

Luminous SkyCeilings Revelation EcoPlus LED



CONFORMS TO:
ANSI/UL STD 1598
IEC 60598-2-2, 60598-1,
62471 AND 62031
EN 60598-2-2 AND 50598-1
CERTIFIED TO:
CAN/CSA STD C22.2 No. 250.0



Revelation EP Series Specifications

(For specific EP24, EP26, EP28, EP33, EP34, EP36, EP44, EP46, EP48 and EP55 Series details, see page 2)

Revelation EP Series are designed to fit in standard 15/16" or 24mm grid systems 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

Hard Ceiling Applications:

EcoPlus light box with attached Luminous SkyTile sits on Revelation Elevator

For drop ceiling and hard ceiling application details, see page 2.

Lighting (EcoPlus LED back lit light box):

- 1 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 (non-ferrous) aluminum pan
Moisture and chemical resistant
Each unit has a four knock-out junction box
Compatible with MRI and other RF-free environments

Luminous SkyTile (lens):

- 2 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 daylight quality light source
Fade resistant pigmented inks containing UV inhibitors

Revelation Elevator (frame):

- 3 Durable, moisture resistant and easy to clean
Quick and easy installation
Light weight powder-coated aluminum, white matte finish to match standard grid
2.75" (7cm) vertical profile
Compatible with standard 15/16" or 24mm grid systems or hard ceilings
Precision machined corners, seamless architectural appearance

UL, CSA, and CE compliant:

EP24, EP26, EP28, EP33, EP34, EP36, EP44, EP46, EP48, EP55 and EPCST Series when used with 24PS HLG Power System, UL/CSA Listed or CE Compliant power supply fully certified by Intertek Group plc

Electrical:

24V DC

For amperages and watts of specific fixtures, see page 2

Sky Factory 24PS HLG Power System

Converts 100-240V AC (277V AC North America only) to 24V DC

Size and quantity per installation calculated by Sky Factory

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 provided EMCOD dimmable power supply (Earth and Sky installations)

Converts 100-277V AC to 24V DC

Sky Factory provided HLG dimmable power supply (International Only)

Converts 100-240V AC (277V AC North America only) to 24V DC

Client provided UL/CSA 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 EcoPlus 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 Instructions (HLG) or Electrical Instructions (Fixture Only)

Ceiling Clearance:

Fixture height from ceiling grid 8.75" (22.2cm)

Recommended minimum space above ceiling grid 11.125" (28.3cm)

(where access above the ceiling is available from the side, ex: typical grid ceiling)

Recommended minimum space above soffit 12.75" (32.4cm)

(where access above the ceiling is not available from the side, ex: typical hard ceiling)

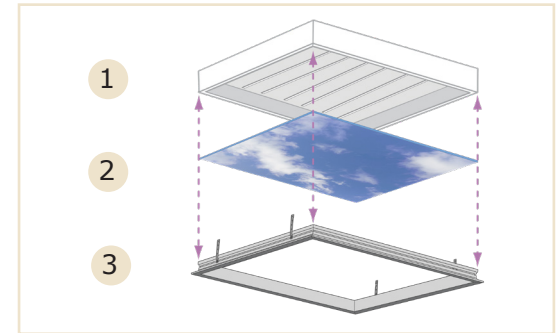
Ceiling height of no less than 9' (2.74m) recommended

For help with ceiling constraints, please contact the Sky Factory

Revelation EP Series

Recessed Ceiling Mount

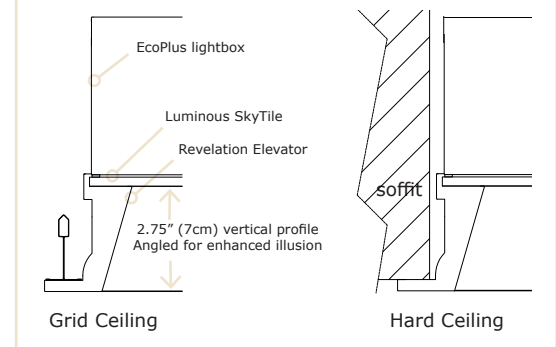
Back Illuminated Sky Image Ceiling



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



Suspension:

Four XP2-LG-5FT Gripple kits per fixture provided standard;
Four HF2-LS-5FT SS Gripple kits per fixture provided for MRI

Weight:

For installed weight of fully assembled Revelation EP Series fixture, see page 2.

