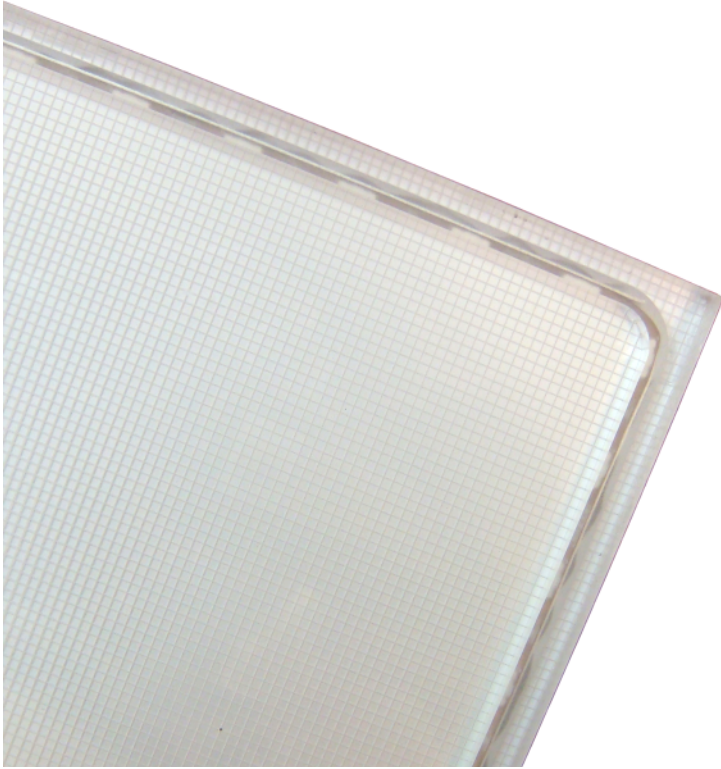


# LED LUMI-SHEET (LED LIGHT PANEL)



## **Customizable**

- Available in custom sizes & shapes
- Can be used in "frameless" designs

## **Bright & Even Illumination**

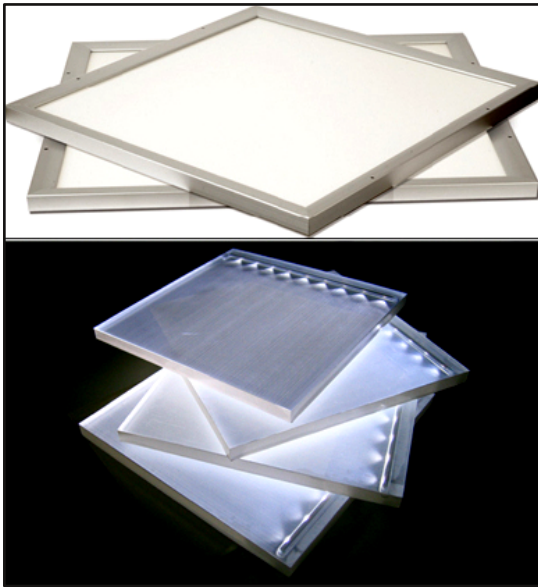
- High brightness
- Superior consistent light quality

## **Long Lifespan**

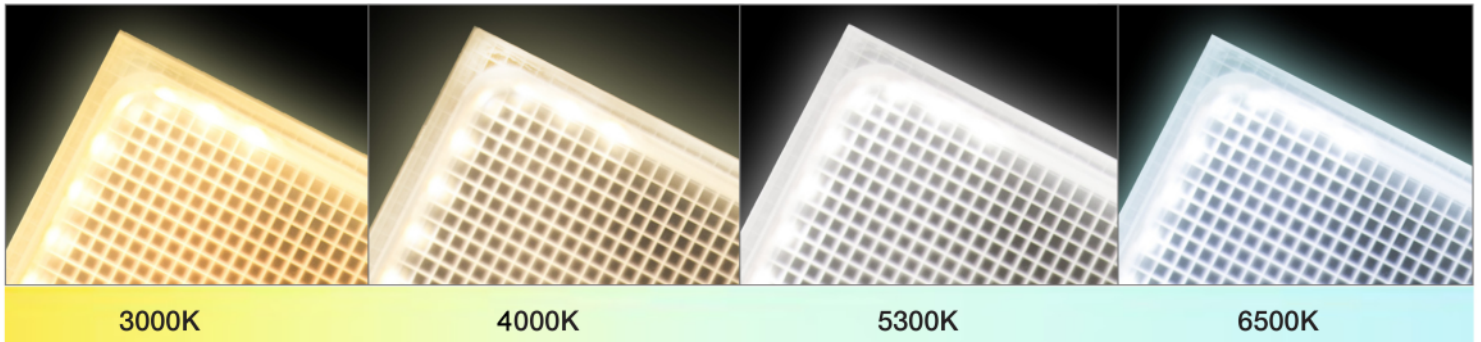
- Heat sink technology to maximize LED lifespan

