



# LED Panel

spec sheet

## Main Features

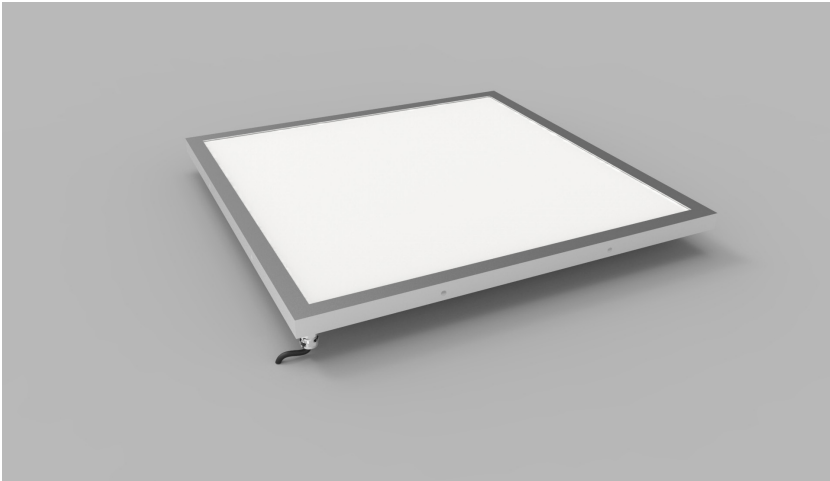
- Even surface illumination with minimal depth
- Polished stainless steel frame system for high end finish
- Trimless design available
- 50 000+ hr lifetime expectancy
- IP44 or IP65 interior/exterior application
- Hidden fixing to suit application

LED Panel by The Light Lab



LED Panel  
LED Trimless Panel  
LED Trimless Lightbox  
LED Trimless Ceiling Panel  
LED Light Tile  
Glow sheet  
LED Matrix

# 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

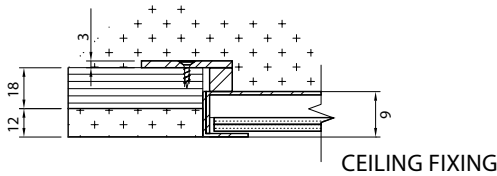
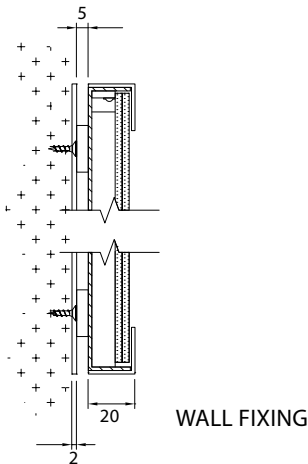
WIDTH -	LENGTH -	DEPTH -	COLOUR -	IP -	FINISH -	FIXING
XXmm	XXmm	XXmm	2.7K	IP44	SS	Wall
			3.0K	IP65	RAL	Ceiling
			3.5K			
			4.0K			
			5.0K			

**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  
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## Fixing Methods



## Project Images



The Light Lab  
22 Holywell Row  
London EC2A 4JB  
United Kingdom  
+44 (0) 207 278 2678  
@thelightlabltd  
www.thelightlab.com

# 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		
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

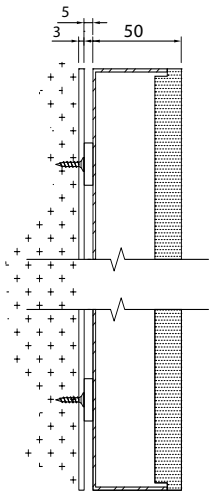
WIDTH -	LENGTH -	DEPTH -	COLOUR -	IP -	FINISH -	FIXING
XXmm	XXmm	XXmm	2.7K	IP44	White	Wall
			3.0K	IP65		Ceiling
			3.5K			
			4.0K			
			5.0K			

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

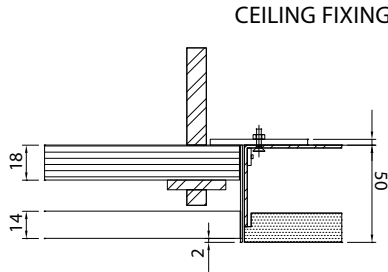
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LED Trimless Panel by The Light Lab



