



LED Panel

spec sheet

Main Features

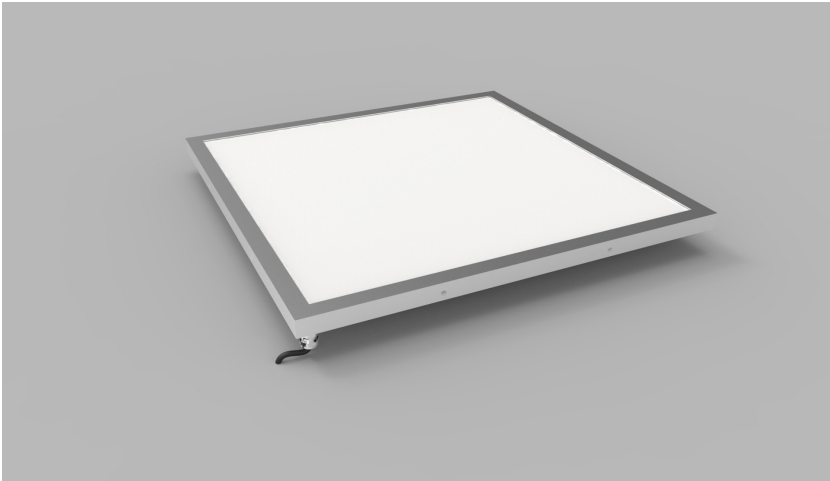
- Even surface illumination with minimal depth
- Polished stainless steel frame system for high end finish
- Trimless design available
- 50 000+ hr lifetime expectancy
- IP44 or IP65 interior/exterior application
- Hidden fixing to suit application

LED Panel by The Light Lab



LED Panel
LED Trimless Panel
LED Trimless Lightbox
LED Trimless Ceiling Panel
LED Light Tile
Glowsheet
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

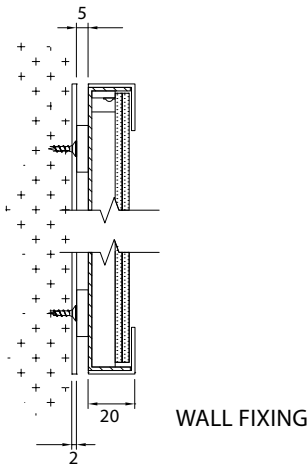
WIDTH -	LENGTH -	DEPTH -	COLOUR -	IP -	FINISH -	FIXING
XXmm	XXmm	XXmm	2.7K	IP44	SS	Wall
			3.0K	IP65	RAL	Ceiling
			3.5K			
			4.0K			
			5.0K			

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

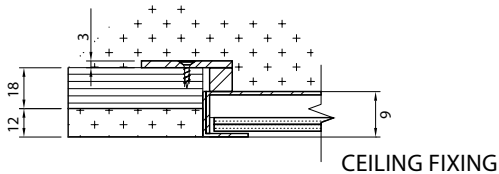
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LED Panel by The Light Lab



Fixing Methods



WALL FIXING



CEILING FIXING

Project Images



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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/3.2K/ 3.8K/4.0K/5K	2.7K/3.0K/3.2K/ 3.8K/4.0K/5K
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:

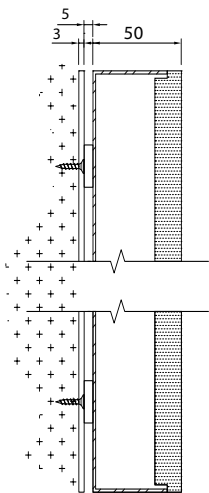
1-10V /DALI/DMX dimmable power supplies to be ordered seperately

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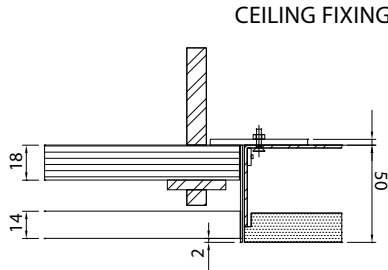
LED Trimless Panel by The Light Lab



