Luminous SkyCeilings
Infinity 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

Intertek 4010304

Sky Factory

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:
Classic white aluminum perimeter with 8" vertical profile
Standard 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 @ 3.4A, 80.5W
 INF-6 @ 8.0A, 190W
 INF-9 @ 14.7A, 351W
 INF-12 @ 29.0A, 696W
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 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
 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)

Suspension:
XP2-LG-10FT Gripple kits per fixture provided:
 4 per INF-4 & INF-6; 10 per INF-9; 12 per INF-12

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

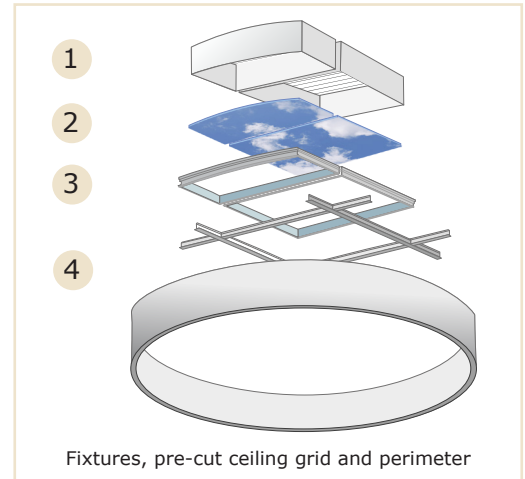**Restraint, seismic bracing not provided**
For recommendations, see Infinity w/ EcoPlus Installation Instructions, Appendix A.
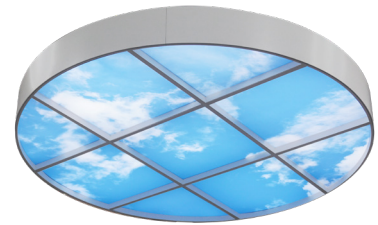
Infinity EcoPlus

EP-CIR-INF-4, -6, -9, -12
Ceiling Grid Mount
Back Illuminated Sky Image Ceiling

Fixtures, pre-cut ceiling grid and perimeter

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

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.