## Fixing Methods



WALL FIXING



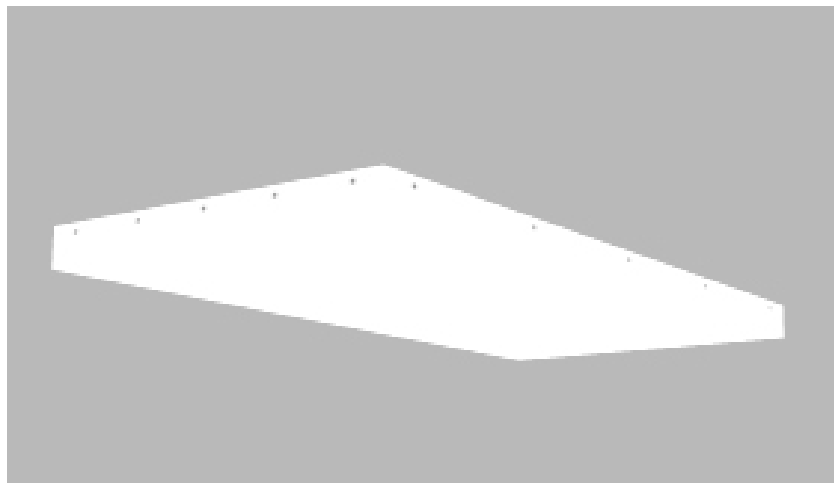
CEILING FIXING

## Project Images



The Light Lab  
22 Holywell Row  
London EC2A 4JB  
United Kingdom  
**+44 (0) 207 278 2678**  
**@thelightlabltd**  
**www.thelightlab.com**

# Product Details LED Trimless Lightbox



## Specification

	SO	HO
Dimensions	Max 1.5m x 3.0m 80mm Depth	Max 1.5m x 3.0m 50mm Depth
Colour		2.7K/3.0K/3.2K/3.5K/3.8K/4.0K/5.0K
Input Voltage	24VDC	24VDC
Power Consumption	110W/sqm	150W/sqm
IP Rating	IP44	IP44
Lumen Output	84 lm/W	84 lm/W
Frame Finish	Acrylic	Acrylic
Fixing	Rod or Fastmount	Rod or Fastmount

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

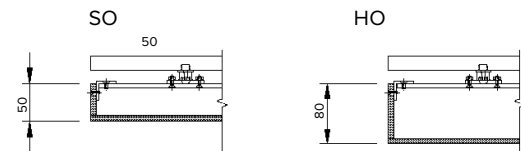
FIXING WIDTH - LENGTH - DEPTH - COLOUR - IP - FINISH -  
XXmm XXmm XXmm 2.7K IP44 Acrylic  
3.0K  
3.2K  
3.5K  
3.8K  
4.0K/5.0K

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

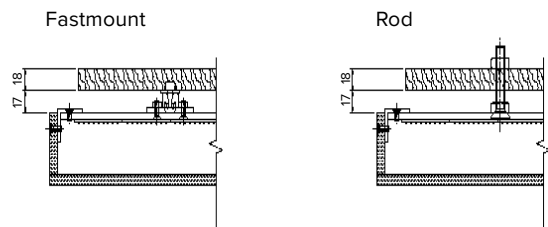
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LED TRIMLESS LIGHTBOX by The Light Lab



## X-SECTION



## FIXINGS



## Project images



The Light Lab  
22 Holywell Row  
London EC2A 4JB  
United Kingdom  
+44 (0) 207 278 2678  
@thelightlabltd  
www.thelightlab.com



# Product Details LED Trimless Ceiling Panel



## Specification

	SO	HO
Dimensions	Max 3.0M x 1.2M x 80mm depth	Max 3.0m x 12.M x 50mm depth
Colour		
Input Voltage	24VDC	24VDC
Power Consumption	110W/sqm	150W/sqm
IP Rating	IP44	IP44
Lumen Output	95 lm/W	95 lm/W
Frame Finish	RAL t.b.c.	RAL t.b.c.
Fixing	PIN fixings or fastmount	PIN fixings or fast-mount

