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

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	IP44 or IP65
Lumen Output	max 3200 lm/ sq m	9525 lm/ sq m
Frame Finish	White	White
Fixing	Wall or Ceiling	Wall or Ceiling

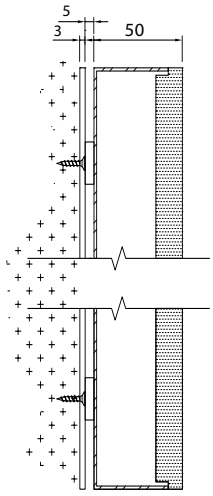
Order code
LED TRIMLESS PANEL-WIDTH-LENGTH-DEPTH-COLOUR-IP-FINISH-FIXING
e.g. LED TRIMLESS PANEL-XXmm-XXmm-XXmm-2.7K-IP44-SS-MAGNET

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 separately

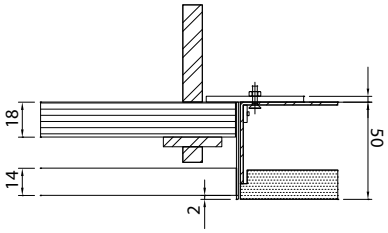
Please call our sales team who will make sure specification suits application

Fixing Methods



WALL FIXING

CEILING FIXING



Project Images

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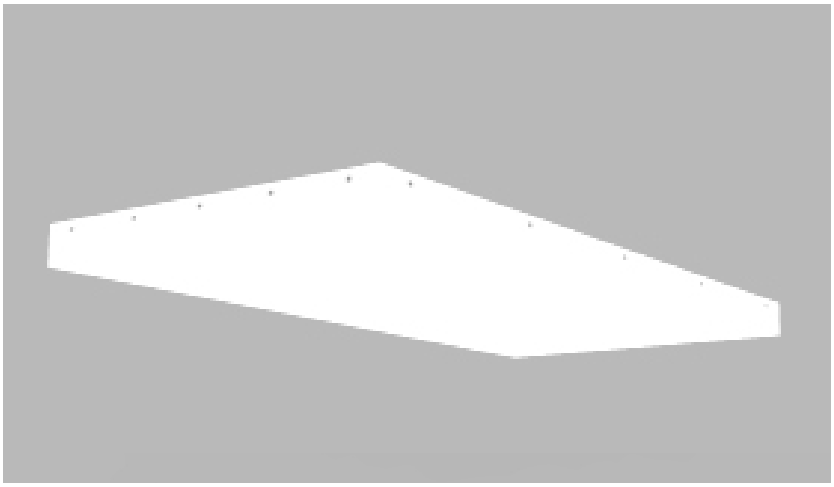
Product Details LED Trimless Lightbox



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/5.0K	2.7K/3.0K/3.2K/ 3.8K/4.0K/5.0K
Input Voltage	24Vdc	24Vdc
Power Consumption	110W/sqm	150W/sqm
IP Rating	IP44	IP44
Lumen Output	84 lm/sqm	84 lm/sqm
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 3.0K 3.2K 3.8K 4.0K 5.0K		IP44		ACRYLIC

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

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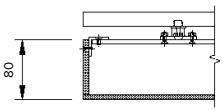
X-SECTION

SO



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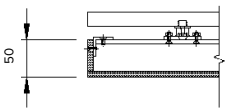
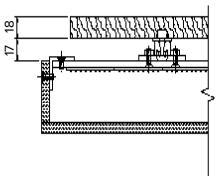
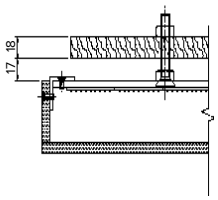


FIXINGS

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 12m 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	9500 lm/sqm	1300 lm/sqm
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

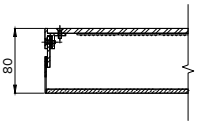
WIDTH	LENGTH	DEPTH	COLOUR	IP	FINISH	FIXING
XXmm	XXmm	XXmm	2.7K 3.0K 3.2K 3.5K 4.0K 5.0K	IP44	White	PIN fixings Frame

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

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

X-SECTION

SO



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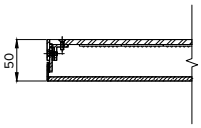
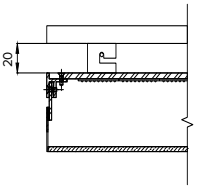
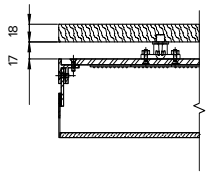


