

## 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](http://skyfactory.com)

### US Patent Information:

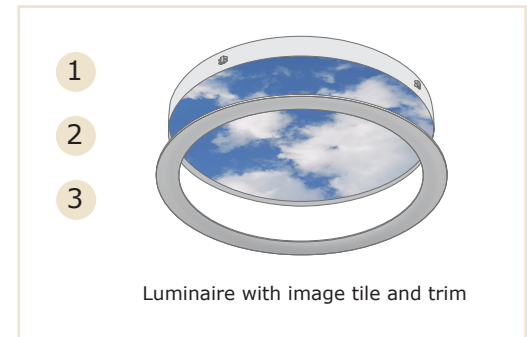
Our products, systems, and methods may be protected by one or more of the following US Patents: Pat. 9,164,011, Pat. 8,851,700, Pat. 7,959,316, and Pat. 7,481,550, as well as other patents pending.

## Aperture Series

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

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

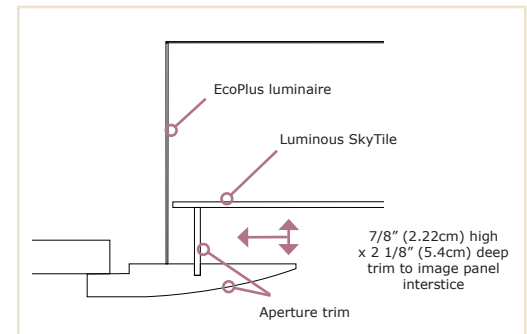
Back Illuminated Sky Image Ceiling



## 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

## Cross Section Details



# Luminous SkyCeilings Aperture 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



Model	Amps [A]	Power [W]	Weight	Suspension Points	Dimensions (including trim)
<b>EP-AP-CIR-3</b>	1.6	38.4			
EP-AP-CIR-3			23 lbs	4	3' diameter x 7 3/8" high
EP-AP-CIR-3-M			10.5kg	4	90cm diameter x 18.8cm high
<b>EP-AP-CIR-4</b>	2.9	69.6			
EP-AP-CIR-4			40 lbs	4	4' diameter x 7 3/8" high
EP-AP-CIR-4-M			18.2kg	4	120cm diameter x 18.8cm high
<b>EP-AP-CIR-5</b>	4.7	112.8			
EP-AP-CIR-5			63 lbs	4	5' diameter x 7 3/8" high
EP-AP-CIR-5-M			28.6kg	4	150cm diameter x 18.8cm high
<b>EP-AP-ELP-4X6</b>	4.8	115.2			
EP-AP-ELP-4X6			61 lbs	4	4' wide x 6' long x 7 3/8" high
EP-AP-ELP-4X6-M			27.7kg	4	120cm wide x 180cm long x 18.8cm high
<b>EP-AP-ELP-5X8</b>	8.2	196.8			
EP-AP-ELP-5X8			101 lbs	6	5' wide x 8' long x 7 3/8" high
EP-AP-ELP-5X8-M			45.9kg	6	150cm wide x 240cm long x 18.8cm high