### Order code

LED TRIMLESS CEILING PANEL-WIDTH-LENGTH-DEPTH-COLOUR-IP-FINISH-FIXING  
e.g. LED TRIMLESS CEILING PANEL-XXmm-XXmm-XXmm-2.7K-IP44-WHITE-FRAME

WIDTH	LENGTH	DEPTH	COLOUR	IP	FINISH	FIXING
XXmm	XXmm	XXmm	2.7K	IP44	White	PIN fixings
			3.0K			Frame
			3.2K			
			3.5K			
			4.0K			
			5.0K			

### Drivers

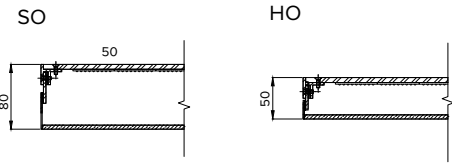
non-dimmable power supplies:

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

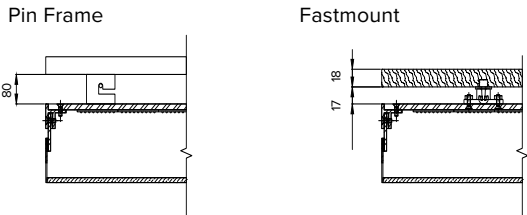
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LED Trimless Ceiling Panel by The Light Lab



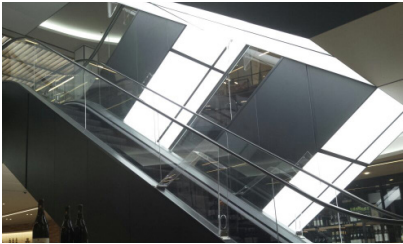
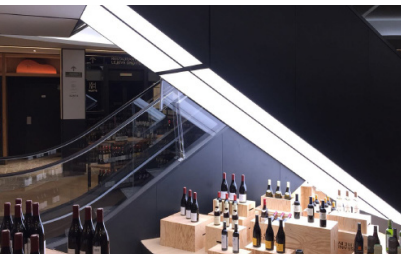
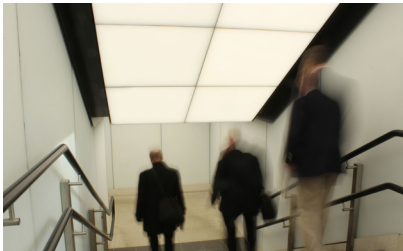
## X-SECTION



## FIXING OPTION

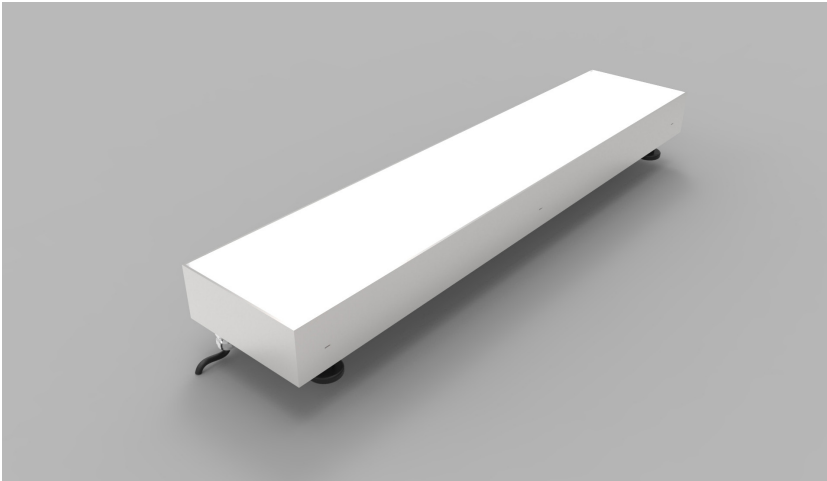


## Project images



The Light Lab  
22 Holywell Row  
London EC2A 4JB  
United Kingdom  
+44 (0) 207 278 2678  
@thelightlabltd  
www.thelightlab.com

