

EP24 Series Specifications

EcoPlus light box with attached Luminous SkyTile sits on, and is clipped to, standard Elevator

EP24 - 23.75" x 47.75" x 7.25" deep nominal (includes Elevator & SkyTile)

EP24M - 59.14cm x 119.14cm x 18.5cm deep metric (includes Elevator & SkyTile)

EP24G - 61.64cm x 124.14cm x 18.5cm deep German Metric (includes Elevator & SkyTile)

1 Lighting (EcoPlus LED back lit light box):

Color temperature: 6500K

Strict LED binning standards assure consistent & high quality illumination

State of the art back lit technologies provide uniform illumination

for the Luminous SkyTile graphic

Housed in a white powder-coated, extruded (non-ferrous) aluminum frame

Moisture and chemical resistant

Each unit has a four knock-out junction box

Use in MRI, and other RF-free environments

2 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

3 Luminous SkyTile Elevator (frame):

Moisture resistant, light weight aluminum

Quick and easy installation

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:

EP24 Series when used with 24PS HLG Power System, LSC 24PS Power System,

UL Listed or CE Compliant power supply fully certified by Intertek Group plc

Electrical:

24V DC, 1.96 Amps, 47.0 Watts per EP24 Series fixture

Sky Factory 24PS HLG Power System

Converts 90-305V AC to 24V DC

Available sizes: 40W,60W,80W,100W,120W,150W,185W,240W,320W,600W

Size and quantity per installation calculated by Sky Factory

Up to three power systems can be used with single dimmer

Power system aluminum enclosure

Mounted on baseplate with junction box on input and output ends

See 24PS HLG Power System Technical Specifications sheet

Sky Factory LSC 24PS Power System

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 12A fused branch circuits

Size/output per installation calculated by Sky Factory

Power system enclosure with NEMA 1 rating

Dimming option available

See LSC 24PS Power System Technical Specifications sheet

Sky Factory provided HLG dimmable power supply

Converts 90-305V, 47-63 Hz to 24V DC

Client provided UL Listed or CE Compliant power supply

Must convert V AC to 24V DC

Items not provided:

AC wiring between fuse/breaker panel and 24V DC power system

DC wiring between 24V DC power system and EcoSlim light box

Dimmer wiring between 24V DC power system and switch/dimmer control box

RFI/EMI filters for MRI installations

See Standard w/ EcoPlus Installation Instructions; and,

Standard w/ EcoPlus Electrical Packet (24PS HLG), Electrical Packet (TSF), Electrical

Instructions (HLG) or Electrical Instructions (ES Only)

Ceiling Clearance Dimensions:

Minimum space required above ceiling grid ranges from 7.25" (18.5cm) – 11" (28cm)

depending on extent of fixture pre-assembly before installation in grid,

and access to adjacent grid sections

Installation:

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

EP24 Series can be grouped with EP22 Series fixtures.

Standard EcoPlus SkyCeilings with perimeter can be recessed into a variety of hard ceilings.

Factory Installed Options:

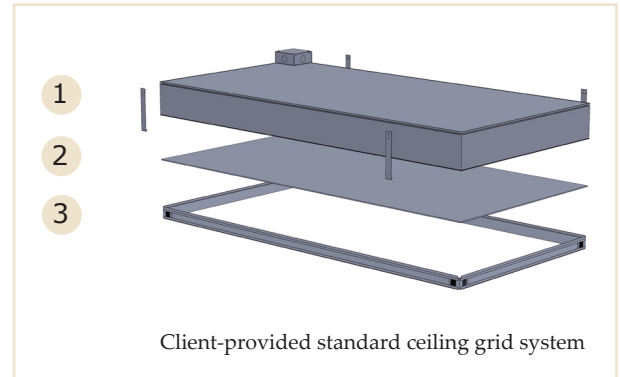
Seismic

Standard LSC EP24 Series

LSC EP24, EP24M, EP24G

Ceiling Grid Mount

Back Illuminated Sky Image Ceiling



Key Attributes:

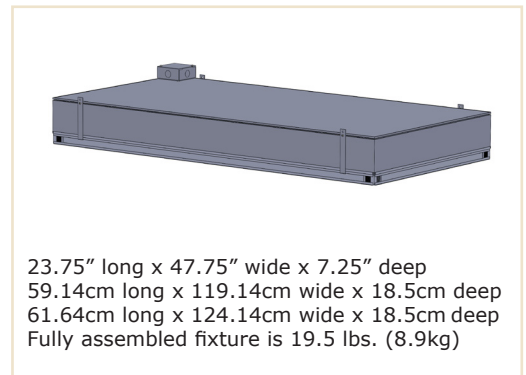
15/16" (24mm) ceiling grid mount

Low profile – 7.25" (18.5cm) high

6500 Kelvin – cool daylight

Non-ferrous, RF-free construction

Dimensions and Weight



Configurations:

For sample configurations, go to skyfactory.com

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.