LED Panel

spec sheet

Main Features
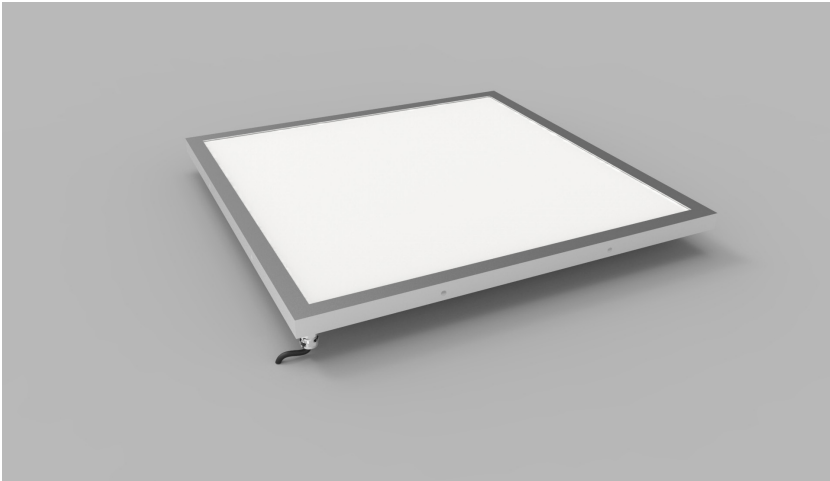
o Even surface illumination with minimal depth

o Polished stainless steel frame system for high end finish

o Trimless design available

o 50 000+ hr lifetime expectancy

o IP44 or IP65 interior/exterior application

o Hidden fixing to suit application

LED Panel by The Light Lab

LED Panel
LED Trimless Panel
LED Light Tile
Glowsheet

Product Details LED Panel

Specification

Dimensions	Max width - 1500mm
	Max length - 3000mm
	Min depth - 20mm
Colour	2.7K/3.0K/3.5K/4.0K/5.0K
	others on application
Input Voltage	24 Vdc
Power Consumption	Approx - 40W sq/M
IP Rating	IP44 or IP65
Lumen Output	c. 3200 lm/sq metre
Frame Finish	Stainless Steel or RAL to finish
Fixing	Wall or Ceiling

Order code
LED PANEL-WIDTH-LENGTH-DEPTH-COLOUR-IP-FINISH-FIXING
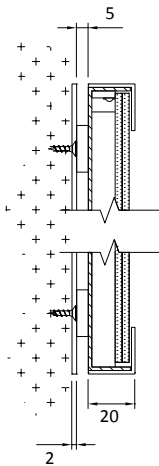e.g. LED PANEL-XXmm-XXmm-XXmm-2.7K-IP44-SS-MAGNET

WIDTH -	LENGTH -	DEPTH -	COLOUR -	IP -	FINISH -	FIXING
XXmm	XXmm	XXmm	2.7K	IP44	SS	Wall
			3.0K	IP65	RAL	Ceiling
			3.5K			
			4.0K			
			5.0K			

Drivers

non-dimmable power supplies:

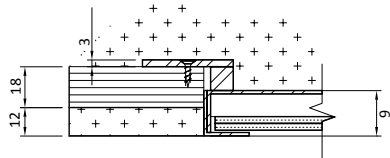1-10V /DALI/DMX dimmable power supplies to be ordered seperately

Please call our sales team who will make sure specification suits application
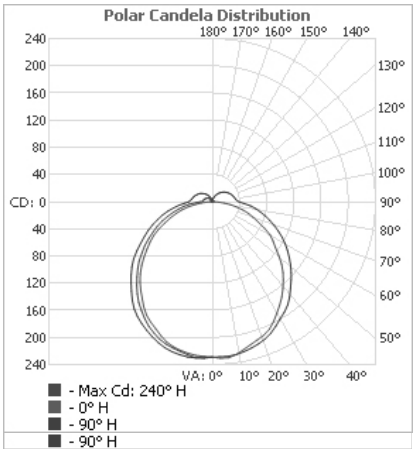
LED Panel by The Light Lab

Fixing Methods

WALL FIXING

CEILING FIXING

Photometric Info

Polar Candela Distribution

- Max Cd: 240° H
- 0° H
- 90° H
- 90° H

Product Details LED Trimless Panel

Specification

	SO	HO
Dimensions	Max width - 1500mm Max length - 3000mm Standard depth - 50mm	Max width - 1500mm Max length - 3000mm Standard depth - 50mm
Colour	2.7K/3.0K/3.5/4.0K/5.0K others on application	2.7K/3.0K/3.5/4.0K/5.0K others on application
Input Voltage	24Vdc	24Vdc
Power Consumption	max 56W/sq m	155W/sq m
IP Rating	IP44 or IP65	IP 44 or IP 65
Lumen Output	max 3200 lm/ sq m	9525 lm/ sq m
Frame Finish	White	White
Fixing	Wall or Ceiling	Wall or Ceiling

