

# StarScape

Pre-populated ceiling tile system

Ready to hang acoustic tiles make professional installation quick & hassle-free!



Select from Beveled, Tegular, and Square edged tile profiles in a variety of colors.



The tile to the left is an actual sample, and the theatre above is an un-retouched photo using 3 stars/sq ft.

When installed, each adjacent tile is oriented at 90 degrees to the previous panel, creating a random star pattern.

The engineered system requires the installer to run 120V power to the ceiling area, install and connect the pre-loaded ceiling tiles, and plug in the power cord.

The system is extremely user friendly, and fast, producing a very realistic effect.

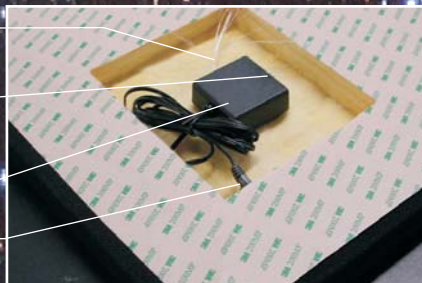
Starscape ceiling tiles are comprised of four components: Fabric covered acoustic tile, an ultra bright LED light source, a pre-installed, polished star bundle, and a wired connector long enough to connect power to the

**Star Bundle**

**Daisy chain Power plug**

**LED Housing**

**Power Plug**



The ultimate in ease for installing ceiling systems. Combines speed and convenience with the versatility of a custom job!

## FEATURES

- Plug and play, pre-populated 2x2 or 2x4 acoustic tile system installs simply. For suspended ceiling installation, just drop the panel into the grid and plug into the last tile placed. For hard wall ceilings, mount the supplied clips to the panel and ceiling, then latch the panel securely in place. (See installation guide) Large areas and special shapes are easily designed and quoted.
- Star density from 3 to 7 stars per Sq Ft.
- LED light source on each panel provides great color/intensity. Failure of one light supply will not effect the remaining ceiling. Estimated lifetime is over 40,000 hrs virtually eliminating normal maintenance.
- NRC acoustic rating .8
- Class A fire rating.
- Tiles are fabric wrapped in most colors. Black is stocked.
- Tiles can be trimmed to fit around irregular shapes and remaining spaces.
- Twinkle and/or shooting star options are available by adding dedicated harness(es) to the tile system (during installation).



CORPORATE HEADQUARTERS

***fiberoptics technology incorporated***  
Established 1977

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## Acoustic Panel System

P/N	Description	Edge Finish	Panel Type F or S	Stars /Sq Ft	Design Type*		
					S	B	T
FTISC20384-2	1" thick (2x2) panel	Wrapped	Flush	2	√		
FTISC20384-3	1" thick (2x2) panel	Wrapped	Flush	3	√		
FTISC20384-4	1" thick (2x2) panel	Wrapped	Flush	4	√		
FTISC20387-2	1" thick (2x4) panel	Wrapped	Flush	2	√		
FTISC20387-3	1" thick (2x4) panel	Wrapped	Flush	3	√		
FTISC20387-4	1" thick (2x4) panel	Wrapped	Flush	4	√		
FTISC20390-2	1" thick (2x2) panel	Exposed	Suspended	2	√		
FTISC20390-3	1" thick (2x2) panel	Exposed	Suspended	3	√		
FTISC20390-4	1" thick (2x2) panel	Exposed	Suspended	4	√		
FTISC20930-2	1" thick (2x4) panel	Exposed	Suspended	2	√		
FTISC20930-3	1" thick (2x4) panel	Exposed	Suspended	3	√		
FTISC20930-4	1" thick (2x4) panel	Exposed	Suspended	4	√		
FTISC20393-2	1" thick (2x2) panel	Exposed	Suspended	2		√	
FTISC20393-3	1" thick (2x2) panel	Exposed	Suspended	3		√	
FTISC20393-4	1" thick (2x2) panel	Exposed	Suspended	4		√	
FTISC20931-2	1" thick (2x4) panel	Exposed	Suspended	2		√	
FTISC20931-3	1" thick (2x4) panel	Exposed	Suspended	3		√	
FTISC20931-4	1" thick (2x4) panel	Exposed	Suspended	4		√	
FTISC20865-2	1" thick (2x2) panel	Exposed	Suspended	2			√
FTISC20865-3	1" thick (2x2) panel	Exposed	Suspended	3			√
FTISC20865-4	1" thick (2x2) panel	Exposed	Suspended	4			√
FTISC20932-2	1" thick (2x4) panel	Exposed	Suspended	2			√
FTISC20932-3	1" thick (2x4) panel	Exposed	Suspended	3			√
FTISC20932-4	1" thick (2x4) panel	Exposed	Suspended	4			√
FTISC20393	120V to 12V plug in Power supply for up to 150 tiles						

\*Design Type - S - Square; B - Beveled; T - Tegular (stepped)

### How StarScape tiles are installed:

Install a switched outlet above the finished height of the suspended ceiling. The location of the outlet should be within three feet of where the first tile will be installed.

If you're mounting tiles in a room with an existing ceiling, use the supplied hangers, to mount the panel to the existing ceiling. Before installing the first tile, make sure the power cord coming from the tile is uncoiled and hanging over the edge of the tile. Be sure to plug the transformer into the switched outlet and the tile before hanging the tile.

Once the first tile is in place, install the next tile, plugging the cord hanging from the previously installed tile into the next tile. Rotate the tile 90 degrees from the first tile; this will insure the star pattern remains random.

When you get to the end of a row, you may be required to cut a tile to fit. Simply remove the fibers from the affected area and cut the tile to size. Leave the extra fibers loose in the ceiling.

Using this system, you can install a high quality star field in the same time it takes to hang a ceiling, without ANY extra measuring, cutting, drilling, taping, gluing, routing, or crawling.



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### Planning with StarScape

Calculate and compare the area of the room with the maximum coverage area in the chart on the left.

**EXAMPLE:** Area of (13x15) room - 195 Sq ft. Requiring a black flush-mount tile with 3 stars per square foot.

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

**EXAMPLE:** 195/4 =48.75 tiles.

Round up and add 5% for waste and mistakes.

**EXAMPLE:** 48.75 tiles rounds up to 49 tiles. Add 5% = 2.45 Tiles = 3 extra tiles.

#### To do this job, you would need:

- (52) FTISC20388 Tiles
- (1) FTISC20393 Power supply

Power Supply Specifications	
Maximum Rated Power Output	87.5mW
Minimum Rated Power Output	70mW
Input voltage rating 60 Hz	120VAC
Output Voltage	5 volts
Input Amps	3A
Output Amps	<b>20mA</b>
Cord Length	6 Feet
Temperature Range: Operating	0° to 40° C
Storage	25° to 85° C

\* -Specifications subject to change without notice

LED Specifications	
White LED - Average output	9000mcd

\* -Specifications subject to change without notice

Tile Specifications	
Acoustic Rating	.8
Fire Rating	Class A

\* -Specifications subject to change without notice

### Ceiling larger than 600 sq feet?

Not a problem for this engineered system.

When planning the electrical, make sure to run a dual switched outlet to the ceiling. Connect the first 150 tiles as mentioned in the installation overview.

Plug a second transformer into the second outlet with an extension cord, and continue installing tiles, up to 600 additional square feet (150 additional tiles).