

Specifications

1 Light Box:

Color temperature: 6500K
 Strict LED binning standards assure consistent & high quality illumination
 State of the art in-house back lit technologies provide uniform illumination for the Luminous SkyTile graphic
 Housed in a white powder-coated (non-ferrous) aluminum pan
 Integrated junction box
 Compatible with MRI and other RF-free environments

2 Luminous Image Panel:

High resolution reproduction from proprietary digital image file
 Focus stack photography for maximum depth of field
 Color-calibrated for daylight quality light source
 Polycarbonate substrate
 Durable and easy to clean non-glare matte finish
 Fade resistant pigmented inks containing UV inhibitors

3 Trim:

Wide range of woods as well as brushed anodized and Storm White aluminum
 Quick and easy installation
 Safety cable hardware included

Electrical (see table for variants):

OpenView V DC input voltage Luminous Virtual Window:
 External AC/DC power supply remotely located (see details below)
 Suitable for MRI applications
 Power consumption: Approx. 6.6W, 0.275A per square foot
 (see table on page 2 for power consumption of some common sizes)
 Operating temperature t_o : 45°C (113F) max Ambient Temperature
 4A fused LED circuits

Junction box:
 Maximum 2 pair 10 AWG supply conductors
 Wiring access holes 1/2" nominal trade size conduit

2 front entry for recessed; 2 back entry for surface mount
 2nd access hole for through-wiring when applicable

Maximum 14A per supply channel
 Minimum 90C supply conductors

Not intended as a light source
 Min 90°C supply connectors/Les fils d'alimentation 90°C Min

External power supply:
 96W-600W 1 or 2-output channels
 Listed for U.S. and Canada
 Overload, Short circuit and Thermal protection
 Input Voltage: 100-277V AC, 50-60 Hz
 Output Voltage: 24VDC Output
 Contact Sky Factory for PSU selection

Shielded Environments: RF filters supplied by shielding provider

Indoor use only
 Wall mount
 Inherently protected
 Ingress protection: IP20

OpenView

Recessed or Surface Mount
 Wall Image Display



Recessed OpenView shown

Key Attributes:

EcoPlus Back-Lit LED Technology
 High efficiency white LEDs
 Daylight Quality Light Source
 Non-ferrous construction for MRI
 Focus stack photography for maximum depth of field
 Sizes ranging from 4 ft² to 40 ft²
 Recessed can be installed in multiples side by side (see page 2)
 Recessed is 4" / 10.2cm deep:
 fits in standard wall depth
 Surface mount 3 1/4" / 8.3cm deep:
 meets standard wall projection

Installation:

Easily installed recessed in wall or surface mounted
 Recessed fixture alignment/mounting brackets accurately locate fixture
 Surface mount mounting bars provide minimal egress into room

See page 2 for some sample sizes with power consumption, weights and sizing details

Standard model description:

0VXXxX-X

Model Series – Width/Height – Mounting Means
(OpenView) (Feet) (R=Recessed S=Surface)

Example: 0V4x4-R

0V 4'W x 4'H - Recessed

OpenView sizes range from 4 ft² to 40 ft² in 1 foot increments, from 2' x 2', 2' x 3'/3' x 2' to 5' x 8'/8' x 5'.

The range of the smaller dimension is 2' - 5', the larger 3' - 8'. That is, a 6' x 6' or 3' x 9' are not options. See sample sizes below.

When installing multiple fixtures in a single display, recessed can be joined together whereas surface mount must be mounted separately.

Sample OpenView Sizes

| Model | Amps [A] | Power [W] | Average Weight* lbs (kg) | Dimensions (WxH) | |
|--------------------|-------------|--------------|-----------------------------|---|------------------------------------|
| | | | | Light box and Image Tile** inches (cm) | Visible image inches (cm) |
| OV2x4-R OV2x4-S | 2.2 | 52.8 | 27.9 (12.7) | 23 3/8 x 47 3/8 (59.4 x 120.3) | 21 5/8 x 45 5/8 (55.1 x 116.0) |
| OV4x2-R OV4x2-S | 2.2 | 52.8 | 27.9 (12.7) | 47 3/8 x 23 3/8 (120.3 x 59.4) | 45 5/8 x 21 5/8 (116.0 x 55.1) |
| OV2x8-R OV2x8-S | 4.4 | 105.6 | 50.7 (23.0) | 23 3/8 x 95 3/8 (59.4 x 242.3) | 21 5/8 x 93 5/8 (55.1 x 237.9) |
| OV8x2-R OV8x2-S | 4.4 | 105.6 | 50.7 (23.0) | 95 3/8 x 23 3/8 (242.3 x 59.4) | 93 5/8 x 21 5/8 (237.9 x 55.1) |
| OV3x5-R OV3x5-S | 4.2 | 99.0 | 45.5 (20.6) | 35 3/8 x 59 3/8 (89.9 x 150.8) | 33 5/8 x 57 5/8 (85.5 x 146.5) |
| OV5x3-R OV5x3-S | 4.2 | 99.0 | 45.5 (20.6) | 59 3/8 x 35 3/8 (150.8 x 89.9) | 57 5/8 x 33 5/8 (146.5 x 85.5) |
| OV4x6-R OV4x6-S | 6.6 | 158.4 | 67.2 (30.5) | 47 3/8 x 71 3/8 (120.3 x 181.3) | 45 5/8 x 69 5/8 (116.0 x 177.0) |
| OV6x4-R OV6x4-S | 6.6 | 158.4 | 67.2 (30.5) | 71 3/8 X 47 3/8 (181.3 X 120.3) | 69 5/8 x 45 5/8 (177.0 x 116.0) |
| OV5x7-R OV5x7-S | 9.7 | 231 | 93.1 (42.2) | 59 3/8 x 83 3/8 (150.8 x 211.8) | 57 5/8 x 81 5/8 (146.5 x 207.5) |
| OV7x5-R OV7x5-S | 9.7 | 231 | 93.1 (42.2) | 83 3/8 X 59 3/8 (211.8 X 150.8) | 81 5/8 x 57 5/8 (207.5 x 146.5) |
| OV5x8-R OV5x8-S | 11 | 264 | 105.0 (47.6) | 59 3/8 x 95 3/8 (150.8 x 242.3) | 57 5/8 x 93 5/8 (146.5 x 237.9) |
| OV8x5-R OV8x5-S | 11 | 264 | 105.0 (47.6) | 95 3/8 x 59 3/8 (242.3 x 150.8) | 93 5/8 x 57 5/8 (237.9 x 146.5) |

*with wood trim

** Recessed 4" (10.2cm) deep from back of trim to back of fixture mounting bracket

**Surface mount 3 1/4" (8.3cm) deep from front to back of trim/mounting bar

Trim dimensions:

Trim width and height may vary slightly due to variability in the application. Contact a Sky Factory SkyDesigner for the best options for your application needs.