and simple. For pre-existing construction, working with pre-cut and terminated 24" long star bundles make installation

quicker without the spaghetti mess and constant back-and-forth movement that slows down progress.

At last, a star ceiling system that combines the quality and speed of a standard kit, with the versatility and simplicity of a custom job!

FEATURES

- Standard off-the-shelf system accommodates room sizes from 100 (9.29M) to 1176 (109M) sq ft. Larger sizes and special shapes are easily designed and quoted.
- Star density from .5 to 5 stars per Sq Ft. (.092M) for a soothing natural effect or secondary ambient lighting.
- Separate harness and star bundles allow the drilling and mounting to be done on the floor or in the shop. Once in place, star bundles are "plugged in to the extension harness....no tools required, minimal time spent in tight spaces, much less mess and confusion - a HUGE time savings!
- Pre-finished harness assemblies provide optimal coupling efficiency. Extra length allows the light source to be mounted in closet or wall panel...great for the end user!
- 110 volt long-life Quartz Halogen light source provides 35-75 watts of fan cooled illumination power. CSA certified safe operation and low power consumption.
- LED light source optional - Rated for at least 10,000 hours. never change a lamp again!
- Twinkling effect optional.



CORPORATE HEADQUARTERS

fiberoptics technology incorporated
Established 1977

1 Quassett Road, Post Office Box 286, Pomfret, Connecticut 06258

PHONE 800.433.5248 • FAX 860.928.7664 • WEBSITE: www.fiberoptix.com • E-MAIL: info@fiberoptix.com



StarScape

Harness System Overview

P/N	Maximum Coverage Tails per Common			Number of tails per length						
	Sq Ft	Harness	Section/ft.	A7'	B11'	C13'	D16'	E18'	F21'	G24'
FTISC17176	140	35	15	26	9					
FTISC17177	200	50	16.5	26	24					
FTISC17178	320	80	17.5	26	24	10	16	4		
FTISC17202	496	124	22	26	42	22	22	12		
FTISC17179	640	160	23	30	48	24	24	26	8	
FTISC17180	792	198	24	30	52	38	32	30	16	
FTISC17181	936	234	25	30	52	46	44	38	24	
FTISC17203	1176	294	26	30	52	46	56	62	48	12

Each extension harness is designed to provide coverage to the walls of any 4 sided area or circle within the coverage area of the harness.

Each tail is color coded and coiled to identify length and eliminate tangling. Extra tails can be left as is, or plugged with a short length of 3/16" dowel to limit stray light. A sheathed common section (common section) provides ample length to position and locate the light source.

P/N	Stars sq/ft	#of fibers in bundle	Tail length	.75mm	.5mm
FTISC17182	0.5	2	24"	1	1
FTISC17183	1	4	24"	2	2
FTISC17184	2	8	24"	4	4
FTISC17185	3	12	24"	6	6
FTISC17186	4	16	24"	8	8
FTISC17187	5	20	24"	10	10

Each star bundle has enough length to locate its connection point in the center of a 2 ft. square, while allowing the installer to push the fibers through the ceiling panel where they can be made flush to the exposed surface, or left untrimmed to add depth.

P/N	Description
FTIII16867	SOL-R 3575 12V power supply
FTIII16932	Light source lamp 75W, 12.0V EYC
FTIII16929	Light source lamp 50W, 12.0V ELP 36°
FTIII16931	Light source lamp 35W, 12.0V ELP 36°

How StarScape is used: (existing construction)

Working from the center, the room area is divided into a 2x2 ft grid. Star holes are drilled per the star density and pattern plan (not supplied), using .031 and .022 (.75mm and .5mm) drill bits.

After all star bundles are installed, the extension harness is positioned to have the junction point of all tails (Where the tails exit the common sheath) in the center of the area.

Working from the perimeter, each color coded tail is uncoiled and connected to each star bundle.

For ease of installation and lamp changing, the extension harness has a sheathed common section, providing extra length to locate the light source in a closet or enclosure.

Electrical connection and convenience on/off switch (not supplied) are installed, and the project is complete!

The system is even easier to use with new construction!

Planning with StarScape

Calculate and compare the area of the room with the maximum coverage area in the chart on the left. Select the first harness larger than the room area.

EXAMPLE: Area of (18x24) room - 432 Sq ft. Proper harness would be 124 tail unit.

Divide the room area by 4 to determine the number of star bundles required.

EXAMPLE: 432/4 =108 star bundles.

Decide on the star density you plan to use. For this example, we'll choose 2 stars/sq ft.

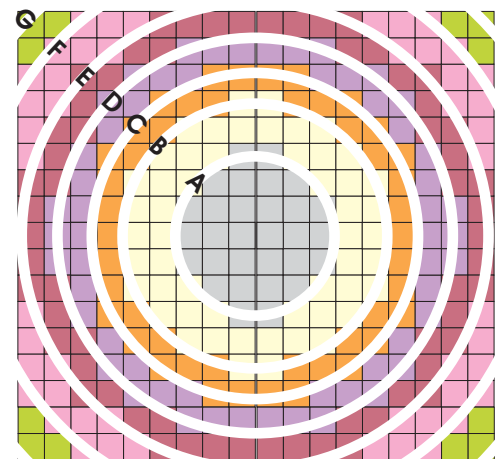
To do this job, you would need:

- (1) FTISC17202 Extension Harness
- (108) FTISC17184 Star Bundles
- (1) FTIII16867 SOL-R3575 Power supply
- (1) FTIII16931 50W lamp.

For better light control, install a regular dimmer, wired per the instructions included with the light source.

Power Supply Specifications	
Maximum Rated Power Output	75watts
Minimum Rated Power Output	20watts
Input voltage rating 60 Hz	120 VAC
Output Voltage	11.5 volts
Input-Amps	0.63
Output Amps	6.3
Cord Length	10 Feet
Temperature Range: Operating	0° to 40° C
Storage	25° to 85°C
Relative humidity, Non Condensing	5% to 80%

*-Specifications subject to change without notice



Extension harness tails are color coded to identify length. Use the grid above and the harness chart (Top left) to identify length by color.



CORPORATE HEADQUARTERS

fiberoptics technology incorporated
ESTABLISHED 1977

1 Quassett Road, Post Office Box 286, Pomfret, Connecticut 06258
PHONE 800.433.5248 • FAX 860.928.7664 • WEBSITE: www.fiberoptix.com • E-MAIL: info@fiberoptix.com