Order code

LED TRIMLESS PANEL-WIDTH-LENGTH-DEPTH-COLOUR-IP-FINISH-FIXING
e.g. LED TRIMLESS PANEL-XXmm-XXmm-XXmm-2.7K-IP44-SS-MAGNET

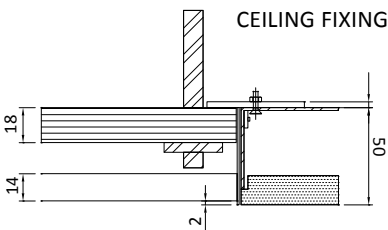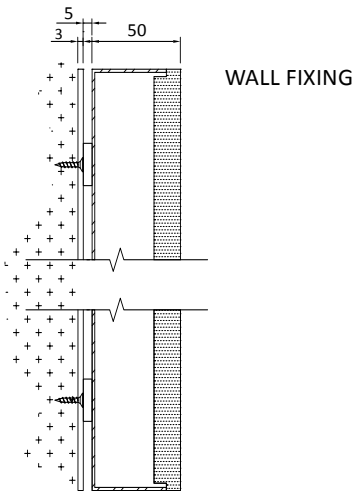| WIDTH -	LENGTH -	DEPTH -	COLOUR -	IP -	FINISH -	FIXING
XXmm	XXmm	XXmm	2.7K 3.0K 3.5K 4.0K 5.0K	IP44 IP65	White	Wall Ceiling

Drivers

non-dimmable power supplies:

1-10V /DALI/DMX dimmable power supplies to be ordered seperately

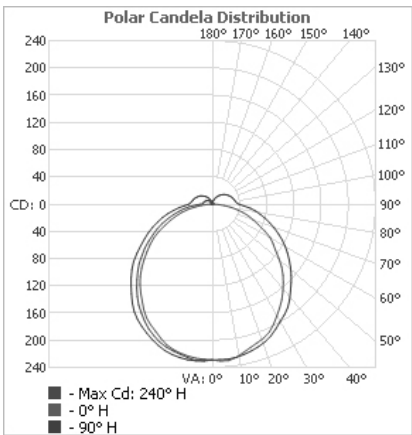Please call our sales team who will make sure specification suits application

LED Panel by The Light Lab
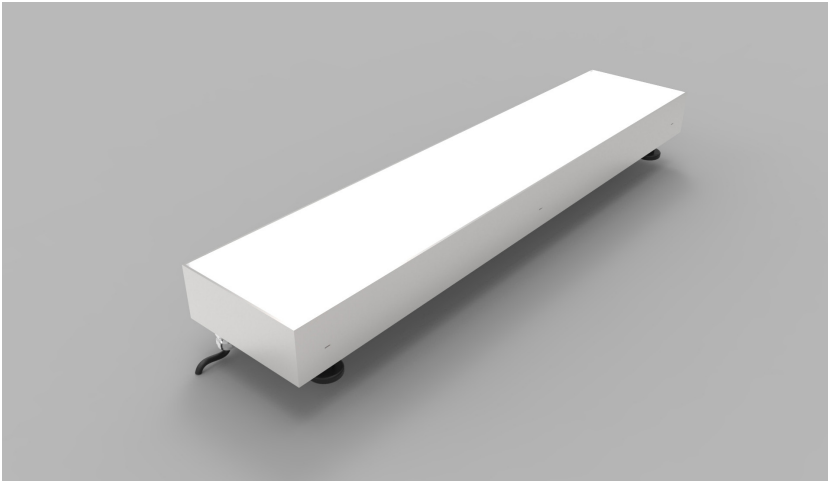
Fixing Methods

WALL FIXING

CEILING FIXING

Photometric Info

Polar Candela Distribution

- Max Cd: 240° H
- 0° H
- 90° H

Product Details LED Light Tile

Specification

Dimensions	Max width - 1000mm
	Max length - 1500mm
	Min depth - 80mm
Colour	2.7K/3.0K//4.0K/5.0K or RGB
Input Voltage	24 Vdc
Power Consumption	Approx - 40W sq/M
IP Rating	IP67
Finish	316 Stainless Steel
Loadings	Drive Over or Walk Over Loadings to suit
Fixings	Adjustable feet

