



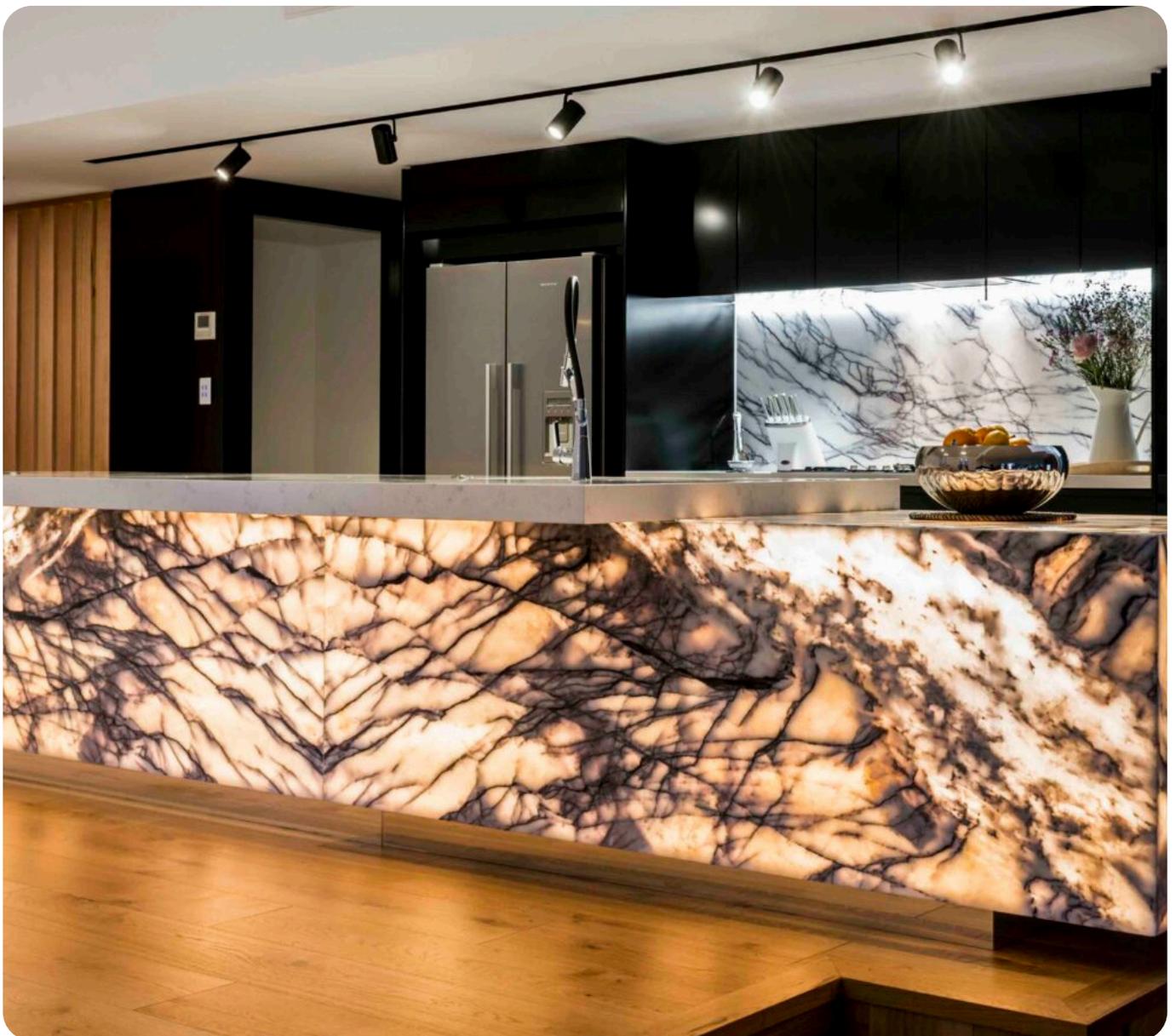
 Lightcore

LED SHEETS

BACKLIGHTING MADE EASY.