# 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

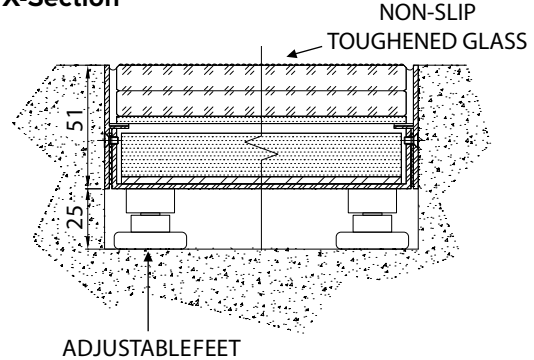
WIDTH	-	LENGTH	-	DEPTH	-	COLOUR	-	IP	-	FINISH	-	LOADINGS
XXmm		XXmm		XXmm		2.7K		IP67		SS		DO
						3.0K						WO
						4.0K						
						5.0K						
						RGB						

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

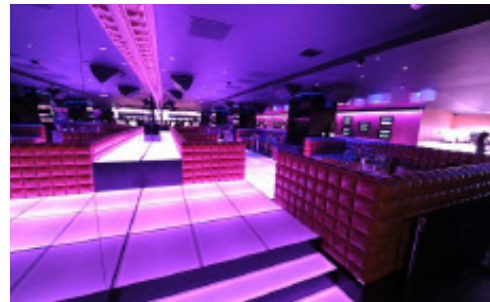
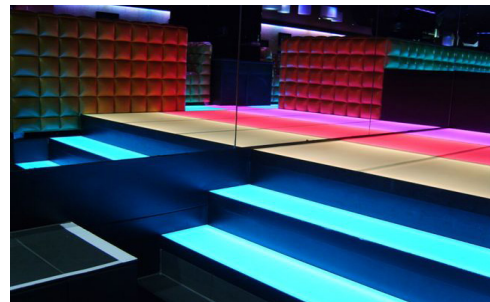
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LED Panel by The Light Lab



## X-Section

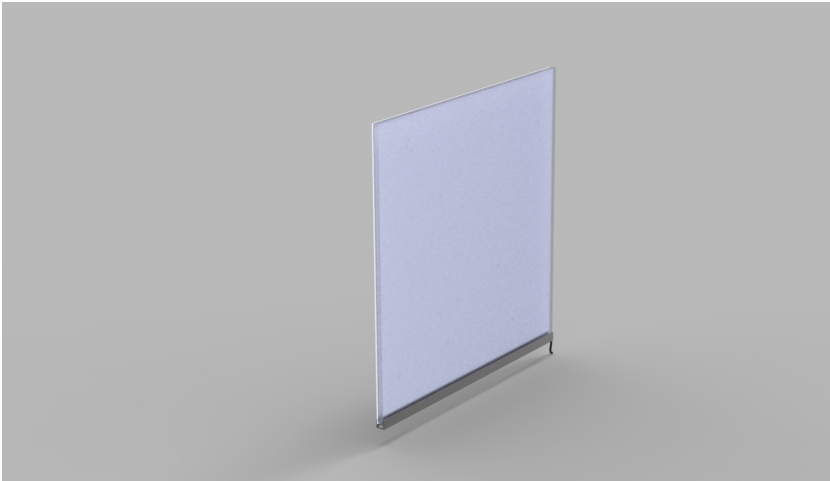


## Project Examples



The Light Lab  
22 Holywell Row  
London EC2A 4JB  
United Kingdom  
+44 (0) 207 278 2678  
@thelightlabltd  
www.thelightlab.com

# 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 2.7K/6.5K
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 - XXmm	LENGTH - XXmm	THICKNESS - 5mm 8mm 10mm	COLOUR - 2.7K 3.0K 3.5K 4.0K 5.0K RGB RGBCW RGBWW WM 3.0K WM 5.0K	IP - IP20 IP65	FINISH ALI
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Drivers

non-dimmable power supplies:

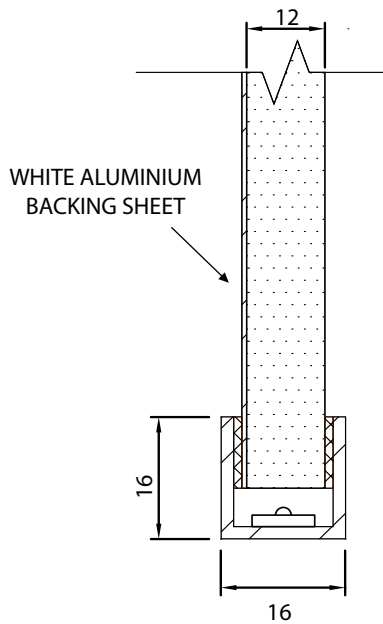
1-10V /DALI/DMX dimmable power supplies to be ordered seperately

