

unibox

# Retail Lightboxes

The most technologically advanced LED  
lightboxes created for the retail industry

powered by  
lumenal





# Retail Lightboxes

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At Unibox, we have everything you need to create engaging, impactful retail displays. Displays that drive footfall, generate sales, and enhance brand awareness.

Our light boxes have virtually no size limitations and can be customised to your exact needs, colours, and specifications. Making them suitable for any retail environment.

And, with the option of easy to change fabric graphics to keep up with in-store promotions and seasonality, displays can be updated without a shopfitting team, lowering overall logistical costs.



# Our Range

## Large Format Lightboxes

At Unibox we use the very latest technology to produce huge format printed structures, creating striking illuminated graphic displays with virtually no size-limits.

## Integrated Lightboxes

As with all Unibox lightboxes, our integrated range can be configured to suit most retail display applications. But it's within POS displays that this particular product really shines.

## Slimline Lightboxes

A line of modular, lightweight, and robust, slimline LED Lightboxes that can be reconfigured to suit various retail display applications.

## Double-sided Lightboxes

Making the most of available space and maximising visual impact, our double-sided light boxes ensure your retail displays are seen in the very best light possible.

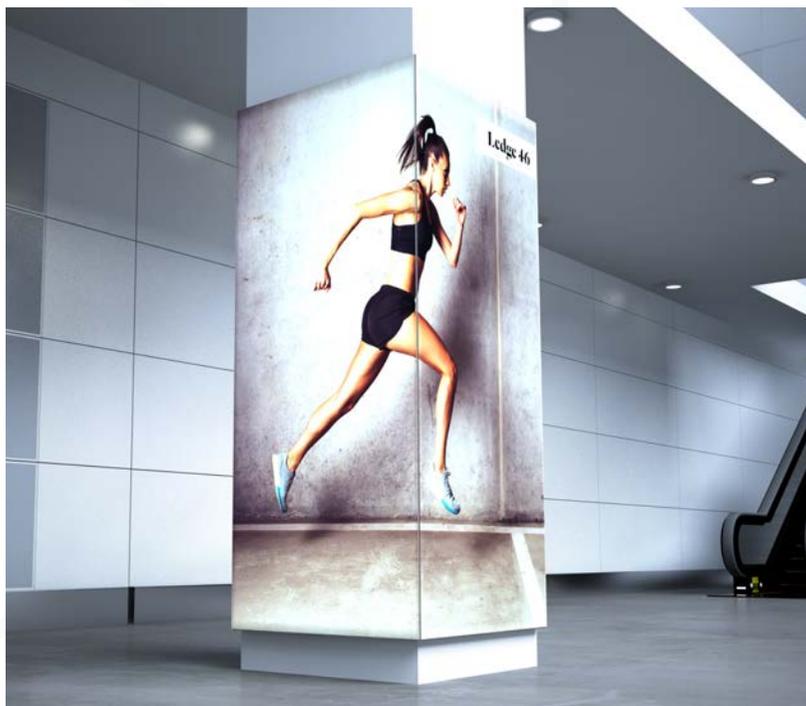
# Large Format



# Ledge 46

A backlit tension fabric lightbox, Ledge 46 uses a 46mm deep frame and is designed to be wall mounted.

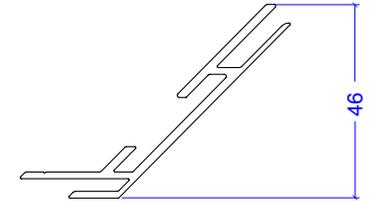
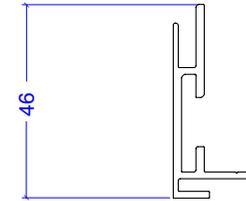
The ledge 46 can be used as a standard lightbox, or seamlessly wrap around columns.



