

## Specifications

- 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 fixture has a four knock-out junction box
- 2 **Luminous SkyTile (lens):**  
Acrylic, Acrylite, or 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  
Manufactured to fit Luminous SkyTile Classic Elevator
- 3 **Classic Elevator (frame):**  
Moisture resistant, light weight aluminum  
1.25" (31.8mm) vertical profile  
Quick and easy installation  
Powder coated, white matte finish to match standard grid  
Compatible with standard 15/16" grid systems  
Precision machined corners, seamless architectural appearance
- 4 **Perimeter and Grid:**  
Armstrong Axiom Classic white perimeter  
Prelude Plus 15/16" white ceiling grid  
Suspension system package  
Pre-cut to four standard diameters: 4' 3 1/8"; 6' 7 1/2"; 9' 1" ; 12' 8 1/2"

### 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 SkyCeiling:

- INF-4 @ 0.7A, 75W
- INF-6 @ 1.6A, 190W
- INF-9 @ 3.0A, 351W
- INF-12 @ 5.8A, 696W

Sky Factory 24PS HLG Power System

Converts 90-305V AC 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 HLG dimmable power supply (International Only)

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
- Dimmer wiring between 24V DC power system and switch/dimmer control box
- DC wiring between 24V DC power system and Infinity EcoPlus
- DC wiring between EcoPlus light boxes

See Infinity w /EcoPlus Installation Instructions; and

Custom EcoPlus Electrical Packet (24PS HLG), Electrical Instructions (HLG) or

Electrical Instructions (Fixture Only)

### Installation:

Elevators, tiles and luminaires easily installed into standard 15/16" grid and perimeter system provided.

Infinity EcoPlus SkyCeilings are designed to be suspended from a ceiling in a variety of combinations and configurations.

### Infinity EcoPlus SkyCeilings are not MRI compatible

### Restraint, seismic bracing not provided

For recommendations, see Infinity w/ EcoPlus Installation Instructions, Appendix A.

### US Patent Information:

Our products, systems, and methods may be protected by one or more of the following US Patents:

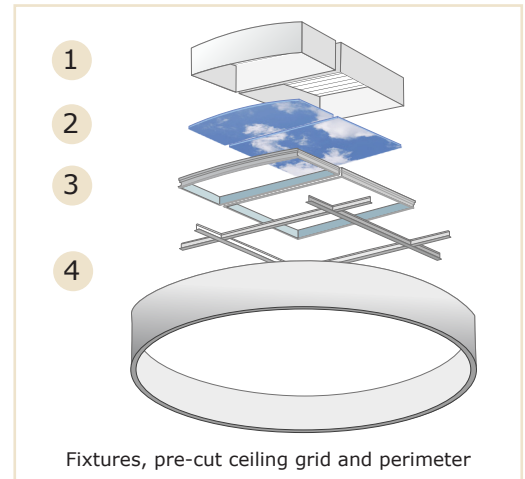
Pat. 9,164,011, Pat. 8,851,700, Pat. 7,959,316, and Pat. 7,481,550, as well as other patents pending.

## Infinity EcoPlus

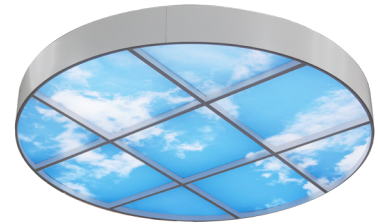
EP-CIR-INF-4, -6, -9, -12

Ceiling Grid Mount

Back Illuminated Sky Image Ceiling



## Dimensions and Weights



All SkyCeilings 8" (20.3cm) deep

INF-4:

- 4' 3 1/8" (129.9cm) diameter
- 52 lbs (23.6kg);
- 13lbs (5.9kg) per suspension pt

INF-6:

- 6' 7 1/2" (202cm) diameter
- 123 lbs (55.8kg);
- 31lbs (14kg) per suspension pt

INF-9:

- 9' 1" (277cm) diameter
- 232 lbs (105.3kg);
- 39lbs (17.6kg) per suspension pt

INF-12:

- 12' 8 1/2" (387.5cm) diameter
- 308 lbs (139.8kg);
- 26lbs (11.7kg) per suspension pt