

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_a : 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:

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

Example: OV4x4-R

OV 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.