Order code
LED LIGHT TILE-WIDTH-LENGTH-DEPTH-COLOUR-IP-LOADINGS
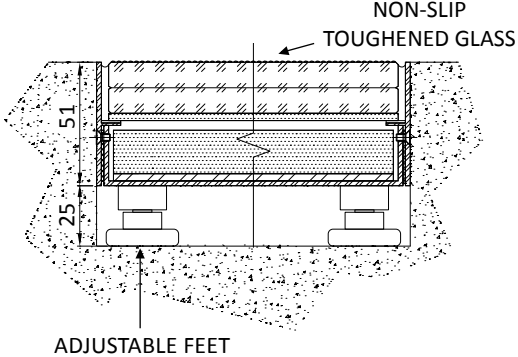e.g. LED TRIMLESS PANEL-XXmm-XXmm-2.7K-IP67-SS-DO

WIDTH -	LENGTH -	DEPTH -	COLOUR -	IP -	FINISH -	LOADINGS
XXmm	XXmm	XXmm	2.7K	IP67	SS	DO
			3.0K			WO
			4.0K			
			5.0K			
			RGB			

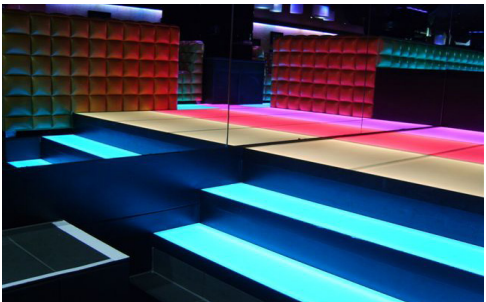| Drivers |
| --- |
| non-dimmable power supplies: |
| 1-10V /DALI/DMX dimmable power supplies to be ordered seperately |

Please call our sales team who will make sure specification suits application

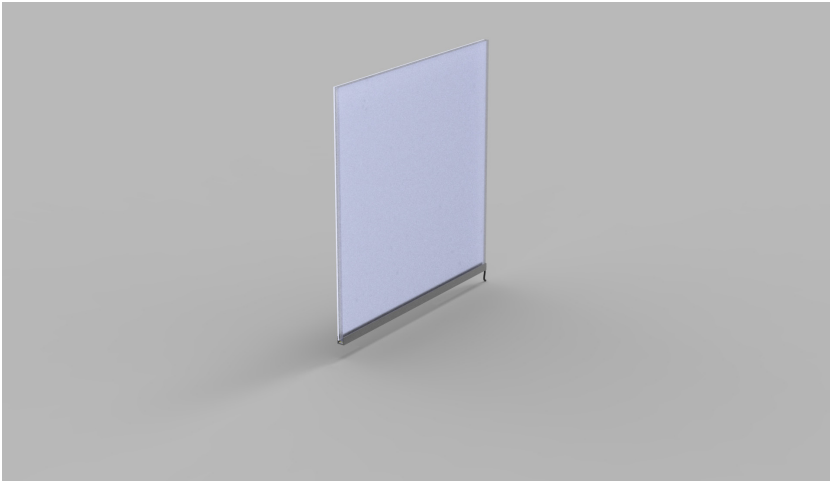LED Panel by The Light Lab

X-Section

NON-SLIP
TOUGHENED GLASS

51

25

ADJUSTABLE FEET

Project Examples

Product Details Glowsheet

Specification

Dimensions	Max width - 2000mm Max length - 3000mm
Material Thickness	5mm/8mm/10mm or 12mm
LED Colours	2.7K/3.0K/3.5K/4.0K/5.0K/ or Single Colours to suit RGB/RGBCW/RGBWW or White Mix 3.0K/5.0K
Input Voltage	24Vdc
IP Rating	IP20 or IP65
Frame Finish	Aluminium

Order code

GLOWSHEET-WIDTH-LENGTH-THICKNESS-COLOUR-IP-FINISH

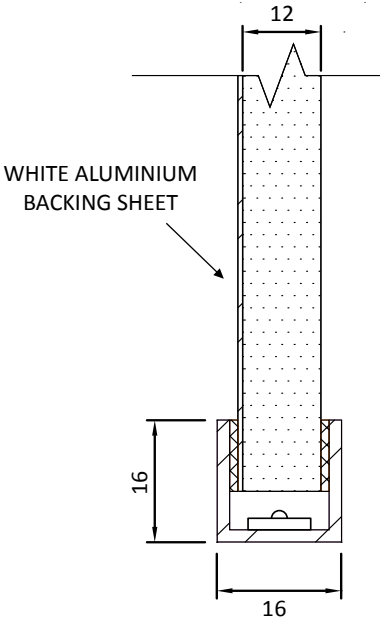e.g. GLOWSHEET-XXmm-XXmm-XXmm-2.7K-IP20-ALI

WIDTH -	LENGTH -	THICKNESS -	COLOUR -	IP -	FINISH
XXmm	XXmm	5mm	2.7K	IP20	ALI
		8mm	3.0K	IP65	
		10mm	3.5K		
			4.0K		
			5.0K		
			RGB		
			RGBCW		
			RGBWW		
			WM 3.0K		
			WM 5.0K		