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## Typical X-Section

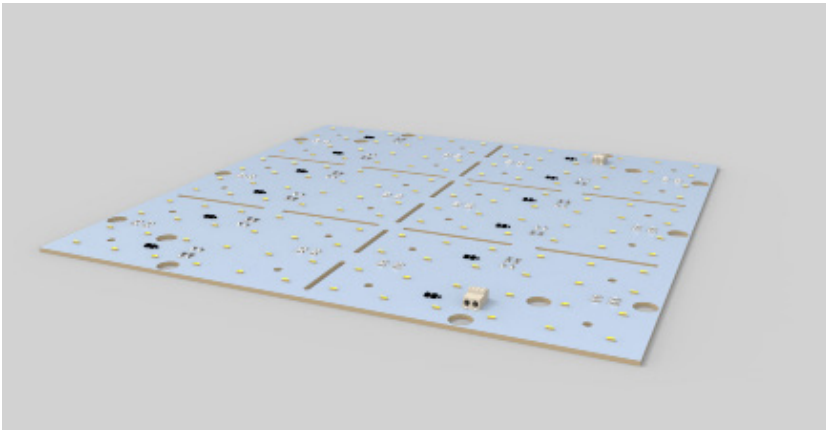


## Project Examples



The Light Lab  
22 Holywell Row  
London EC2A 4JB  
United Kingdom  
+44 (0) 207 278 2678  
@thelightlabltd  
www.thelightlab.com

# Product Details: LED Matrix



## Specification

	SO	HO	W/Mix
Dimension	275mm x 275mm	275mm x 275mm	275mm x 275mm
Colour	2.7K/3.0K/3.2K/ 3.5K/4.0K/5.0K	2.7K/3.0K/3.2K/ 3.5K/4.0K/5.0K	2.7K/6.9K
Input Voltage	24Vdc	24Vdc	24Vdc
Power Consumption	8.4W	11.5W	17.2W
LED Pitch	39mm	22mm	39mm
Luminaire Efficiency	120 lm/W	120 lm/W	110 lm/W
Operating temp	-15 ° + to 40 °	-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
		W/MIX		3.2K		
				3.5K		
				4.0K		
				5.0K		
				6.9K		

### Drivers

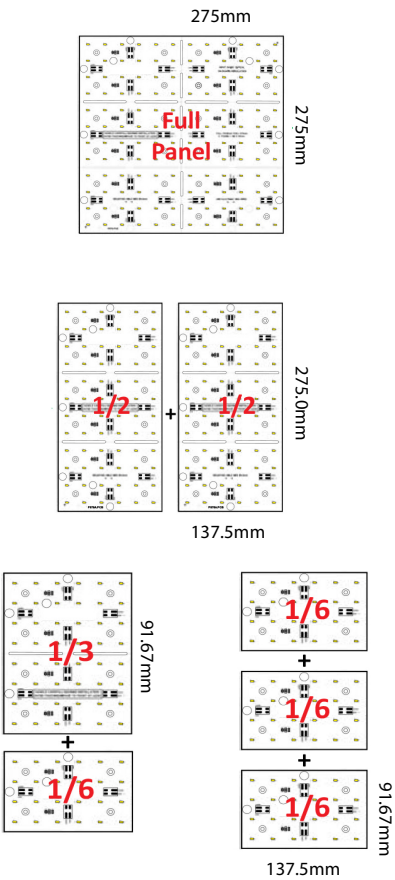
non-dimmable power supplies:  
1-10V /DALI/DMX dimmable power supplies to be ordered seperately

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Linear LED Lighting by The Light Lab



## X-Sections



## Project Example



The Light Lab  
22 Holywell Row  
London EC2A 4JB  
United Kingdom  
+44 (0) 207 278 2678  
@thelightlabtd  
www.thelightlab.com



Project Images



Sadler's Wells Theatre



Wallbrook



Ropemaker Place



Breakspear Park



48 Leicester Square



Waterloo Station



One Canada Square