

**PRO**  
Range



## LED light panel

Bright Green LED Light Panel is a slim, efficient and easy way to illuminate architectural features.

LED light panels are custom engraved acrylic sheets, illuminated by LEDs from the edge. This light guide design ensures bright, even illumination across the whole panel.

All PRO Range products have CRI 97+, R9 >90 and a 7 year warranty

### Specification

Maximum illuminated dimensions	2400 x 1200mm
Panel thickness	5mm as standard, other options available
Operating voltage	24V DC
Power per linear metre	20W for white, 23W for Dynamic White
Luminous Efficacy (White LED)	92 lm/W
Colour temperature	2200K, 2700K, 3000K, 4000K, 6500K, Dynamic
CRI	>97
R9	>90
Bin specification	1/4 bin
LED chip manufacturer	Yuji (Japan)
Power cable length	1 metre as standard or to requested specification
Principal materials	Aluminium, acrylic, PET
Lifetime	L70 at 50,000 hours
Warranty	7 years
Dimmable	0-10V, DALI, DMX and others
Operating temperature	-10° to 45°C
Storage temperature	-20° to 60°C
Wire	20 AWG stranded cable
Certification	LM80

24V



WARRANTY



DIMMABLE

CUSTOM  
SIZES

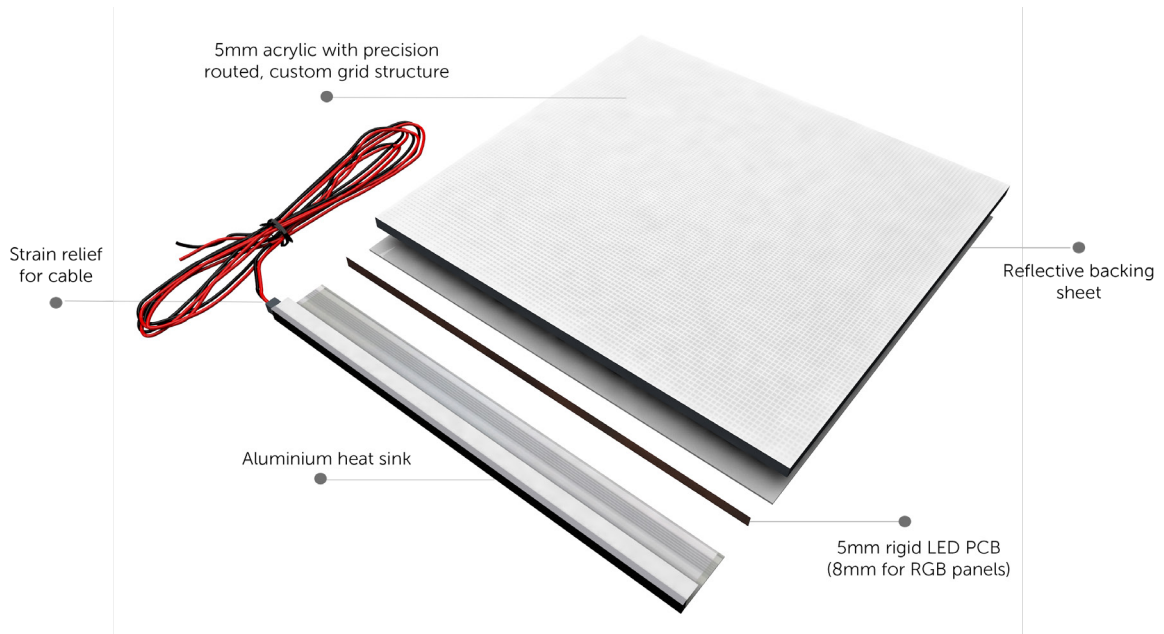
HIGH  
CRI

IP  
54

IES  
FILE  
AVAILABLE

## LED light panel exploded view

All LED Light Panels are custom manufactured with an optimised grid pattern for the panel size. This maximises performance and light distribution



### Cable Tails and Connectors



LED Light Panel is supplied with a 1 metre cable tail or a connector if required.

