



SPECIFICATIONS

- 1 **Case (body & doors):**
6063 T6 Extruded Aluminum
Clear anodized finish
Designed for easy access to electrical components
Precision machined assembly
- 2 **Luminous Image and Protective Cover:**
Lightweight & durable
Hi-res digital reproduction from proprietary large format film library
Color-calibrated for 6500 Kelvin light source
Non-glare matte finish
Fade resistant pigmented inks containing UV inhibitors
Easy Access for installation and cleaning
- 3 **Trim:**
Wide range of styles in woods and aluminum
Quick and easy installation
Safety cable and attachments included

Electrical (see table for variants):

V AC Luminous Virtual Window for non-MRI applications
Internal power supply hardwired inside fixture
Input 100-240V AC/277V AC, 0.3A/0.105A, 50/60Hz

V DC Luminous Virtual Window for MRI applications
External power supply remotely located
See details below

Power consumption of V AC and V DC Luminous Virtual Windows: see table on page 2
Terminal block wire range #12-22 Awg
Wiring access hole limited to 1/2" nominal trade size conduit
Min 90°C supply connectors/Les fils d'alimentation 90°C Min
External power supply (V DC Luminous Virtual Window only):
Input (Typ) 90-305V AC
0.85A/115V AC, 0.425A/230V AC, 0.4A/277V AC, 47-63 Hz
Output 24V DC, 3.4A
UL8750 Listed (U.S. and Canada) and CE Compliant
Surface mountable, suitable for dry/damp/wet locations
Junction box wiring access holes limited to 1/2" nominal trade size conduit
Shielded Environments: RF filters supplied by shielding provider
108 - 264 high-efficiency white LEDs per unit (Not intended as a light source)
6500 Kelvin light temperature - cool daylight
80,000 hour rated life (80% @ 40,000 hrs.)

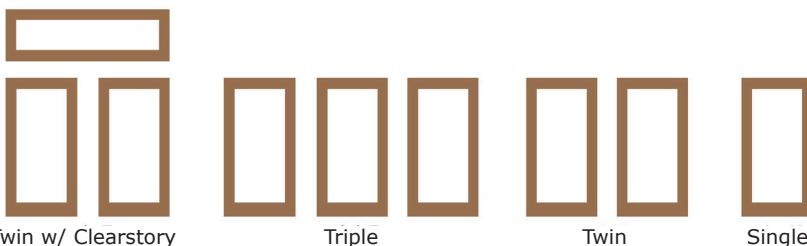
Environment:

Ambient (working) temperature:
V AC Luminous Virtual Window - t_a : 40°C max
V DC Luminous Virtual Window - t_a : 60°C max
External Power Supply - t_a : 70°C max

Storage temperature:
V AC Luminous Virtual Window: -40°C~+85°C
V DC Luminous Virtual Window: -40°C~+85°C
External Power Supply: -40°C~+80°C

Indoor use only, dry applications only; Wall mount, Installation murale seulement
Thermal Protection: Inherently protected/Protection Inherente
Max. Ambient Temp.: 45°C; Ingress protection: Nema 1, IP

Sample Configurations:



LVW LED Edge-lit



Key Attributes:

EcoSlim LED Edge-lit Technology
Only 2-3/8" / 57mm deep
High-efficiency white LEDs
6500 Kelvin - cool daylight
Non-ferrous construction for MRI

Installation:

Easily installed recessed in wall or surface mounted
Rough opening: add 3/8" to case dimension



Dimensions, Power Consumption Data and Weights:

How to Read the Chart:

The Sky Factory provides four models for each **LVW Size**:

AC Recessed (LVxxxxAR), AC Surface Mount (LVxxxxAS), DC Recessed (LVxxxxDR), and DC Surface Mount (LVxxxxDS).

Case Dimension, Quantity of LEDs, and Weight remain constant for all models in each size.

V AC Input refers to power input to the AC models (LVxxxxAR, LVxxxxAS), which have internal power supplies.

V DC Input refers to power input to the DC models (LVxxxxDR, LVxxxxDS) from an externally mounted power supply.

For external power supply specifications, see **Electrical** section on page 1.

LVW Size	Case Dimension in Inches (Cm)		Qty LEDs	V AC Input (100-240V /277V)	V DC Input (24V)	Weight (lbs/kg)		
	W	H				Case	Alum Trim	Wood Trim
LV2240 (AR,AS,DR,DS)	22.25 (56.52)	40.25 (102.25)	108	0.6/0.21A	0.9A	32.0/14.5	4.1/1.9	8.6/3.9
LV4022 (AR,AS,DR,DS)	40.25 (102.25)	22.25 (56.52)	108	0.6/0.21A	0.9A	32.0/14.5	4.1/1.9	8.6/3.9
LV2840 (AR,AS,DR,DS)	28.25 (71.76)	40.25 (102.25)	168	1.2/0.42A	1.4A	41.0/18.6	5.2/2.4	11.0/5.0
LV4028 (AR,AS,DR,DS)	40.25 (102.25)	28.25 (71.76)	168	1.2/0.42A	1.4A	41.0/18.6	5.2/2.4	11.0/5.0
LV3440 (AR,AS,DR,DS)	34.25 (87.00)	40.25 (102.25)	192	1.2/0.42A	1.6A	48.0/21.8	6.3/2.9	13.3/6.0
LV4034 (AR,AS,DR,DS)	40.25 (102.25)	34.25 (87.00)	192	1.2/0.42A	1.6A	48.0/21.8	6.3/2.9	13.3/6.0
LV2652 (AR,AS,DR,DS)	26.25 (66.68)	52.25 (132.72)	204	1.2/0.42A	1.7A	48.0/21.8	6.0/2.7	12.8/5.8
LV5226 (AR,AS,DR,DS)	52.25 (132.72)	26.25 (66.68)	204	1.2/0.42A	1.7A	48.0/21.8	6.0/2.7	12.8/5.8
LV2852 (AR,AS,DR,DS)	28.25 (71.76)	52.25 (132.72)	204	1.2/0.42A	1.7A	50.0/22.7	6.7/3.0	14.0/6.4
LV5228 (AR,AS,DR,DS)	52.25 (132.72)	28.25 (71.76)	204	1.2/0.42A	1.7A	50.0/22.7	6.7/3.0	14.0/6.4
LV4252 (AR,AS,DR,DS)	42.25 (107.32)	52.25 (132.72)	252	1.2/0.42A	2.1A	75.0/34.0	10.0/4.5	21.0/9.5
LV5242 (AR,AS,DR,DS)	52.25 (132.72)	42.25 (107.32)	252	1.2/0.42A	2.1A	75.0/34.0	10.0/4.5	21.0/9.5
LV1864 (AR,AS,DR,DS)	18.25 (46.36)	64.25 (163.20)	180	0.6/0.21A	1.5A	43.0/19.5	5.3/2.4	11.1/5.0
LV6418 (AR,AS,DR,DS)	64.25 (163.20)	18.25 (46.36)	180	0.6/0.21A	1.5A	43.0/19.5	5.3/2.4	11.1/5.0
LV3464 (AR,AS,DR,DS)	34.25 (87.00)	64.25 (163.20)	264	1.2/0.42A	2.2A	75.0/34.0	10.0/4.5	21.0/9.5
LV6434 (AR,AS,DR,DS)	64.25 (163.20)	34.25 (87.00)	264	1.2/0.42A	2.2A	75.0/34.0	10.0/4.5	21.0/9.5