## **Energy Efficient**

- Low power consumption
- Energy saving and maintenance free



LED Lumi-sheet is designed to emit a bright, even output of light across the entire surface of the panel. Unlike traditional light panels, which have the light source mounted on the exterior of the light guide plate, Lumi-sheet integrates high brightness LEDs and heat sink into the light guide plate which makes it possible to produce "frameless", rectangular or special shaped LED light panels for various application needs.



# LED LUMI-SHEET (LED LIGHT PANEL)

## SPECIFICATIONS

ELECTRICAL				
Input Voltage	12 Volt DC – Constant Voltage			
Power Consumption	4.0 Watt/ft (Standard LEDs)		5.0 Watt/ft (High Output LEDs)	
Wire Size	20 AWG 2 wire (Standard/HO LEDs)			
Wiring	Each panel must have direct connection to power supply. Do not wire panels in series.			
Connector	2.1/5.5mm barrel plug	3 pin molex		No connector
PHYSICAL				
Color Temperature	Warm White approx. 3000K	Neutral White approx. 4000K	Pure/Cool White approx. 5300K	Daylight approx. 6500K
Mounting Examples	Wall mounted with screws, Z-clips, U-channel, mirror clips or standoffs			
Operating Temperature	-30 °C(-22 °F) ~ +40 °C (+104 °F)			
Environment	Dry location (Standard)			
Thickness	8mm			
Minimum Size	2"W x 2"L x 5/16"D (50mm x 50mm x 8mm)			
Maximum Size	59"W x 118"L x 5/16"D (1499mm x 2997mm x 8mm)			
Weight	1.95 lbs/sq.ft		9.54 kg/sq.M	
STANDARD PLUG-IN POWER ADAPTORS				
Power Adaptors	12V DC, 1A, 12W		12V DC, 5A, 60W	
Spider Cables	PL-2: 2-way long spider cable	PL-4: 4-way long spider cable		PS-2 / PS-4 / PS-6: 2/4/6-way short spider
STANDARD HARDWARE POWER ADAPTORS				
Power Adaptors	60W 12V Hardwire power adaptor. Input 110V ~ 240V AC		150W 12V Hardwire power adaptor. Input 110V ~ 240V AC	

## BRIGHTNESS & POWER CONSUMPTION REFERENCE

SIZE (INCH)	SIZE (MM)	LED STRIP	AVERAGE SURFACE BRIGHTNESS (LUX)	POWER CONSUMPTION (W)
6 x 6	150 x 150	1 side	5,000 (DL)	2.0
12 x 12	300 x 300	1 side	3,500 (DL)	4.0
24 x 24	600 x 600	2 sides	2,800 (DL)	15.0
36 x 36	900 x 900	2 sides	2,000 (DL)	23.0
48 x 48	1200 x 1200	2 sides	1,800 (HO)	40.0
48 x 96	1200 x 2400	2 sides	1,800 (HO)	80.0
Ø 6	Ø 150	all around	17,000 (DL)	5.8
Ø 12	Ø 300	all around	11,000 (DL)	11.2
Ø 24	Ø 600	all around	4,500 (DL)	24.0
Ø 36	Ø 900	all around	3,000 (DL)	36.0
Ø 48	Ø 1200	all around	2,200 (DL)	48.0

The information presented here is accurate at time of publishing. Material, design and specifications may change without prior notice



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