Fixing Methods



WALL FIXING



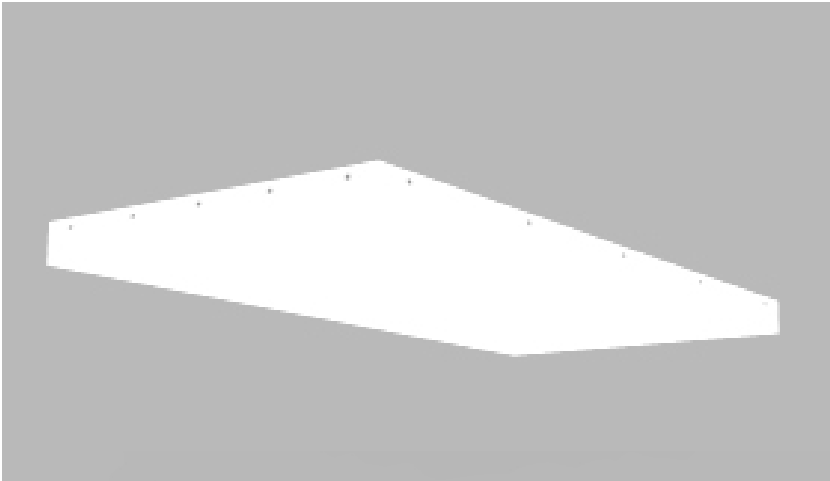
CEILING FIXING

Project Images



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Product Details LED Trimless Lightbox



Specification

	SO	HO
Dimensions	Max 1.0m x 3.0m 80mm Depth	Max 1.0m x 3.0m 50mm Depth
Colour	2.7K/3.0K/3.2K/ 3.8K/4.0K/5K	2.7K/3.0K/3.2K/ 3.8K/4.0K/5K
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

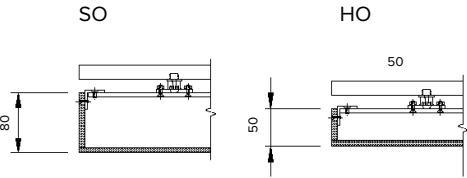
non-dimmable power supplies:
1-10V /DALI/DMX dimmable power supplies to be ordered seperately

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LED TRIMLESS LIGHTBOX by The Light Lab

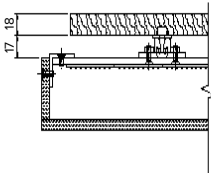


X-SECTION

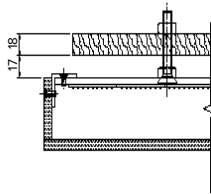


FIXINGS

Fastmount



Rod



Project images



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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	2.7K/3.0K/3.2K/ 3.8K/4.0K/5K	2.7K/3.0K/3.2K/ 3.8K/4.0K/5K
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 fastmount

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

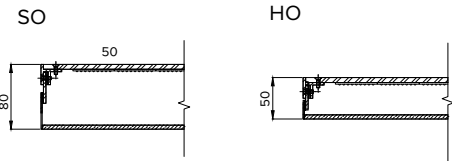
non-dimmable power supplies:

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

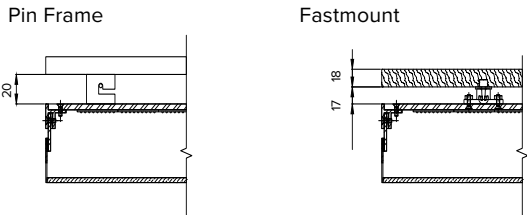
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LED Trimless Ceiling Panel by The Light Lab



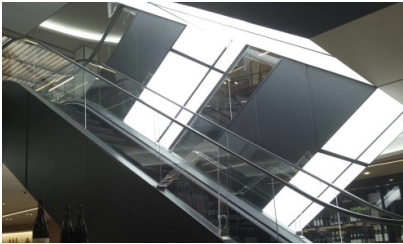
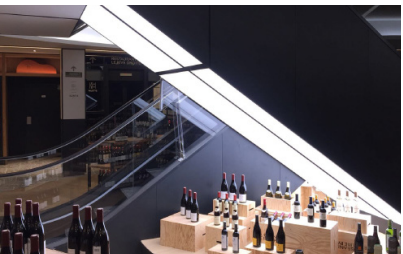
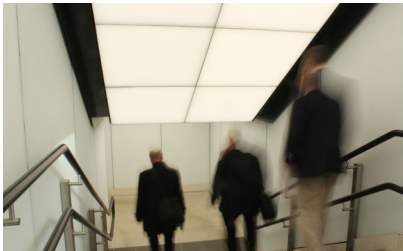
X-SECTION