Common connectors include:

2.1 Female DC, Mini Mate-N-Lok or JST-XHP-02.

Other connectors are available on request.

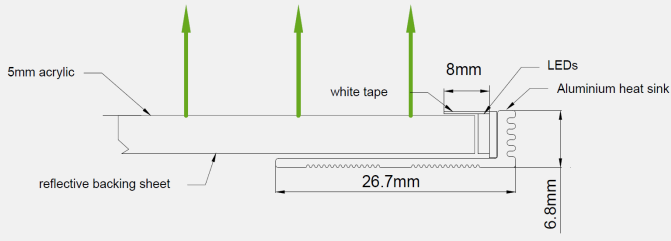
# LED light panel dimensions

LED light panel is available in 4 frame options

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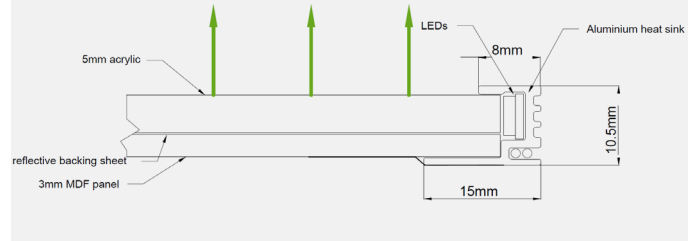
## Frame A

Weight per square metre: 7.0kg



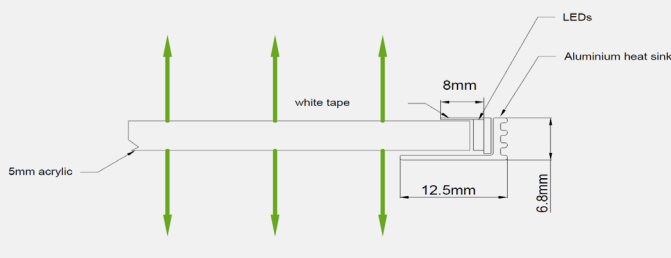
## Frame B

Weight per square metre: 9.5kg



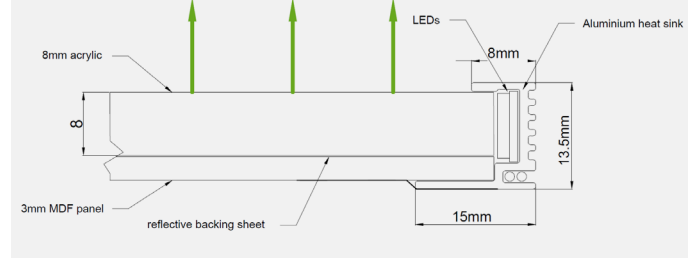
## Frame C - Double sided

Weight per square metre: 7.0kg



## RGB/Dynamic

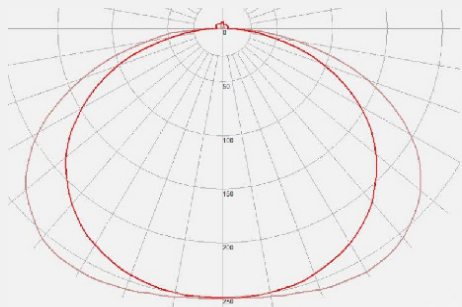
Weight per square metre: 11.5kg



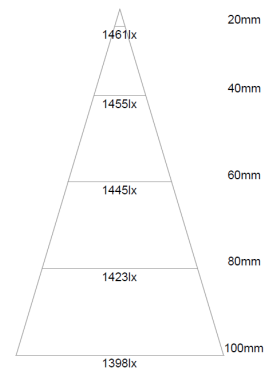
## Photometric Data

Example using a 600 x 600mm panel

### Light Distribution



### Lux Test



## Connection

Installation should be carried out by suitably qualified personnel. Please see the Bright Green LED Light Panel install guide for electrical connection and handling guidelines.