

# Luminous SkyCeilings Revelation EcoPlus LED



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



## EP26 Series Specifications

EP26 Series is designed to fit in standard 2' x 6', 60cm x 180cm or 62.5cm x 187.5cm grid openings or similar hard ceiling finished openings and can be joined together in a variety of configurations.

### Drop Ceiling Applications:

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

- EP26 fits in standard 2' on center, 15/16" grid systems
- EP26M fits in standard 60cm on center, 24mm grid systems
- EP26G fits in standard 62.5cm on center, 24mm grid systems

### Hard Ceiling Applications:

EcoPlus light box with attached Luminous SkyTile sits on Revelation Elevator

- EP26 Series easily recessed in a variety of hard ceilings
- Contact the Sky Factory for specific finished opening dimensions

### 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  
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:

EP26 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, 2.88 Amps, 69.1 Watts per EP26 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:

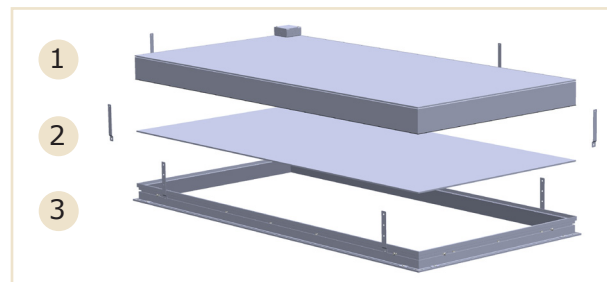
AC wiring between fuse/breaker panel and 24V DC power system  
DC wiring between 24V DC power system and EcoSlim light box  
Dimmer wiring between 24V DC power system and switch/dimmer control box  
RFI/EMI filters for MRI installations  
See Revelation w/ EcoPlus Installation Instructions; and,  
Revelation w/ EcoPlus Electrical Packet (24PS HLG), Electrical Packet (TSF),  
Electrical Instructions (HLG) or Electrical Instructions (ES Only)

## Revelation LSC EP26 Series

LSC EP26, EP26M, EP26G

Recessed Ceiling Mount

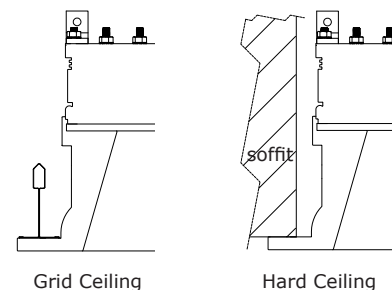
Back Illuminated Sky Image Ceiling



### 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 10 7/8" (27.6cm)  
Recommended minimum space above soffit 12 1/2" (31.8cm)  
Ceiling height of no less than 9' (2.74m) recommended  
For help with ceiling constraints, please contact the Sky Factory

### Weight:

Installed weight of fully assembled EP26 Series fixture is 58.2 lbs (26.4kg)

### Configurations:

EP26 Series fixtures can be grouped with EP26, EP33, EP34, EP36 and EP44 fixtures in a wide variety of configurations.

### 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.