FIXING OPTION

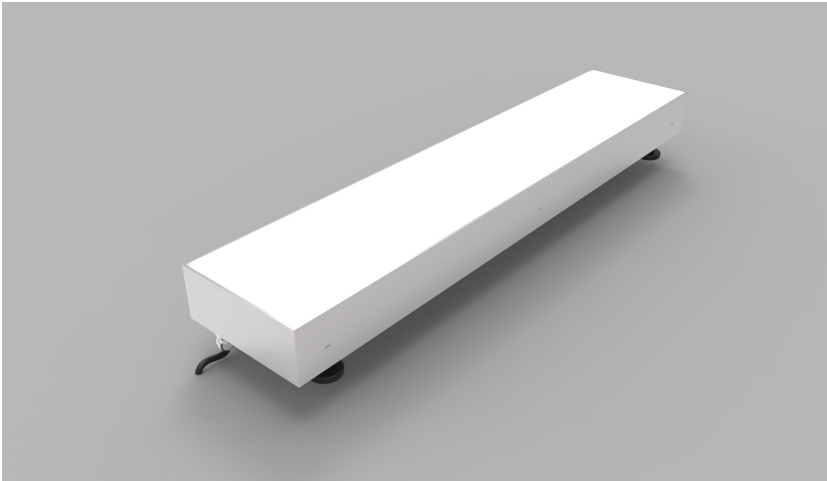


Project images



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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

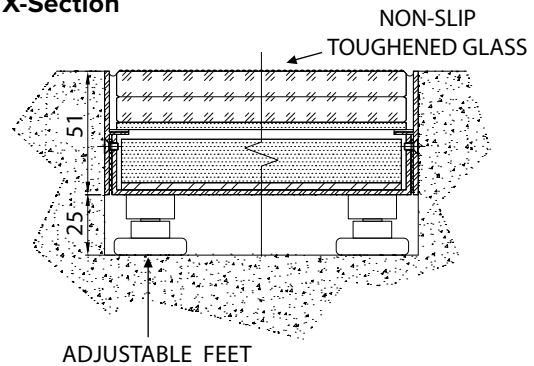
WIDTH	-	LENGTH	-	DEPTH	-	COLOUR	-	IP	-	FINISH	-	LOADINGS
XXmm		XXmm		XXmm		2.7K		IP67		SS		DO
						3.0K						WO
						4.0K						
						5.0K						
						RGB						

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

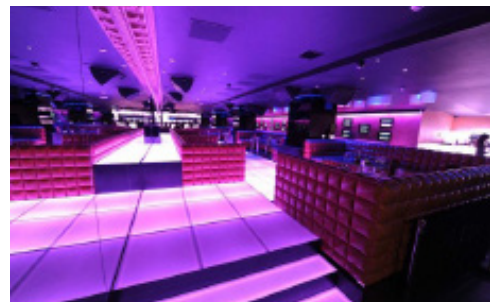
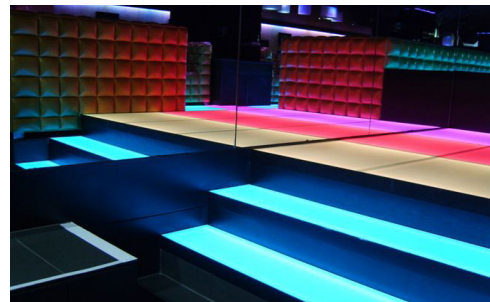
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LED Panel by The Light Lab



X-Section

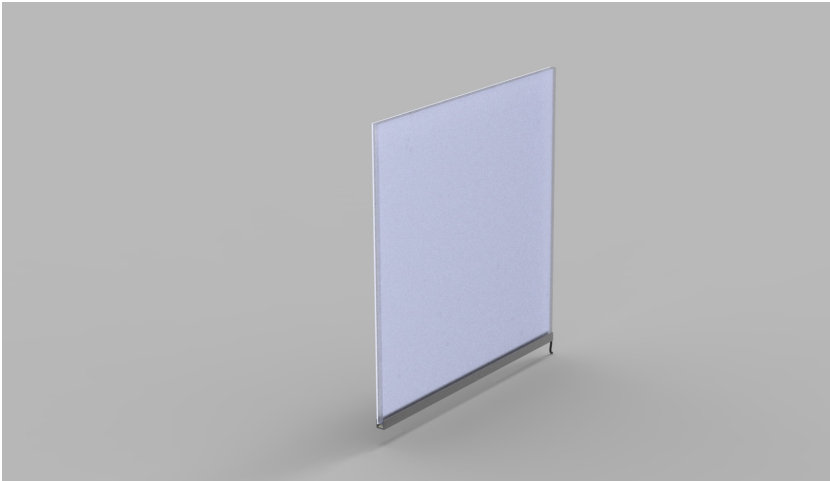


Project Examples



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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

