

Luminous SkyCeilings Aperture EcoPlus LED



CONFORMS TO:
ANSUL 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



Aperture Series Specifications

(For specific Aperture Series details, see page 2)

1 Lighting (Single EcoPlus LED back lit luminaire):

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 frame
Moisture and chemical resistant
Each unit has a four knock-out junction box
Suitable for use in MRI, and other RF-free environments

2 Luminous SkyTile (lens):

Polycarbonate substrate
Lightweight & durable
High resolution reproduction from proprietary digital image file
Color-calibrated for daylight quality light source
Non-glare matte finish
Fade resistant pigmented inks containing UV inhibitors

3 Trim:

Specifically designed to enhance visual depth
Precut to fit luminaire and snaps in place
Fire-rated MDF with highly durable white catalyzed lacquer finish

UL, CSA, and CE Certified:

EP and EPCST Series when used with 24PS HLG Power System,
UL Listed or CE Compliant power supply fully certified by Intertek Group plc

Electrical:

24V DC, Amps and Watts varies per fixture:
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 supply mounted on aluminum baseplate
with aluminum junction box on input and output ends
See 24PS HLG Power System Technical Specifications
Sky Factory provided HLG dimmable power supply (International Only)
Converts 100-240V AC (277V AC North America only) 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 EcoPlus luminaire
Dimmer wiring between 24V DC power system and switch/dimmer control box
RFI/EMI filters for MRI installations
See Aperture w/ EcoPlus Installation Instructions; and
Custom EcoPlus Electrical Packet (24PS HLG), Electrical Instructions (HLG) or
Electrical Instructions (Fixture Only)

Ceiling Clearance:

Minimum space required above finished ceiling or grid: 6 7/8" (17.5cm)
not including means to connect suspension to building structure

Weights and Dimensions (including trim):

See page 2

Installation:

Aperture SkyCeilings are designed to be recessed in a variety of grid and hard ceilings.

Configurations:

For sample configurations, go to skyfactory.com

US Patent Information:

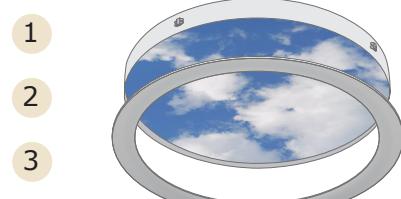
Our products, systems, and methods may be protected by one or more of the following US Patents: Pat. 9,164,011, Pat. 8,851,700, Pat. 7,959,316, and Pat. 7,481,550, as well as other patents pending.

Aperture Series

EP-AP-CIR-3, -4, -5

EP-AP-ELP-4x6, -5x8

Back Illuminated Sky Image Ceiling

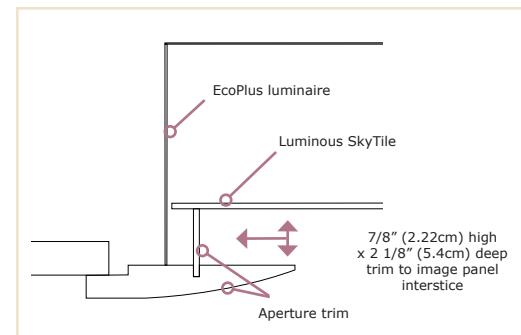


Luminaire with image tile and trim

Key Attributes:

Large single image tile
Enhanced illusion with trim to image panel interstice
6500 Kelvin – cool daylight
Non-ferrous, RF-free construction
Minimal assembly
All-thread option available upon request

Cross Section Details



Luminous SkyCeilings Aperture EcoPlus LED



CONFORMS TO:
ANSI/NFPA 88
IEC 60598-1
62471 AND 62031
EN 60598-2-2 AND 50598-1
CERTIFIED TO:
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| Model | Amps | Power @ 24V DC | Weight | Dimensions |
|------------|------|-------------------|---|---|
| AP-CIR-3 | 1.6 | 37.4 | 23 lbs (10.5kg) Per suspension point 5.8 lbs (2.7kg) | 7 3/8" (18.8cm) high 32 1/2" (82.6cm) EcoPlus light box outside dim. 36" (92cm) trim outside dim. |
| AP-CIR-4 | 2.9 | 69 | 40 lbs (18.2kg) Per suspension point 10 lbs (4.6kg) | 7 3/8" (18.8cm) high 44 1/2" (113cm) EcoPlus light box outside dim. 48" (122cm) trim outside dim. |
| AP-CIR-5 | 4.7 | 112.1 | 63 lbs (28.6kg) Per suspension point 15.8 lbs (7.2kg) | 7 3/8" (18.8cm) high 56 1/2" (144cm) EcoPlus light box outside dim. 60" (153cm) trim outside dim. |
| AP-ELP-4X6 | 4.8 | 115 | 62 lbs (28.2kg) Per suspension point 15.5 lbs (7.1kg) | 7 3/8" (18.8cm) high 44 1/2" X 68 1/2" (113cm x 174cm) EcoPlus light box outside dim. 48" x 72" (122cm x 183cm) trim outside dim. |
| AP-ELP-5X8 | 8.2 | 195.5 | 101 lbs (45.9kg) Per suspension point 16.9 lbs (7.7kg) | 7 3/8" (18.8cm) high 56 1/2" x 92 1/2" (144cm x 235cm) EcoPlus light box outside dim. 60" x 96" (153cm x 244cm) trim outside dim. |