Configurations:

Revelation EP Series fixtures can be grouped together 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.

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CONFORMS TO:
ANSI/UL STD 2108
CERTIFIED TO:
CAN/CSA STD C22.2 No. 250.0



Model	Amps [A]	Power [W]	Weight	Drop Ceiling Application
EP24-RVN Series	1.96	47.04		
EP24			17.8 lbs	Fits in standard 2' x 4' on center, 15/16" grid system
EP24m			7.8 kg	Fits in standard 60cm x 120cm on center, 25mm grid system
EP24g			8.5 kg	Fits in standard 62.5cm x 125cm on center, 25mm grid system
EP26-RVN Series	2.88	69.12		
EP26			31.4 lbs	Fits in standard 2' x 6' on center, 15/16" grid system
EP26m			13.8 kg	Fits in standard 60cm x 180cm on center, 25mm grid system
EP26g			14.0 kg	Fits in standard 62.5cm x 187.5cm on center, 25mm grid system
EP28-RVN Series	3.83	91.92		
EP28			45.0 lbs	Fits in standard 2' x 8' on center, 15/16" grid system
EP28m			19.8 kg	Fits in standard 60cm x 240cm on center, 25mm grid system
EP28g			21.3 kg	Fits in standard 62.5cm x 250cm on center, 25mm grid system
EP33-RVN Series	2.16	51.84		
EP33			20.4 lbs	Fits in standard 3' x 3' on center, 15/16" grid system
EP33m			8.9 kg	Fits in standard 90cm x 90cm on center, 25mm grid system
EP33g			9.7 kg	Fits in standard 93.75cm x 93.75cm on center, 25mm grid system
EP34-RVN Series	2.88	69.12		
EP34			29.8 lbs	Fits in standard 3' x 4' on center, 15/16" grid system
EP34m			13.1 kg	Fits in standard 90cm x 120cm on center, 25mm grid system
EP34g			14.2 kg	Fits in standard 93.75cm x 125cm on center, 25mm grid system
EP36-RVN Series	4.32	103.68		
EP36			48.6 lbs	Fits in standard 3' x 6' on center, 15/16" grid system
EP36m			21.4 kg	Fits in standard 90cm x 180cm on center, 25mm grid system
EP36g			23.2 kg	Fits in standard 93.75cm x 187.5cm on center, 25mm grid system
EP44-RVN Series	3.84	92.16		
EP44			41.8 lbs	Fits in standard 4' x 4' on center, 15/16" grid system
EP44m			18.4 kg	Fits in standard 120cm x 120cm on center, 25mm grid system
EP44g			19.9 kg	Fits in standard 125cm x 125cm on center, 25mm grid system
EP46-RVN Series	5.75	138		
EP46			65.9 lbs	Fits in standard 4' x 6' on center, 15/16" grid system
EP46m			28.9 kg	Fits in standard 120cm x 180cm on center, 25mm grid system
EP46g			31.4 kg	Fits in standard 125cm x 187.5cm on center, 25mm grid system
EP48-RVN Series	7.67	184.1		
EP48			96.2 lbs	Fits in standard 4' x 8' on center, 15/16" grid system
EP48m			42.3 kg	Fits in standard 120cm x 240cm on center, 25mm grid system
EP48g			45.8 kg	Fits in standard 125cm x 250cm on center, 25mm grid system
EP55-RVN Series	6	144		
EP55			72.3 lbs	Fits in standard 5' x 5' on center, 15/16" grid system
EP55m			31.8 kg	Fits in standard 150cm x 150cm on center, 25mm grid system
EP55g			34.4 kg	Fits in standard 156.25cm x 156.25cm on center, 25mm grid system
				Hard Ceiling Application
				EPXX-RVN Series fixtures fit in a variety of hard ceiling applications
				Contact Sky Factory for specific finished opening dimensions