

# LPS-TW CUSTOM PANEL

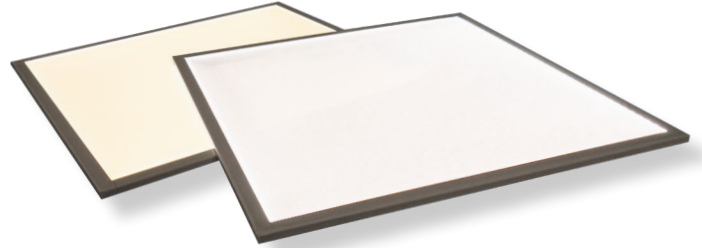
## CUSTOMIZABLE TUNABLE WHITE LED SHEET PANEL

Project \_\_\_\_\_

Location \_\_\_\_\_

Quote/ Ref # \_\_\_\_\_

Manufactured with high-quality light guide plate with advanced laser dot technology for uniform and seamless illumination and maximum brightness. Suitable for: Hospitality, Retail, Residential, Bars, Restaurants, Accent Lighting, Cove lighting, Millwork, Branding, Signage and Custom Fixtures.



### SPECIFICATIONS

INPUT VOLTAGE	12V   24V DC
POWER CONSUMPTION	4.5W/ Sq Ft.
THICKNESS	8mm
LUMEN OUTPUT	95 Lm/ W
CRI	90+
WIRE SIZE	20 AWG 3 Wire
MAXIMUM SIZE	118 in. x 59 in. (L x W)
WEIGHT	1.95 lbs/ sq ft.
OPERATING VOLTAGE	120-277V
SURFACE LUX	2,000 - 10,000 LUX
UNIFORMITY	>85%
DIMMING	0-10V, DALI and DMX
OPERATING TEMPERATURE	-22°F (-30°C) to 104°F (40°C)
ENVIRONMENT	Dry/ Damp Location only (Indoor)
LUMEN MAINTENANCE	50,000 Hrs.

### FEATURES

- Available in 12V or 24V DC
- Dimmable to 1%
- 8mm Thickness
- Any shape or size up to 118" x 59" (L x W)

\* Approved for closet/ storage space installation per NEC 410.16(A)(3) and 410.16(C)(5)

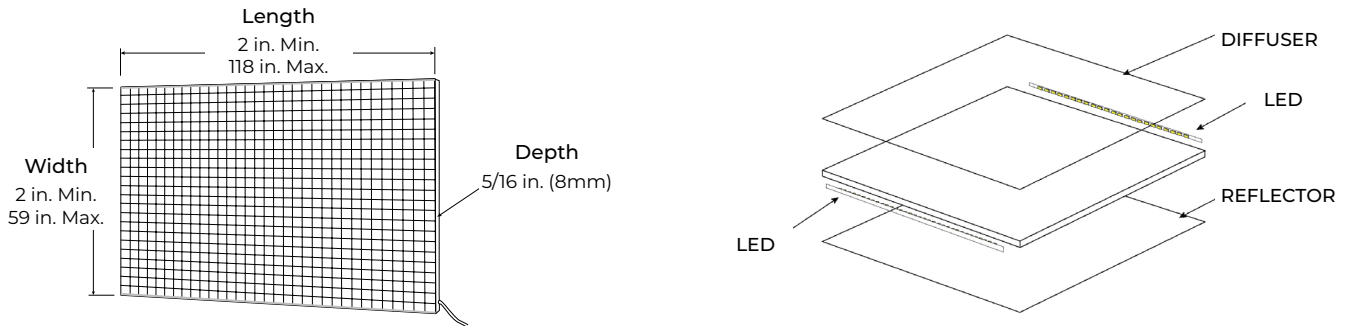


MODEL	COLOR TEMP	SIZE	LENS	POWER FEED	VOLT
LPS	TW Tunable White 27K/65K	*XX Custom	*FR Frosted Diffuser  CL Clear Acrylic LGP	<u>Side Feed</u> A1 A2 A3 A4 A5 A6 A7 A8  <u>Back Feed</u> B1 B2 B3 B4	12V 12V  24V 24V DC
		* L x W (length x width) Please consult factory	* Standard Model	See page 3 for powerfeed reference	