FIXING OPTION

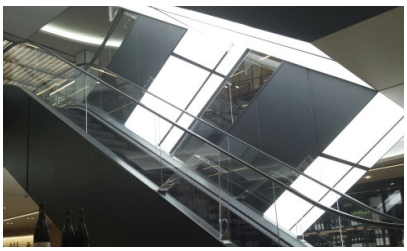
Pin Frame



Fastmount



Project images



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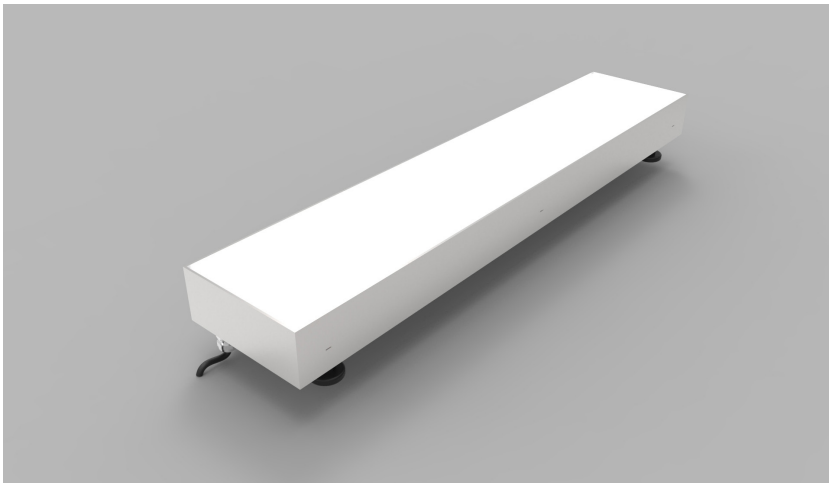
Product Details LED Light Tile



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/sqm
IP Rating	IP67
Finish	316 Stainless Steel
Loadings	Drive Over or Walk Over Loadings to suit
Fixings	Adjustable feet

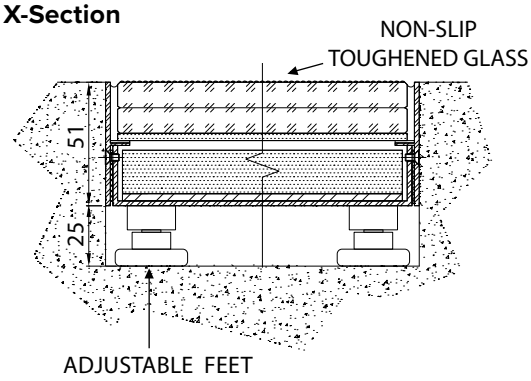
Order code
LED LIGHT TILE-WIDTH-LENGTH-DEPTH-COLOUR-IP-LOADINGS
e.g. LED TRIMLESS PANEL-XXmm-XXmm-2.7K-IP67-SS-DO

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

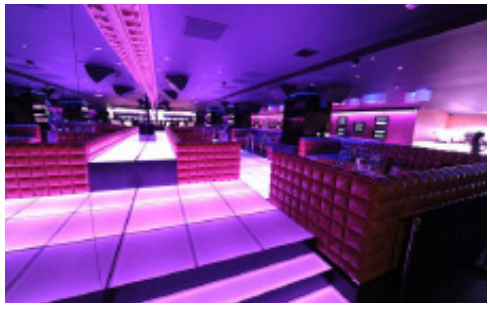
Drivers
non-dimmable power supplies:
1-10V /DALI/DMX dimmable power supplies to be ordered separately

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

X-Section



Project Examples



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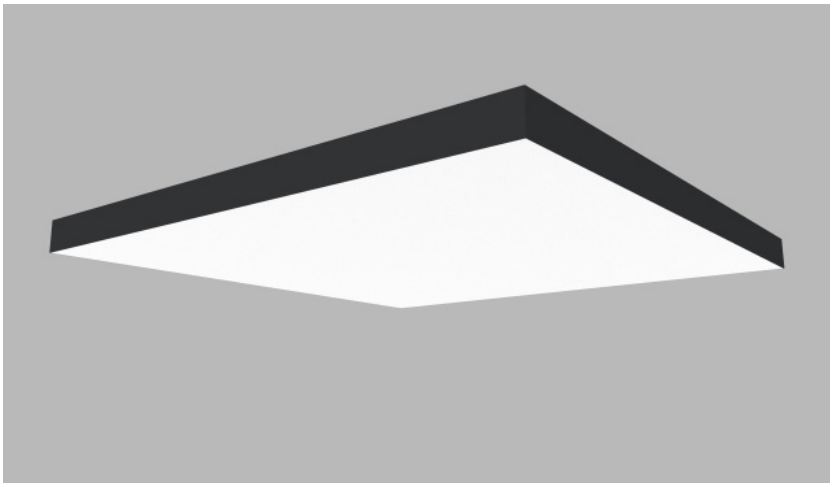
Product Details Glowscreen