OUR NEW APPROACH TO BACKLIGHTING

Our LED backlighting sheets are built to make lighting simple, flexible, and reliable. Designed to bend, cut, and shape around your project, they're perfect for creating smooth, dot-free illumination in lightboxes, bar fronts, and feature walls. Whether you're after crisp white tones, adjustable CCT, or full-colour RGBW control, there's a sheet to suit every design. They're easy to install, energy-efficient, and made to last – with up to 50,000 hours of life and solid warranties for peace of mind. Backed by Lightcore's trade know-how and hands-on support, these sheets deliver the kind of quality and performance that make every project shine.



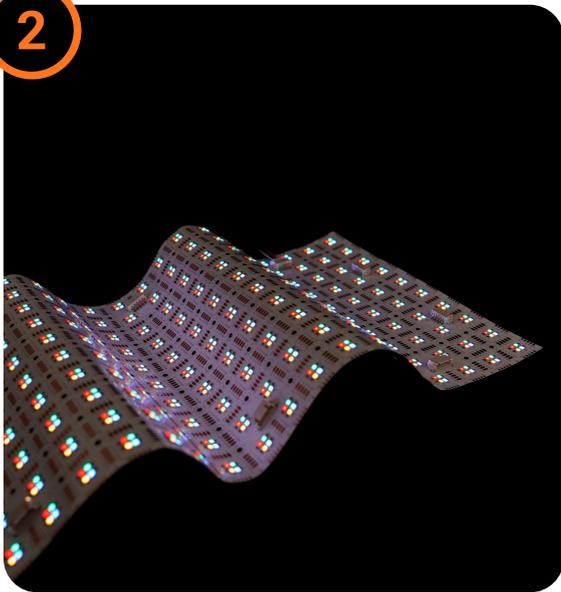
1



LED SHEET CCT

- **Adjustable Colour Temperature (CCT)** - Offers smooth tuning between warm and cool white.
- **Seamless Ambient Lighting** - Ideal for soft, natural illumination in hospitality, retail, and residential environments.
- **Simplified Wiring & Control** - Designed for easy integration with CCT dimmers & controllers.
- **Dependable Everyday Performance** - 3-year warranty and $\geq 30,000$ -hour lifespan make it a practical, cost-effective choice for consistent architectural backlighting.

2



LED SHEET RGBW

- **Full-Colour + True White Output** - Combines RGB colour mixing with white channel for precise, high-quality tones and natural whites.
- **Dynamic Lighting Effects** - Supports DMX or SPI control for smooth colour transitions, scene programming, and creative visual effects across large surfaces.
- **Flexible & Modular Design** - Easily cut along scissor lines and shaped to custom fit.
- **Vivid, Even Illumination** - Advanced diffusion layout ensures consistent, dot-free brightness across translucent materials and backlit features.