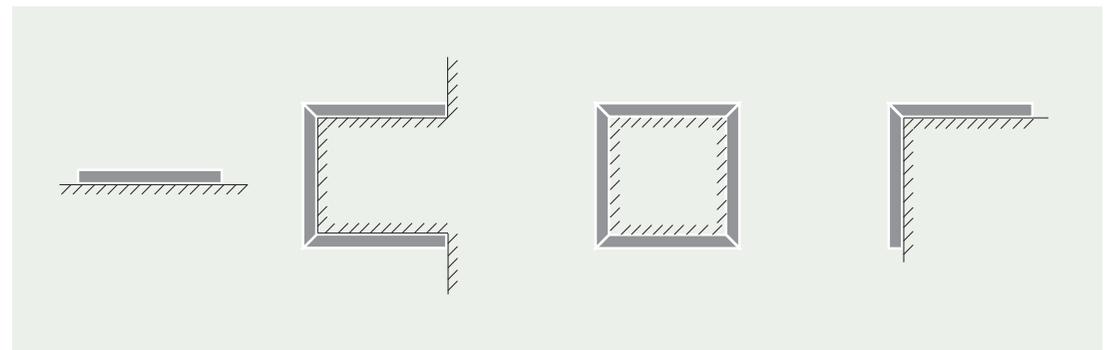
# Ledge 4.6

With precision-engineered aluminium frames and fabric graphics that can be changed quickly and easily without relying on visual merchandising teams, our impactful, large-scale retail lightboxes help to drive footfall, generate sales, and enhance brand awareness.

Unibox light boxes use solid-state, LED lighting. This allows us to maintain a compact footprint, high brightness levels, and perfectly even light distribution across the large, interchangeable graphic surface.



Fabric Graphic Channel for seamless corners



Layout examples

# Ledge 65

Ledge 65 is manufactured using a slim aluminium frame.

Combining back panels and flexible linear LED tape, Ledge 65 is designed to be wall mounted and can be scaled up to huge sizes.



# Ledge 65

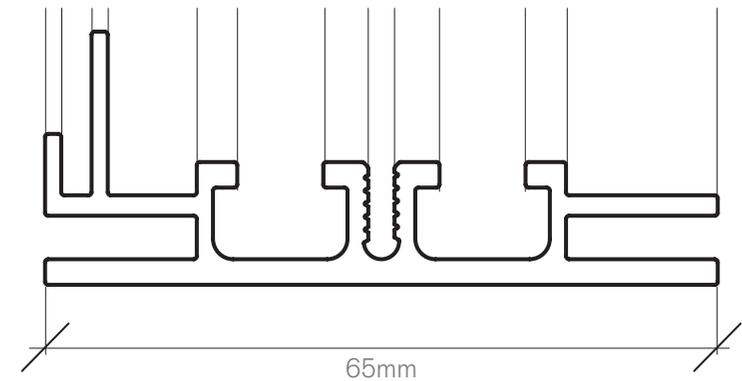
With precision-engineered aluminium frames and fabric graphics that can be changed quickly and easily without relying on visual merchandising teams, our impactful, large-scale retail lightboxes help to drive footfall, generate sales, and enhance brand awareness.

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## Technical Details

	2.4W/m tape	4.8W/m tape
Operating Voltage	12V DC	
Power Consumption <sup>1</sup>	43W/m <sup>2</sup>	86W/m <sup>2</sup>
Brightness	500cd/m <sup>2</sup>	950cd/m <sup>2</sup>
Colour Temperature	6500K (+/- 500K)	
L70	>36000hrs	

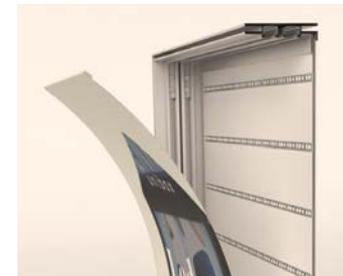
Included driver suitable for 110-240V 50-60Hz