Specification

	SO	HO
Size	Up to 5m x 50m	Up to 5m x 50m
Height	125mm	65mm
Depth	120mm	65mm
LED Option	3000K/4000K/ 5000K/RGB/RGBW/ RGBWW	3000K/4000K/ 5000K/RGB/RGBW/ RGBWW
Input Voltage	24VDC	24VDC
Efficacy	140W/m2	176W/m2
IP Rating	IP44	IP44
Luminaire Lumens	9500 lms/m2	12100 lms/m2
CRI	>80	>80
LED Drivers	Dali Dimmable/110/DMX	Dali Dimmable/110/DMX

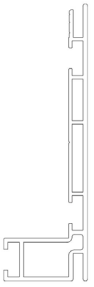
Order code
GLOWSCREEN-SIZE-HEIGHT-DEPTH-LED-IP
e.g. GLOWSCREEN-XXmm-XXmm-XXmm-3.0K-IP44

SIZE	-	HEIGHT	-	DEPTH	-	LED	-	IP
XXmm		XXmm		65mm		3.0K		IP44

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

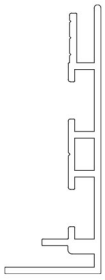
Please call our sales team who will make sure specification suits application

X Section

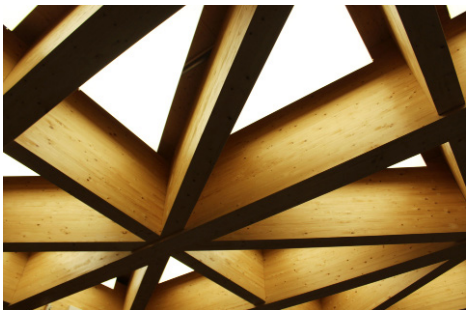


Profile 120
Standard Output

Profile 65
High output



Project images



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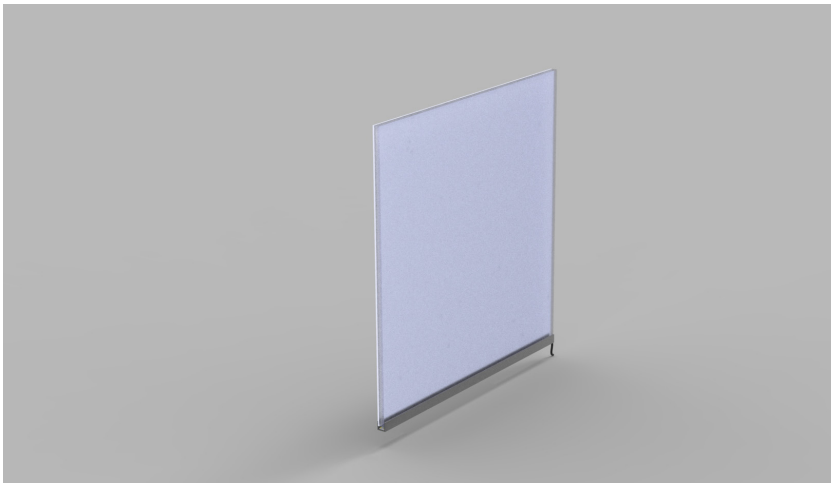
Product Details Glowsheet



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 2.6K		
			WM 6.5K		

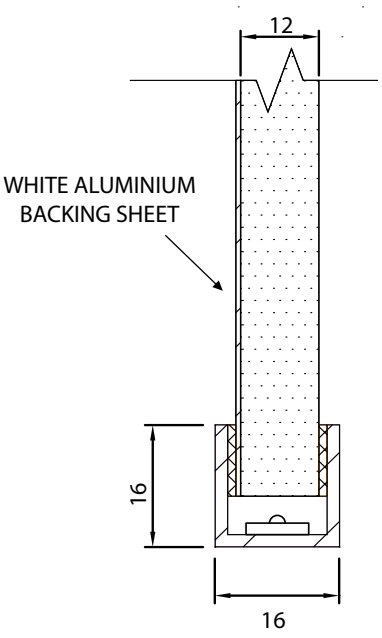
Drivers

non-dimmable power supplies:

