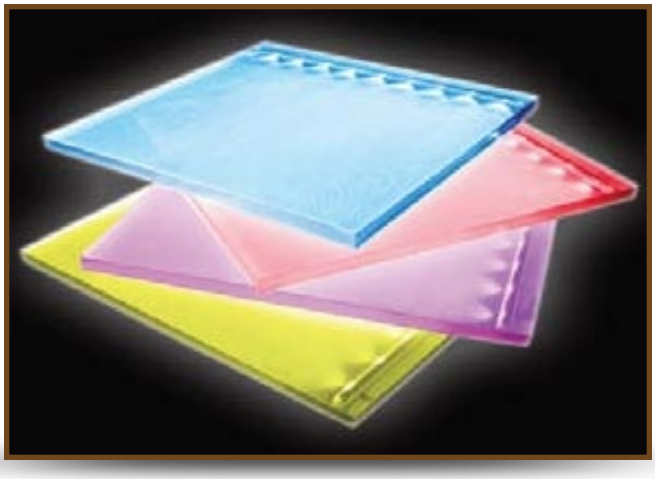
Backlighting

SLIM PANEL

Illuminate with precision— thin, powerful, and beautifully adaptable.





Overview

- Ultra-thin 8 mm profile with fully customizable shape and size
- Wide range of color options including Static White, Tunable White, RGB, and RGBW
- Advanced 3D V-Cut technology ensures uniform light distribution across all panels
- Multi-panel design enables seamless installation in large-scale spaces
- Compliant with Title 24 energy efficiency standards
- Integrated heat-sink extends product lifespan of alternative lighting solutions
- IP65 wet rated (available upon request)

CODE	COLOR	DIMENSIONS	LED LOCATION	ILLUMINATION	LEAD WIRE	POWER CORD EXIT
SLLP -	_____ -	_____ -	_____ -	_____ -	_____ -	_____

27K = 2700 Kelvin 90CRI
30K = 3000 Kelvin 90CRI
35K = 3500 Kelvin 90CRI
41K = 4100 Kelvin 90CRI
53K = 5300 Kelvin 90CRI
63K = 6300 Kelvin 90CRI
TW = 27K-65K Tunable 90CRI
RGB = RGB
RGBW3 = RGBW (White 3000k 90CRI)
RGBW4 = RGBW (White 4100k 90CRI)

**RGBW only available in 24V*

Length x Width in inches

**Min. 2" x 2"*
Max. 59"x118"

LS1 = 1 Long Edge
LS2 = 2 Long Edges
SS1 = 1 Short Edge
SS2 = 2 Short Edges
AS4 = All 4 Edges

**Panels longer than 36" on shortest side require 4 sides illuminated for even illumination.*
***For linear runs in shallow applications, LS2 should be used; Panels to come with clear edges on non-LED sides.*

SF = Single face
DF = Double face

B5B = Black 5' with barrel plug
W5B = White 5' with barrel plug
B10B = Black 10' with barrel plug
W10B = White 10' with barrel plug
B5N = Black 5' with bare leads
W5N = White 5' with bare leads
B10N = Black 10' with bare leads
W10N = White 10' with bare leads

01 = Upper left corner (H)
02 = Upper left corner (V)
03 = Upper right corner (H)
04 = Upper right corner (V)
05 = Lower left corner (H)
06 = Lower left corner (V)
07 = Lower right corner (H)
08 = Lower right corner (V)
09 = Along upper edge (H)
10 = Along lower edge (H)
11 = Along upper edge (V)
12 = Along lower edge (V)

EXIT TYPE	MOUNTING	VOLTAGE	DIMMING
_____ -	_____ -	_____ -	_____

EE = Edge Exit
NE = Notched
RE = Rear Exit

CLP = Clip Mount
PDH = Pre-Drilled Holes
NA = Mounting by others

12V = 12V DC
24V = 24V DC

ND = Non-Dimmable
010 = 0-10V Dimming
DMX = DMX Dimming (DMX Signal/Input by others)
L3DAE = Lutron Hi-Lumes 1%
LTEA2W = Lutron Hi-Lumes 1% 2wire

**Wet location, IP65 available upon request.*

** Other dimming available upon request.*

LED UL LISTED

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SLIM PANEL

Specifications

Performance

	Static White	Tunable White	RGB	RGBW
Thickness	8 mm (5/16")			
CRI	≥90		N/A	≥90 (White)
Color Temperature	2700K, 3000K, 3500K, 4100K, 5300K, 6500K	from 2700K warm – to 6500K cool	Red, Green, Blue	Red, Green, Blue White 3000K | 4100K
Surface Brightness*	≥ 3,200 lx			
Lumen Maintenance	L70 @ ~ 54,000 hrs			
Illumination	Single face (SFI) or Double face Illumination (DFI) options available			
Operating Temp.	-30° C (-22° F) ~ +40° C (+104° F)			
IP Rating	IP22			
Fire Rating	UL94V-0			
Environment	Dry/Damp location, Indoor use only			
UI/ETL	UL Listed (E346146)			
Warranty	5 Years			