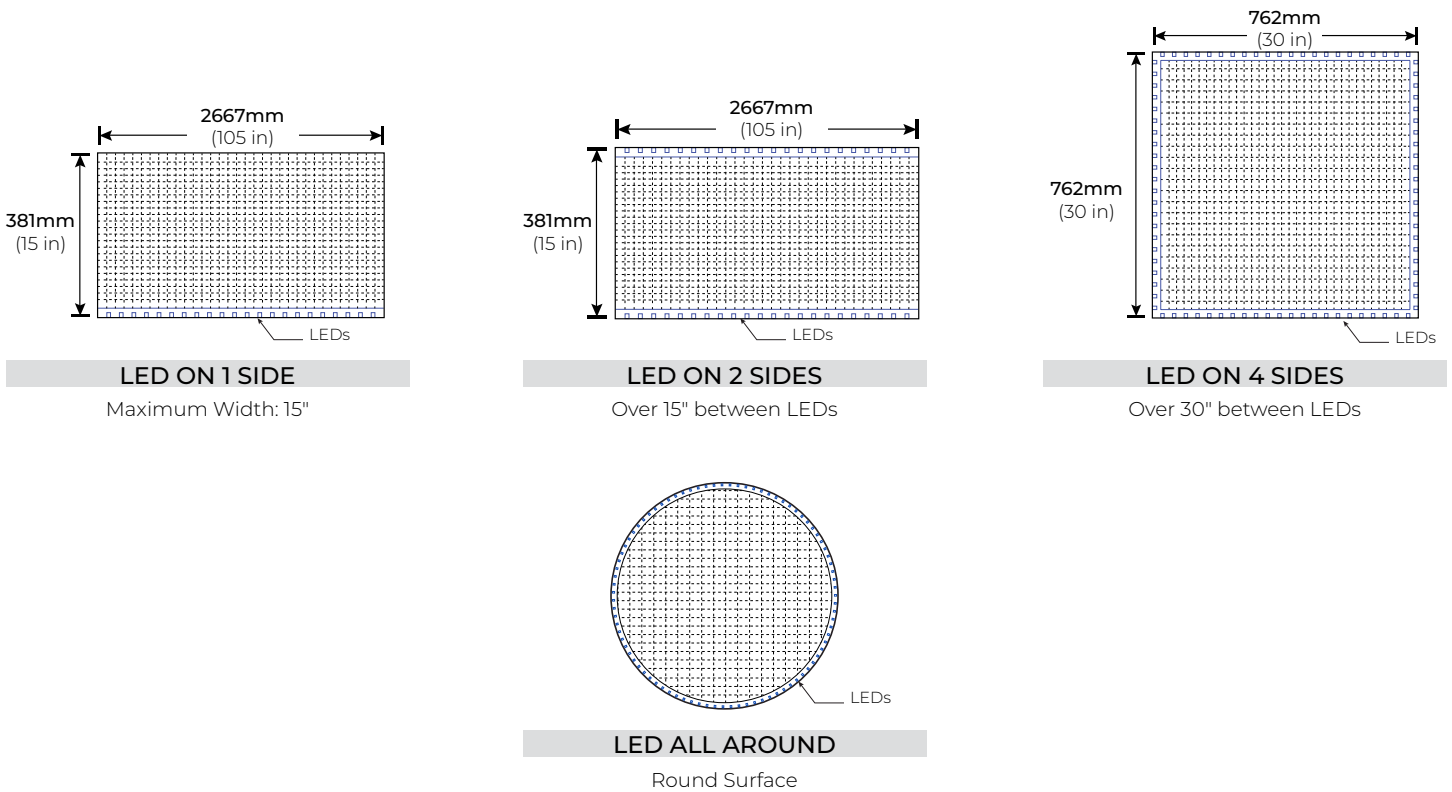
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### DIMENSIONS



### SURFACE ILLUMINATION



### ILLUMINATION GUIDE

SIZE	LED STRIP	SURFACE BRIGHTNESS	WATT
6 in. x 6 in.	1 Side	6,000 Lx	2W
12 in. x 12 in.	1 Side	3,000 Lx	4W
24 in. x 24 in.	2 Sides	3,200 Lx	15W
36 in. x 36 in.	2 Sides	2,600 Lx	23W
Ø 12 in.	All Around	13,000 Lx	11.2W
Ø 24 in.	All Around	5,400 Lx	24W
Ø 36 in.	All Around	4,500 Lx	36W

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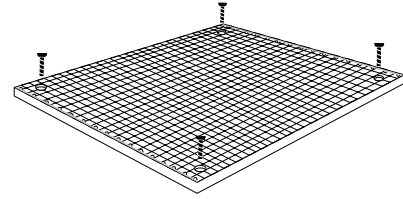
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### MOUNTING ACCESSORIES

Hardware provided by others.

