

SPECIFICATIONS

- Lighting (LED light-box):**
 EcoSlim unit sits on, and clipped to, Luminous SkyTile Elevator with seated Luminous SkyTile
 ES24 - 23.75" x 47.75" x 3.5" deep Imperial (includes Elevator & SkyTile)
 ES24M - 59.14cm x 119.14cm x 7.87cm deep Metric (includes Elevator & SkyTile)
 ES24G - 61.64cm x 124.14cm x 7.87cm deep German Metric (includes Elevator & SkyTile)
 Light output: 3820 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 painted (flat white), 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", 24mm grid systems
 Precision machined corners, seamless architectural appearance

UL, CSA, and CE Certified:

ES24, ES24M and ES24G when used with 24PS Power System fully certified by MET Labs, Inc.
 ES24, ES24M and ES24G when used with dimmable 24PS Power System fully certified by MET Labs, Inc.

Electrical:

24V DC, 1.7 Amps, 40.8 Watts per unit of the ES24 series
 0.9 Amps @ 115V AC, 0.45 Amps @ 240V AC per unit of the ES24 series
 (ie. 10 units require 9 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 ES24 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 ES24, ES24M or ES24G is 20.6 lbs. (9.34kg)

Installation:

Elevators, tiles and luminaires easily installed into standard 15/16" or 24mm grid systems.

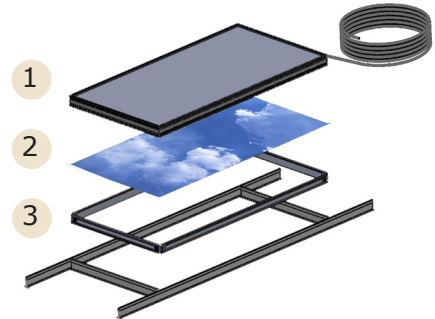
ES22 series cannot be grouped with ES24 series EcoSlim fixtures.

EcoSlim Rectilinear SkyCeilings with perimeter can be recessed into a variety of hard ceilings.

Factory Installed Options:

Seismic

LSC ES24, ES24M, ES24G EcoSlim LED

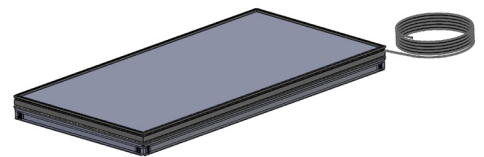


Client-provided standard ceiling grid system

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: 47.75" x Depth: 3.5"
 Length: 59.14cm x Width: 119.14cm x Depth: 7.87cm
 Length: 61.64cm x Width: 124.14cm x Depth: 7.87cm

SAMPLE CONFIGURATIONS