Electrical

Input Voltage	12V – 24V DC	12V – 24V DC	12V – 24V DC	24V DC
Power Consumption	Low 2.4W /ft Standard 4.4W /ft	– 8.0W /ft max.	– Standard 4.4W /ft	– 4.9W /ft max.
Wire Size	20 AWG, 2 wire	22 AWG, 3 wire	22 AWG, 4 wire	22 AWG, 5 wire
Wiring Options	Wire exits available on the edge, notched along sides or corners, or on the back,1-2 wire exit options depending on Power level			
Connector Options	Type A 5.5 / 2.1 mm Barrel Plug 5' (1.5 m) or 10' (3.0 m) wire with bare leads			

Mechanical

Maximum Size	59" x 118" 1498 mm x 2997 mm
Minimum Size	2" x 2" 50 mm x 50 mm
Weight	1.95 lbs / sq ft (9.54 kg / sq m)
Mounting options	Pre-drilled holes, Z-Clips

* Measurements done using 6mm thick 2'x2' two side lit panel at 5300k

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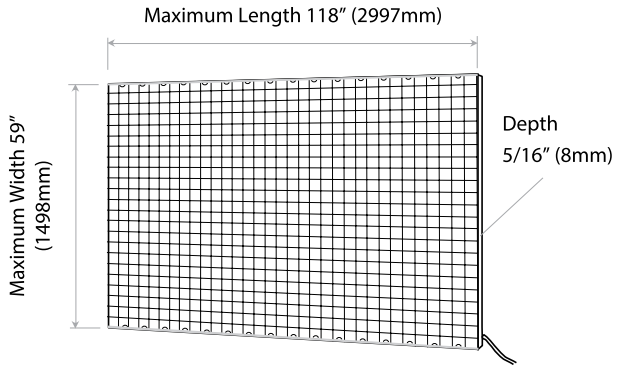
Rev. 20260513

SLIM PANEL

Customization

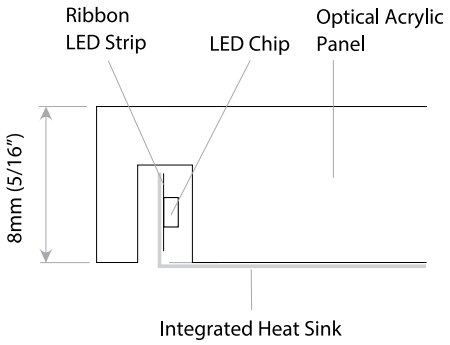
Panel Construction

Front View



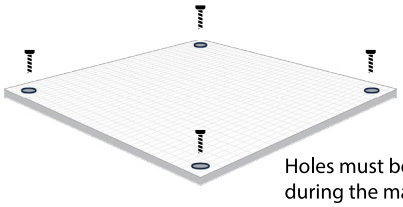
Power cord location is customizable

Profile View



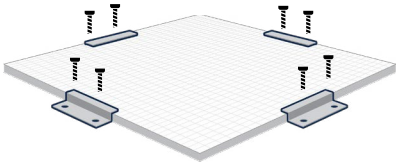
Mounting Options

Option 1: Pre-drilled holes



Holes must be drilled by factory during the manufacturing process according to specification drawings. Screws not included.

Option 2: Z-Clips

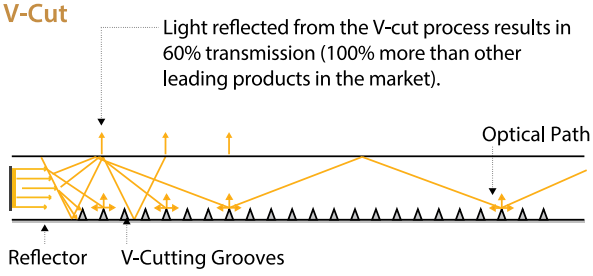




Screw z-clips to the back of the frame and to the wall. Request Z-clips if required.

Panel Finishing

V-Cut



V-Cut provides an opportunity for multi-directional light reflection.

