

Luminous SkyCeilings Revelation EcoSlim LED



CONFORMS TO:
ANSI/UL STD 2108
CERTIFIED TO: CAN/CSA
STD C55.5 No. 250.0



ES33 Series Specifications

ES33 Series is designed to fit in standard 3' x 3', 90cm x 90cm or 93.75cm x 93.75cm grid openings or similar hard ceiling finished openings and can be joined together in a variety of configurations.

Drop Ceiling Applications:

EcoSlim light box with attached Luminous SkyTile sits on, and is clipped to, Revelation Elevator

ES33 fits in standard 2' or 3' on center, 15/16" grid systems

ES33M fits in standard 60cm or 90cm on center, 24mm grid systems

ES33G fits in standard 62.5cm or 93.75cm on center, 24mm grid systems

Hard Ceiling Applications:

EcoSlim light box with attached Luminous SkyTile sits on Revelation Elevator

ES33 Series easily recessed in a variety of hard ceilings

Contact the Sky Factory for specific finished opening dimensions

1 Lighting (EcoSlim LED edge lit light box):

Color temperature: 6500K

Strict LED binning standards assure consistent & high quality illumination

State of the art edgelit 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

Compatible with MRI and other RF-free environments

2 Luminous SkyTile (lens):

Acrylic, Acrylite, or polycarbonate substrate

Durable and easy to clean non-glare matte finish

High resolution reproduction from proprietary digital image file

Color-calibrated for 6500 Kelvin light source

Fade resistant pigmented inks containing UV inhibitors

3 Revelation Elevator (frame):

Durable, moisture resistant and easy to clean

Quick and easy installation

Light weight powder-coated aluminum, white matte finish to match standard grid

Compatible with standard 15/16" or 24mm grid systems or hard ceilings

Precision machined corners, seamless architectural appearance

UL, CSA, and CE Classified:

ES33 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, 1.95 Amps, 46.8 Watts per ES33 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 Revelation w/ EcoSlim Installation Instructions; and,

Revelation w/ EcoSlim Electrical Packet (24PS HLG), Electrical Packet (TSF),

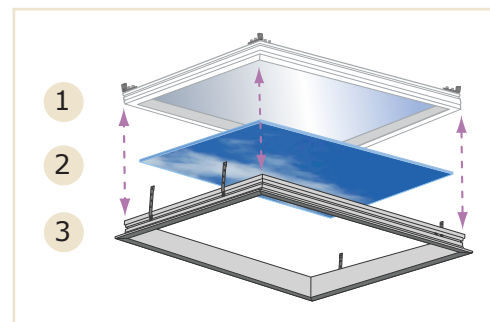
Electrical Instructions (HLG) or Electrical Instructions (ES Only)

Revelation LSC ES33 Series

LSC ES33, ES33M, ES33G

Recessed Ceiling Mount

Back Illuminated Sky Image Ceiling



Key Attributes:

15/16" (24mm) ceiling grid or

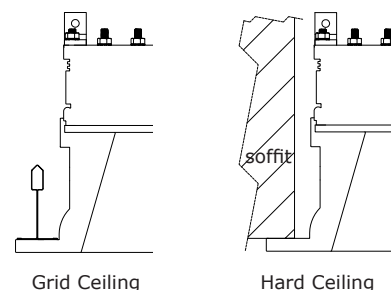
hard ceiling applications

6500 Kelvin – cool daylight

Non-ferrous, RF-free construction

MRI compatible

Cross Section Details



Ceiling Clearance:

Recommended minimum space above ceiling grid 8 5/8" (21.9cm)

Recommended minimum space above soffit 10 3/8" (26.4cm)

Ceiling height of no less than 9' (2.74m) recommended

For help with space constraints, please contact the Sky Factory.

Weight:

Installed weight of fully assembled ES33 Series fixture is 43.2 lbs. (19.6kg)

Configurations:

ES33 Series fixtures are stand alone or grouped with other same size fixtures.

Installation:

Elevators, tiles and light box easily installed into standard 15/16" or 24mm grid systems and can be recessed into a variety of hard ceilings.

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.