

# Elliptical LED Luminous SkyCeiling



## Specifications

- Lighting (LED back pan):**  
CNC formed code gauge aluminum  
5-stage pretreatment  
Powder coated gloss white  
750 HR salt spray test  
Built-in safety hanger wire attachment points  
Designed for easy access to service electrical components
- Luminous SkyTile (lens):**  
Acrylic, Acrylite, or polycarbonate substrate  
Lightweight & durable  
High resolution reproduction from proprietary digital image file  
Color-calibrated for 6500 Kelvin light source  
Non-glare matte finish  
Fade resistant pigmented inks containing UV inhibitors  
Designed to fit Luminous SkyTile Standard Elevator
- Luminous SkyTile Standard Elevator (frame):**  
Light weight  
Quick and easy installation  
Moisture resistant  
Powder coated, white matte finish to match standard grid  
Compatible with standard 15/16" grid systems  
Precision machined corners, seamless architectural appearance

### Electrical:

Supplied with Sky Factory LSC 24PS Power System  
Proprietary system which converts 90-264V AC to 24V DC  
See LSC 24PS Power System Technical Specifications  
Dimmer Option Available  
Code gauge TFN wire used throughout, rated for required temperatures  
Pre-wired 24V DC power cables for easy connection  
24V DC input power connection: push-in terminals for 12-16 AWG wire  
Shielded Environments: RF filters supplied by others

### Power Consumption (Amps):

ELLIPSE (X AND Y AXES)					
	5' x 9'	6' x 8'	6' x 10'	8' x 12'	9' x 12'
WATTS	196.8	230.4	271.2	432	489.6
UL/CSA					
AMPS @ 115/230VAC	2.5/1.5	2.5/1.5	6.5/3.5	12/7.5 <sup>1</sup>	8.8/4.2
CE					
AMPS @ 115/230VAC	2.5/1.5	2.5/1.5	6.5/3.5	8.8/4.2	8.8/4.2

### Lamps:

120 high-efficiency white LEDs per 2'x2' fixture  
6500 Kelvin light temperature – cool daylight  
80,000 hour rated life (80% @ 40,000 hrs.)

### Installation:

Elevators and tiles easily installed into standard 15/16" grid systems.  
Elliptical SkyCeilings are designed to be recessed into a variety of hard ceilings.

### Factory Installed Options:

Seismic

### US Patent Information:

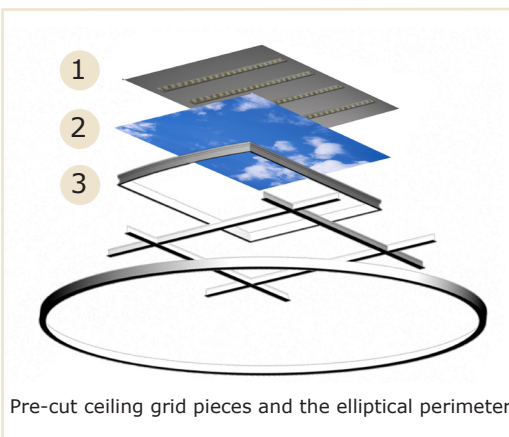
### US Patent Information:

Our products, systems, and methods may be protected by one or more of the following US Patents: Pat. 9,164,011, Pat. 8,851,700, Pat. 7,959,316, and Pat. 7,481,550, as well as other patents pending.

## LSC Elliptical LED

### Ceiling Grid Mount

### Backlit Sky Image Ceiling

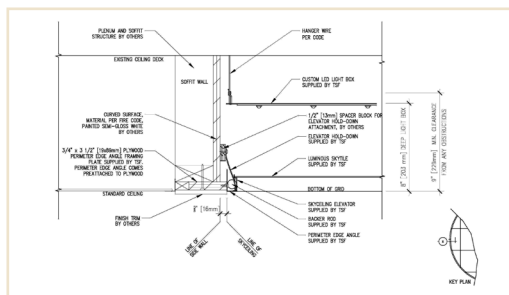


Pre-cut ceiling grid pieces and the elliptical perimeter

## Key Attributes:

15/16" ceiling grid mount  
High-efficiency white LEDs  
24 watts, 2400 lm/2'x2' fixture  
6500 Kelvin – cool daylight  
Non-ferrous, RF-free construction

## Dimensional Data



## Sample Configurations