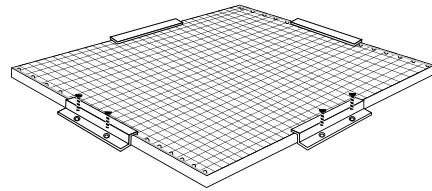
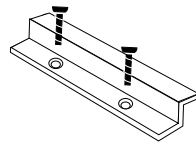
#### SCREWS

\*Holes are drilled during the manufacturing process according to specification drawings.

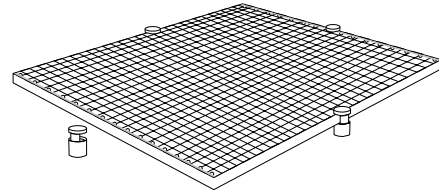
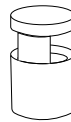


#### Z-CLIPS

\*Screw Z-Clips to the back of the frame and to the wall.

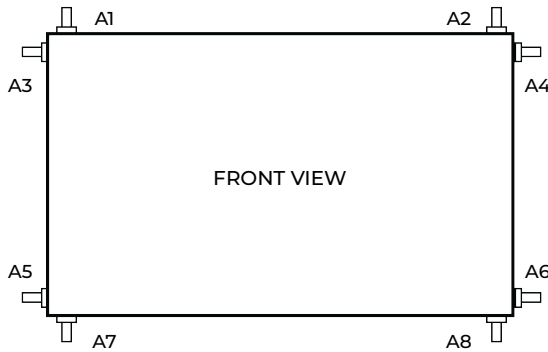


#### MIRROR CLIPS

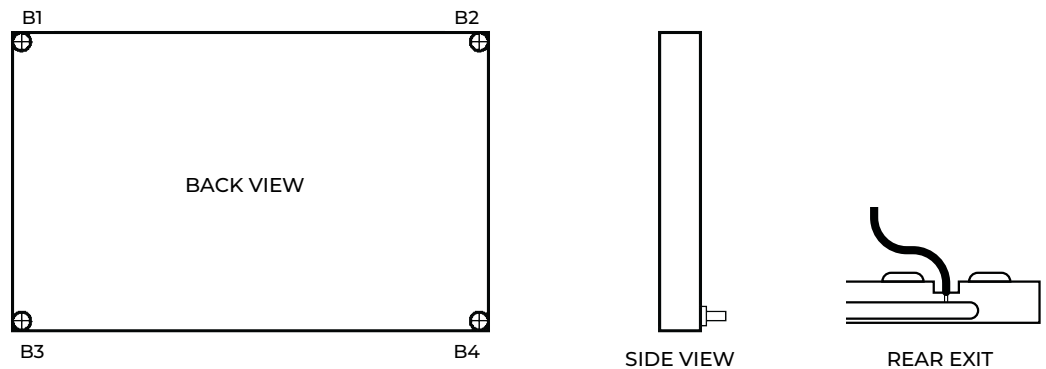


### POWER FEED OPTIONS

#### TYPE A SIDE FEED



#### TYPE B BACK FEED





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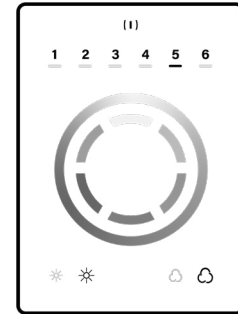
### DMX CONTROLLERS

All DMX Controllers require a DMX Decoder and Non-Dimming Driver.  
Please refer to page 6 for compatible options.