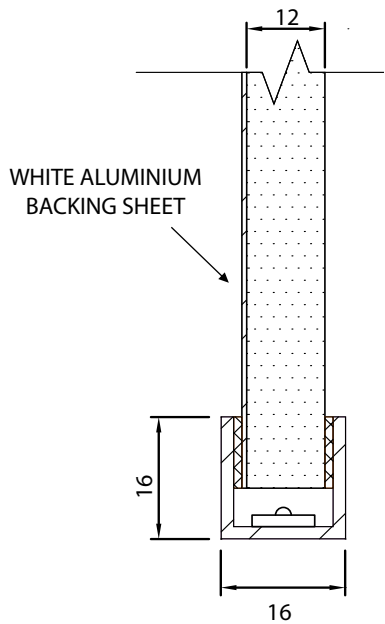
WIDTH -	LENGTH -	THICKNESS -	COLOUR -	IP -	FINISH
XXmm	XXmm	5mm	2.7K	IP20	ALI
		8mm	3.0K	IP65	
		10mm	3.5K		
			4.0K		
			5.0K		
			RGB		
			RGBCW		
			RGBWW		
			WM 3.0K		
			WM 5.0K		

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

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LED Panel by The Light Lab



Typical X-Section

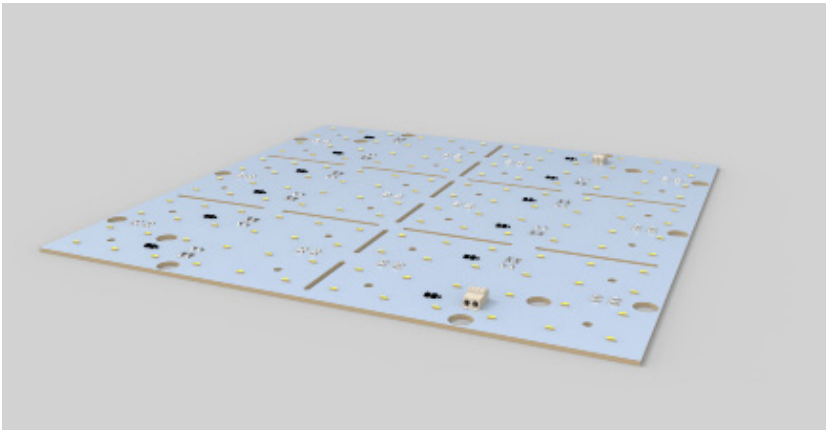


Project Examples



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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		

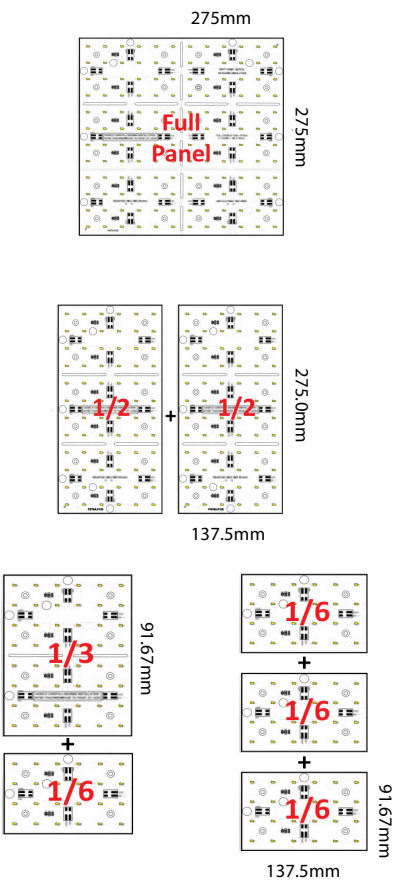
Drivers

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

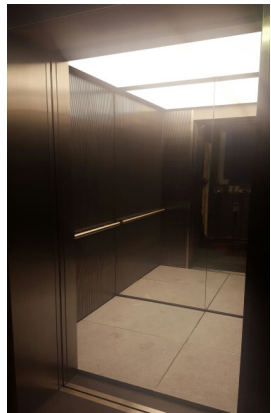
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Linear LED Lighting by The Light Lab



X-Sections



Project Example



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Project Images



Sadler's Wells Theatre



Wallbrook



Ropemaker Place



Breakspear Park



48 Leicester Square



Waterloo Station



One Canada Square