

### SPECIFICATIONS

- Lighting (LED light-box):**  
 EcoSlim unit sits on, and clipped to, Luminous SkyTile Elevator with seated Luminous SkyTile  
 ES22 - 23.75" x 23.75" x 3.5" deep nominal (includes Elevator & SkyTile)  
 ES22M - 59.14cm x 59.14cm x 7.87cm deep metric (includes Elevator & SkyTile)  
 ES22G - 61.64cm x 61.64cm x 7.87cm deep German Metric (includes Elevator & SkyTile)  
 Light output: 2480 lumens/unit  
 Color temperature: 6500K  
 Strict LED binning standards and constant current LED driver circuits assure consistent & high quality illumination  
 State of the art edgelit technologies provide uniform, blemish-free illumination for the Luminous SkyTile graphic  
 Housed in a clear anodized, extruded (non-ferrous) aluminum frame  
 Moisture and chemical resistant  
 Each unit has 15' (4.57m) power cable  
 Use in MRI, and other RF-free environments

- Luminous SkyTile (lens):**  
 Lightweight & durable  
 Hi-res digital reproduction from proprietary large format film library  
 Color-calibrated for 6500 Kelvin light source  
 Non-glare matte finish  
 Fade resistant pigmented inks containing UV inhibitors  
 Designed to fit Luminous SkyTile Elevator

- Luminous SkyTile Elevator (frame):**  
 Light weight aluminum  
 Quick and easy installation  
 Moisture resistant  
 Powder coated, white matte finish to match standard grid  
 Compatible with standard 15/16" or 24mm grid systems  
 Precision machined corners, seamless architectural appearance

#### UL, CSA, and CE Certified:

ES22, ES22M and ES22G when used with 24PS Power System fully certified by MetLabs, Inc.  
 ES22, ES22M and ES22G when used with dimmable 24PS Power System fully certified by MetLabs, Inc.

#### Electrical:

24V DC, 1.1 Amps, 26.4 Watts per unit of the ES22 series  
 0.6 Amps @ 115V AC, 0.3 Amps @ 240V AC per unit of the ES22 series  
 (ie. 10 units require 6 Amps @ 115V AC)  
 Units powered by proprietary 24V DC power system, which converts 90-264V AC to 24V DC  
 Comes in various electrical sizes:  
 2-25A @ 115V AC input (2.5-44A, 60-1500W @ 24V DC output)  
 Provides up to 4 individual 24V DC 12A fused branch circuits  
 Size/output is determined by quantity of units of the ES22 series  
 (calculated and supplied by The Sky Factory)  
 Dimming option available  
 See LSC 24PS Power System Technical Specifications sheet  
 Items not provided:  
 AC wiring between fuse/breaker panel and 24V DC power system  
 DC wiring between 24V DC power system and EcoSlim units  
 Dimmer wiring between 24V DC power system and switch/dimmer control box  
 RFI/EMI filters for MRI installations  
 See EcoSlim SkyCeiling With Dimmer Option Installation Instructions,  
 EcoSlim SkyCeiling With Dimmer Option Electrical Drawing Packet, and  
 The Sky Factory 24PS 24V DC Power System With Dimmer Option

#### Ceiling Clearance Dimensions:

Space required above ceiling grid ranges from 3.5" (7.87cm) – 9" (21cm) depending on extent of EcoSlim pre-assembly before installation in grid, and access to adjacent grid sections

#### Weight:

Installed weight of fully assembled ES22, ES22M or ES22G is 11.3 lbs. (5.13kg)

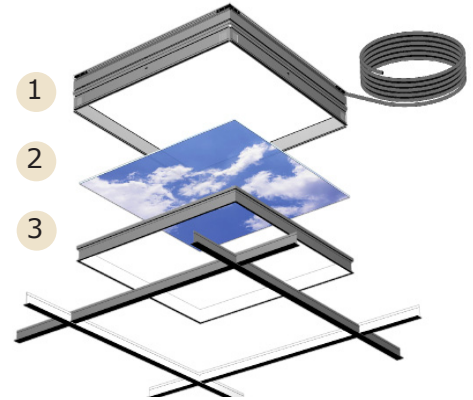
#### Installation:

Elevators, tiles and luminaires easily installed into standard 15/16" or 24mm grid systems.  
 ES22 series cannot be grouped with ES24 series EcoSlim fixtures.  
 EcoSlim Rectilinear SkyCeilings with perimeter can be recessed into a variety of hard ceilings.

#### Factory Installed Options:

Seismic

### LSC ES22, ES22M, ES22G EcoSlim LED

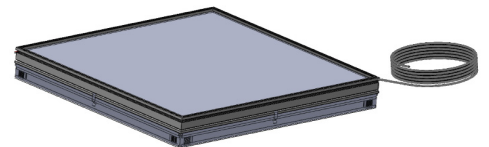


Client-provided standard ceiling grid system

#### Key Attributes:

15/16" (24mm) ceiling grid mount  
 Low profile – 3.5" (7.87cm) high  
 6500 Kelvin – cool daylight  
 Non-ferrous, RF-free construction

### DIMENSIONAL DATA



Length: 23.75" x Width: 23.75" x Depth: 3.5"  
 Length: 59.14cm x Width: 59.14cm x Depth: 7.87cm  
 Length: 61.64cm x Width: 61.64cm x Depth: 7.87cm

### SAMPLE CONFIGURATIONS