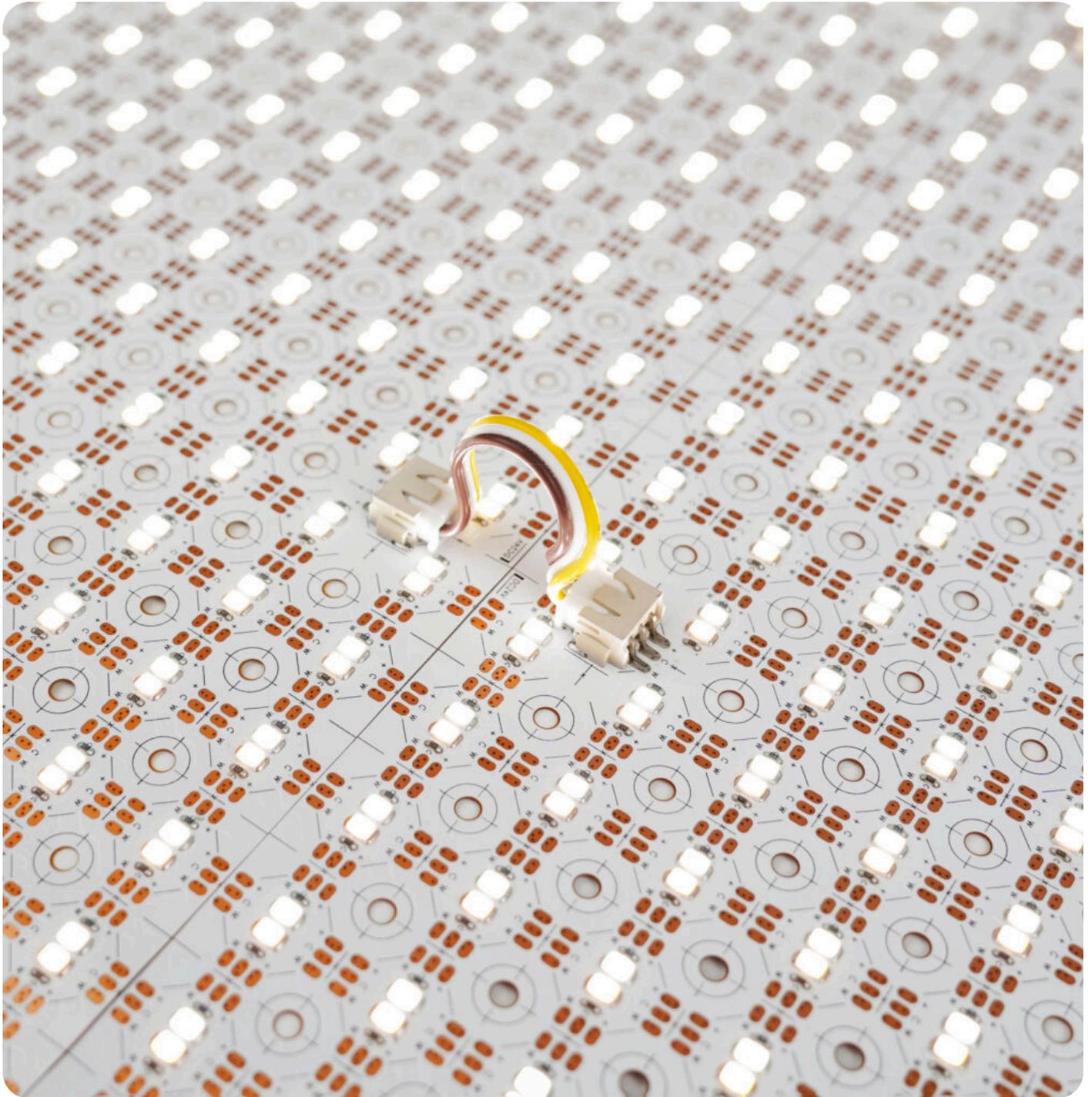
3



LED PIXEL SHEET

- **Flexible & Customisable** - Bendable LED panel that can be cut along scissor lines for seamless fitting to curved or irregular surfaces.
- **Uniform Dot-Free Illumination** - Provides smooth, even light output with no visible LED dots, ideal for large backlit surfaces.
- **High Brightness & Efficiency** - Premium low-power LEDs deliver strong, consistent illumination with minimal heat.
- **Versatile Applications** - Perfect for lightboxes, bar counters, signage, decorative walls, and architectural backlighting.

SAY NO TO HOTSPOTS!