Drivers

non-dimmable power supplies:

1-10V /DALI/DMX dimmable power supplies to be ordered seperately

Please call our sales team who will make sure specification suits application

LED Panel by The Light Lab
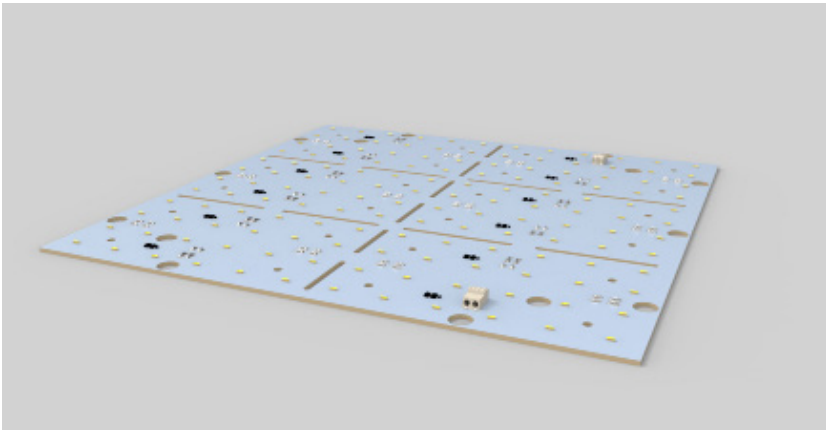
Typical X-Section

WHITE ALUMINIUM BACKING SHEET

Project Examples

Product Details: LED Matrix

Specification

	SO	HO
Dimension	275mm x 275mm	275mm x 275mm
Colour	2.7K/3.0K/4.0K/5.0K	2.7K/3.0K/4.0K/5.0K
Input Voltage	24Vdc	24Vdc
Power Consumption	39mm	22mm
LED Pitch	8.4W	11.5W
Luminaire Efficiency	120 lm/W	120 lm/W
Operating Temp	-15 ° + to 40 °	-15 ° + to 40 °

Order code

LinLED MATRIX-DIM-output-COLOUR-PITCH
e.g. LED MATRIX-XX-SO-3.0K-39mm

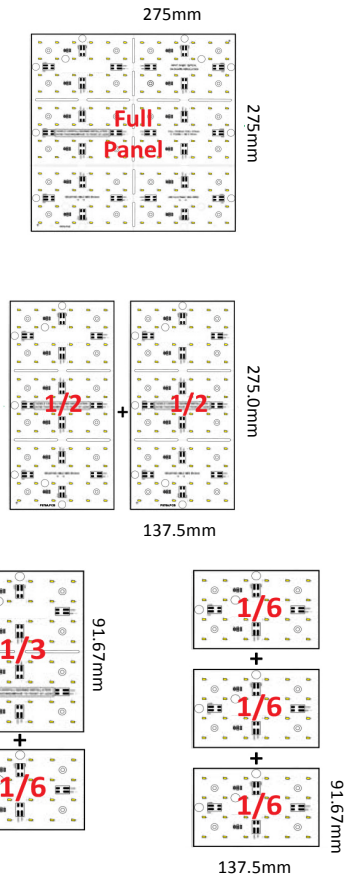| DIM -	OUTPUT -	COLOUR -	PITCH
XXmm	SO	2.7K	39mm
	HO	3.0K	22mm
		4.0K	
		5.0K	

Drivers

non-dimmable power supplies:

1-10V /DALI/DMX dimmable power supplies to be ordered seperately

Please call our sales team who will make sure specification suits application

Linear LED Lighting by The Light Lab

Project Example

Project Images

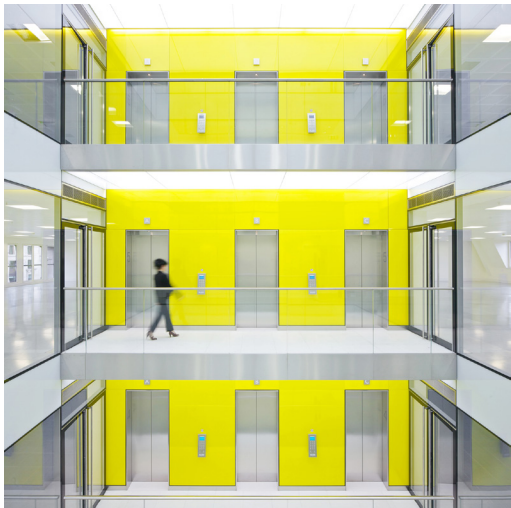**Sadler's Wells Theatre**

Breakspear Park

Victoria Marketing Suite

One Canada Sqaure