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

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

Typical X-Section



Project Examples

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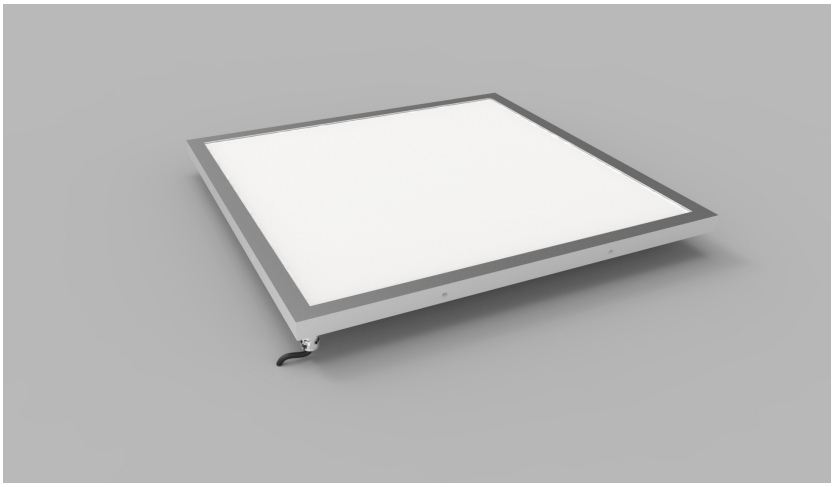
Product Details LED Panel



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/ sqm**
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

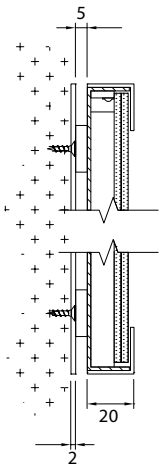
WIDTH	LENGTH	DEPTH	COLOUR	IP	FINISH	FIXING
XXmm	XXmm	XXmm	2.7K	IP44	SS	Wall
			3.0K	IP65	RAL	Ceiling
			3.5K			
			4.0K			
			5.0K			

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

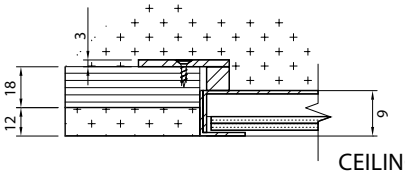
Please call our sales team who will make sure specification suits application

LED Panel by The Light Lab

Fixing Methods



WALL FIXING



CEILING FIXING

Project Images

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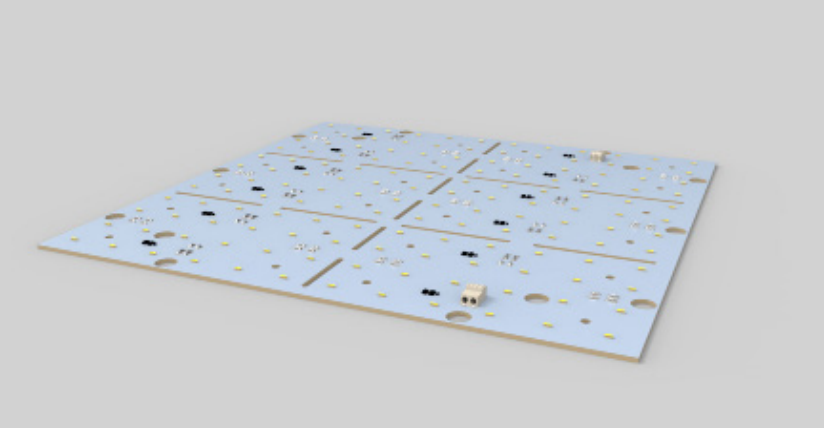
Product Details: LED Matrix



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

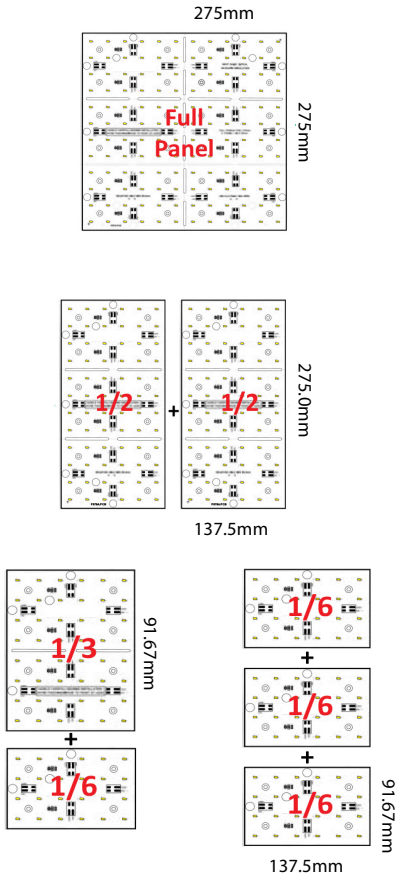
DIM	-	OUTPUT	-	COLOUR	-	PITCH
XXmm		SO		2.7K		39mm
		HO		3.0K		22mm
		W/MIX		3.2K		
				3.5K		
				4.0K		
				5.0K		
				6.9K		

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

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

LED Matrix 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