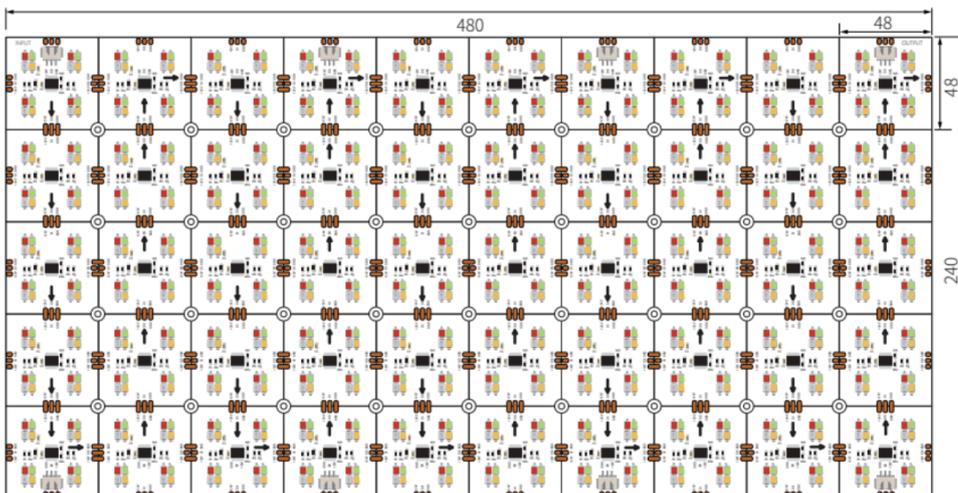


With multiple light points spread evenly across each panel, hotspots are virtually eliminated – giving you a clean, consistent glow every time. Each module in our LED sheets run independently, so if one light happens to fail, the rest keep shining without interruption. Thanks to this flexible circuit design, installation & maintenance are easier than ever, allowing you to achieve seamless backlighting with minimal effort and maximum reliability.



NO GAP? NO NEED.

Thanks to the advanced design and high density of LEDs, there's no longer a need for a gap between the sheet and your backlit material. Whether you're illuminating stone, acrylic, glass or another surface, it can sit directly on top of the LED sheet and still achieve beautifully even diffusion. The tightly spaced diodes spread the light perfectly, removing any risk of visible hotspots or shadowing – a game-changer for creating clean, uniform illumination in slim or space-restricted designs.



Terminal Height



Cross section

WHAT YOU GET BY CHOOSING LIGHTCORE'S LED SHEETS

- ✓ **Flexible & Customisable** - Easily cut and shaped to fit any surface or contour.
- ✓ **Ultra-Uniform Illumination** - High LED density eliminates hotspots for smooth, even lighting.
- ✓ **No Gap Required** - Backlit materials like stone or acrylic can sit directly on the sheet while staying perfectly diffused.
- ✓ **Independent Light Circuits** - If one LED is damaged, the rest stay lit – no dark patches.
- ✓ **Easy to Install & Maintain** - Lightweight, bendable, and simple to connect with plug-and-play fittings.
- ✓ **Versatile Applications** - Perfect for feature walls, lightboxes, benchtops, signage, and architectural accents.
- ✓ **Energy Efficient** - Low power consumption with high brightness and minimal heat output.
- ✓ **Long Lifespan & Warranty** - Up to 50,000 hours of reliable performance and up to 5 years' warranty.
- ✓ **Trade-Focused Support** - Expert advice and reliable supply from a team that understands your project needs.





LED SHEET CCT

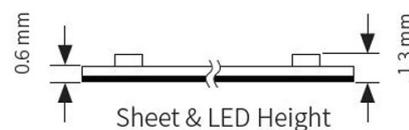
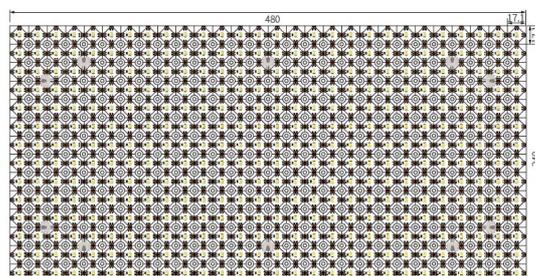
FEATURES

- Customisable flexible LED panel designed for creative, modern lighting applications
- Easily cut along the scissors mark for precise sizing and tailored installations
- Perfect for large illuminated surfaces such as light boxes, feature walls, and bar counters
- Delivers consistent, seamless light output
- Supported by a 3-year warranty and 30,000+ hour lifespan