#### RGB-SCW4

WiFi DMX WALL CONTROLLER

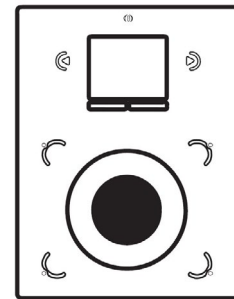
INPUT VOLTAGE	5 - 10V DC, 06A
OUTPUT SIGNAL	DMX512 (x2)
PROGRAMMABILITY	PC/ MAC
COLOR OPTIONS	Black/ White
CONNECTIONS	USB/ 8dry contact ports/ Open drain output (for relay)
MEMORY	Built-In Flash
WORKING TEMP	-10°C ~ 45°C
DIMENSIONS	LxWxH (5.75"x4.17"x0.43")



#### RGB-SDE3

WiFi DMX WALL CONTROLLER

INPUT VOLTAGE	6V DC, 0.6A
OUTPUT SIGNAL	DMX512 (x2)
PROGRAMMABILITY	PC/ MAC/ Tablet/ Smartphone
COLOR OPTIONS	Black/ White
CONNECTIONS	USB/ Ethernet/ RS232/ CLock/ 8dry contact ports/ 5V output relay
MEMORY	MicroSD Card
WORKING TEMP	-20°C ~ 40°C
DIMENSIONS	LxWxH (5.75"x4.17"x0.43")



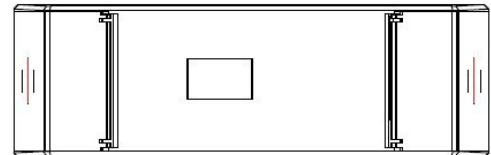
### DMX DECODERS

All DMX Decoders require a DMX Controller and Non-Dimming Driver.  
Please refer to page 6 for compatible options.

#### RGB-DMX-4C-RJ45

4-CHANNEL DMX DECODER

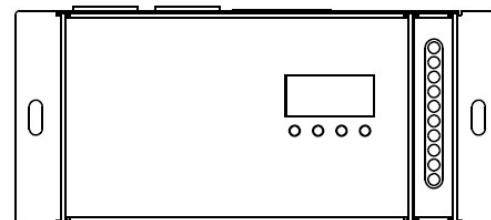
INPUT VOLTAGE	12V-24V DC
OUTPUT CURRENT	5A X 4CH
OUTPUT WATTAGE	60W(12V), 120W(24V)
OUTPUT CHANNELS	4
DIMENSIONS	LxWxH (7"x1.77"x0.75")



#### RGB-DMX-5C-XLR

5-CHANNEL DMX DECODER

INPUT VOLTAGE	12V-24V DC
OUTPUT CURRENT	8A X 5CH
OUTPUT WATTAGE	5 x (96W ~ 192W)
OUTPUT CHANNELS	5
DIMENSIONS	LxWxH (6.45"x2.87"x1.5")



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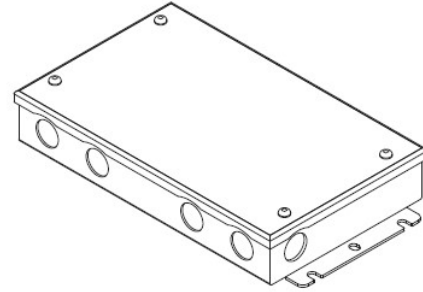
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### COMPATIBLE NON-DIMMING DRIVERS

#### PSHK SERIES

NON-DIMMING CONSTANT VOLTAGE WITH JUNCTION BOX

PSHK-30W-24V	CLASS 2	6.5" X 3.6" X 1.02"
PSHK-60W-24V	CLASS 2	7.4" X 3.62" X 1.02"
PSHK-96W-24V	CLASS 2	8.66" X 3.66" X 1.61"
PSHK-150W-24V		10.24" X 4.06" X 1.81"
PSHK-200W-24V		10.24" X 4.06" X 1.81"
PSHK-288W-24V	CLASS 2	11.85" X 4.25" X 1.82"
PSHK-300W-24V		10.24" X 4.25" X 1.81"

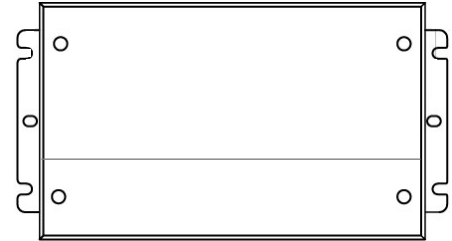


### COMPATIBLE DALI DIMMING DRIVERS

#### PSDE-96W-24V-UNV-DALI-2-DT8

DALI-2 DIMMING DRIVER

CLASS 2	Yes
INPUT VOLTAGE	100-277V AC
INPUT CURRENT	1.25A MAX
OUTPUT CURRENT	4A
MAX OUTPUT POWER	96W
DIMENSIONS	LxWxH (9.52" x 4.88" x 1.6")



\* Non-dimming driver not required.