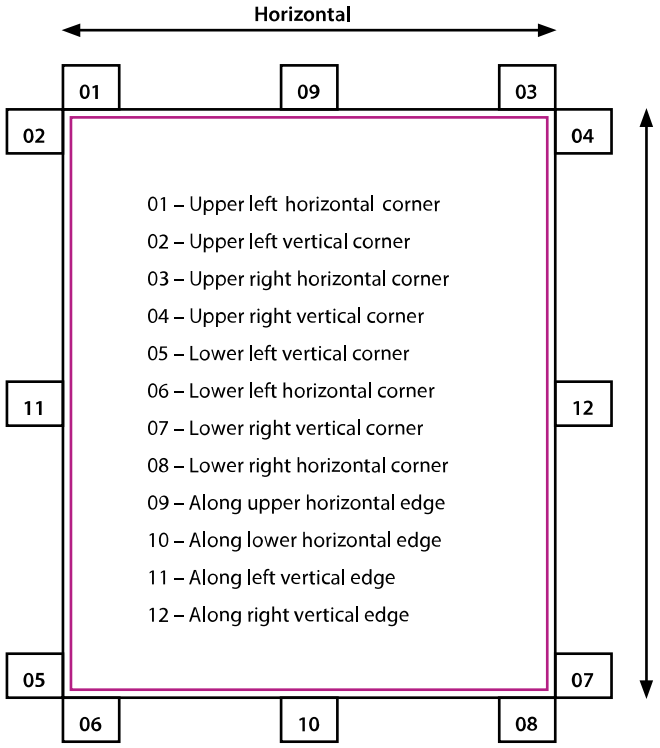
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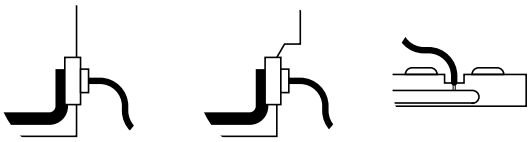
SLIM PANEL

Wiring

Panel Customization Options



Exit Type Options



EE – Edge
Power cord exits from edges

NE – Notched
Recessed (notched) power cord exits

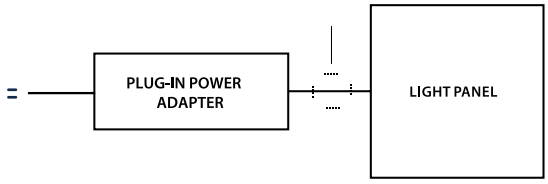
RE – Rear
Power cord exits from the rear side of the light panel

Choose wire exit(s) from above:
12 V – Below 50W: 1 wire exit, Above 50W: 2 wire exit
24 V – Below 75W: 1 wire exit, Above 75W: 2 wire exit

Wiring Options

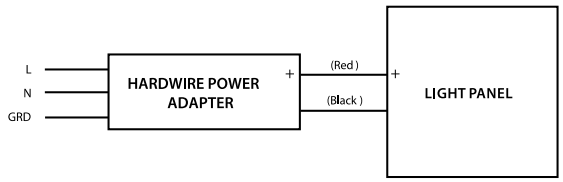
Determine your system components, including a power adaptor, as well as optional dimmer and controller. Use only UL certified power adaptors with the power output that coordinates with your input voltage. Do not apply 24V DC to 12V DC panels, as within seconds the result may be burned LEDs or fire. Look for your voltage tags at the end of the power cord.

Using a Plug-in Power Adapter



Use a plug-in adapter to connect the Light Guided Panel to your power source via DC Jack.

Wiring with Hardwire Power Adapters

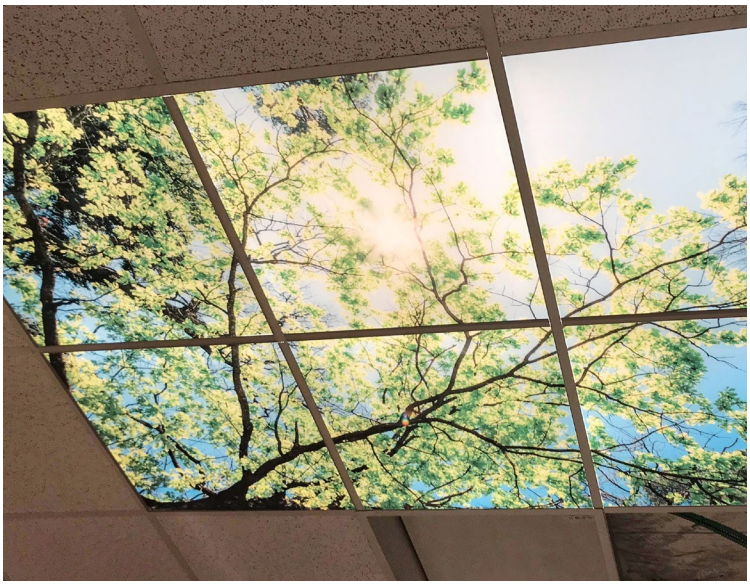


1. Turn off power to your system at the main breaker
2. Install your system components. Refer to wiring guidelines for each component to build your system
3. Check connections and turn on power at the main breaker

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Application







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