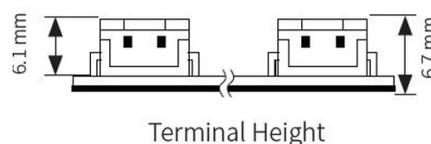


Basic Parameters	Details
Input Voltage	DC24V
Power	32 W/pcs
CRI	Ra >90
Color Temperature	2700K-6500K
Warranty	30,000 hours
LED Qty/PCS	392 LEDs/PCS
LED Type	2835
Working Temp.	-20 deg to 50 deg.
Storage Temp	-25 deg. to 60 deg.
Cut Length	17.1 * 17.1mm
PCB Size	480*240mm

TECHNICAL DIAGRAMS



Unit: mm
Cross section



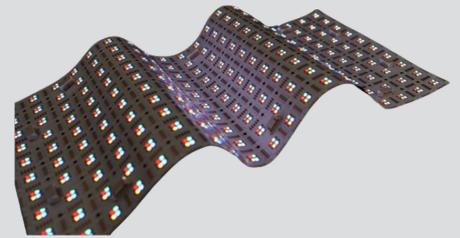
Product Ordering			
Code	Kelvin	LM/M	Stocked
LC-LED-SH-CCT	CCT	392	S/O



LED SHEET RGBW

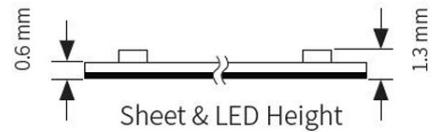
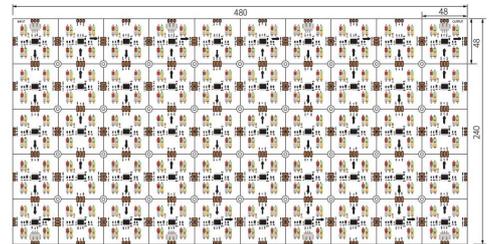
FEATURES

- Customisable flexible LED panel designed for creative, modern lighting applications
- Easily cut along the scissors mark for precise sizing and tailored installations
- Perfect for large illuminated surfaces such as light boxes, feature walls, and bar counters
- Delivers consistent, seamless light output
- Supported by a 3-year warranty and 30,000+ hour lifespan

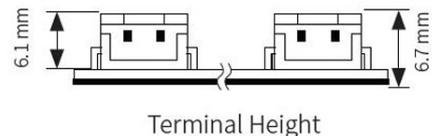


Basic Parameters	Details
Input Voltage	DC24V
Power	92 W/pcs
RA/Wave (R)	620-630mm
RA/Wave (G)	505-515mm
RA/Wave (B)	460-470mm
RA/Wave (W)	(2700K-6500K) > 90
Color Temperature	RGBW (2700K-6500K)
Working Temp.	-20 deg to 40 deg.
Storage Temp	-25 deg. to 60 deg.
Cut Length	48*48mm
PCB Size	480*240mm
PIX	50 PIX/PCS

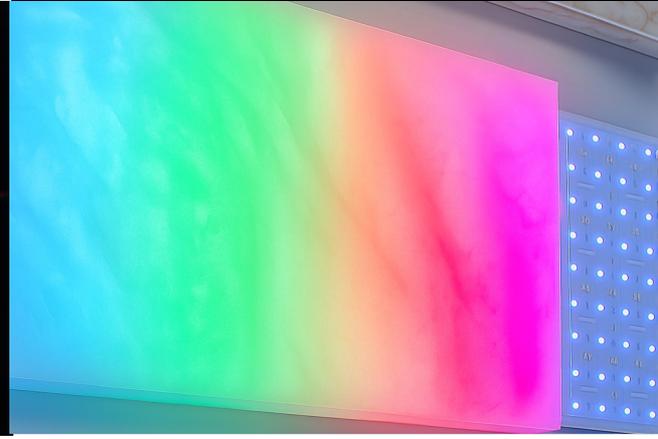
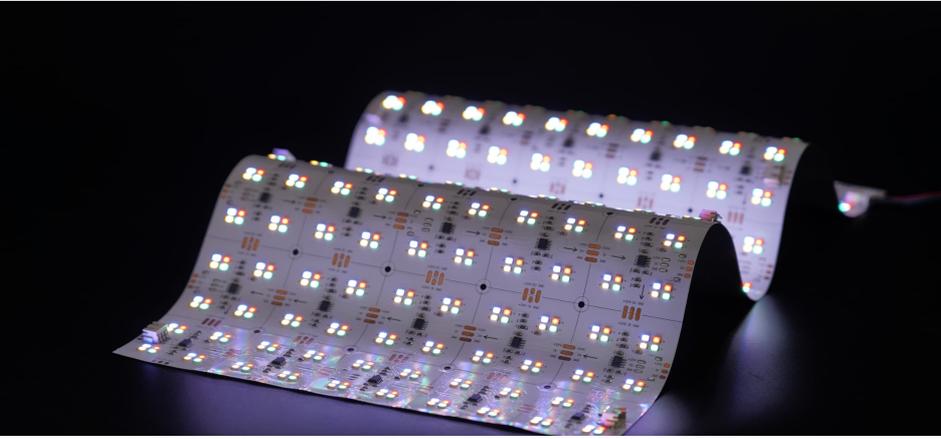
TECHNICAL DIAGRAMS



Unit: mm
Cross section



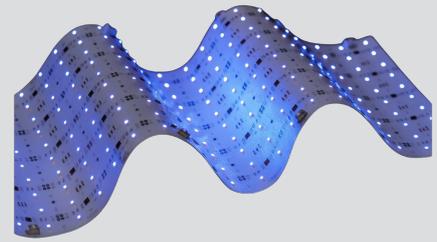
Product Ordering			
Code	Kelvin	LM/M	Stocked
LC-LED-SH-RGBW	RGBW (CCT)	800	S/O



LED PIXEL SHEET

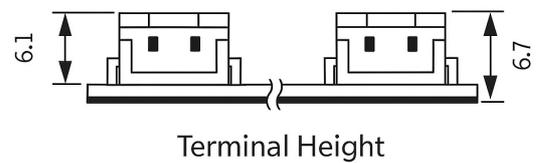
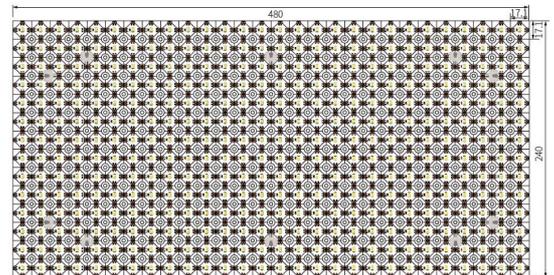
FEATURES

- Customisable flexible LED panel for versatile lighting applications
- Easily cut along the scissors mark for precise sizing and installation
- Ideal for large luminous surfaces like light boxes, feature walls, and bar counters
- Provides uniform, dot-free illumination
- Backed by a 5-year warranty and 50,000+ hour lifespan



Basic Parameters	Details
Input Voltage	DC24V
Power	92 W/pcs
RA/Wave(R)	620-630mm
RA/Wave (G)	505-515mm
RA/Wave (B)	460-470mm
RA/Wave (W)	(2700K-6500K) > 90
Color Temperature	RGBW (2700K-6500K)
Working Temp.	-20 deg to 60 deg.
Storage Temp	-25 deg. to 60 deg.
Cut Length	40*48mm
PCB Size	480*240mm
PIX	50 PIX/PCS

TECHNICAL DIAGRAMS



Product Ordering			
Code	Kelvin	LM/M	Stocked
LC-LED-SH-PIXEL	RGBW (CCT)	800	S/O

LED SHEETS

LED BACKLIGHTING SHEETS BY  Lightcore

CONTACT US:

E: hello@lightcore.com.au

T: 1300652719

W: www.lightcore.com.au

SOCIALS: [@lightcore_lighting](https://www.instagram.com/lightcore_lighting)