Custom Colour Temperatures



LED Back Panel



Fabric Graphic Channel



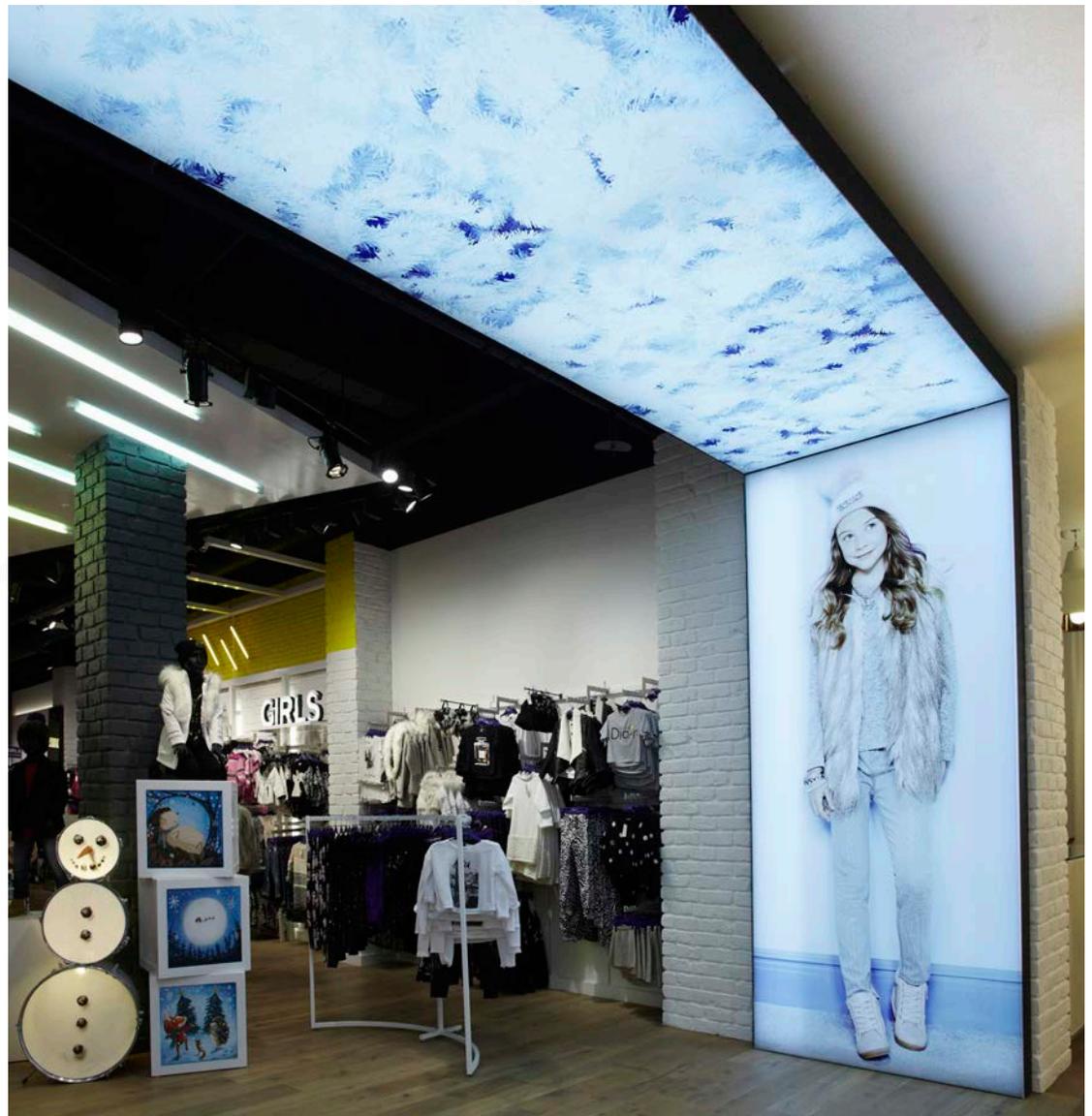
Integrated LED lighting



# Ledge 135

A backlit tension fabric lightbox, Ledge 135 uses a 135mm deep frame and is designed to be wall mounted or freestanding in larger sizes.

Ledge 135 utilises flexible LEDs for high-powered illumination, with even graphic illumination.



# Ledge 135

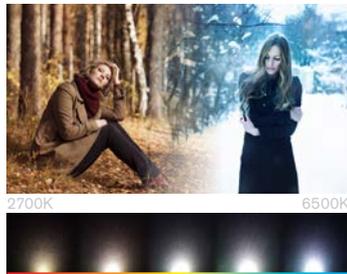
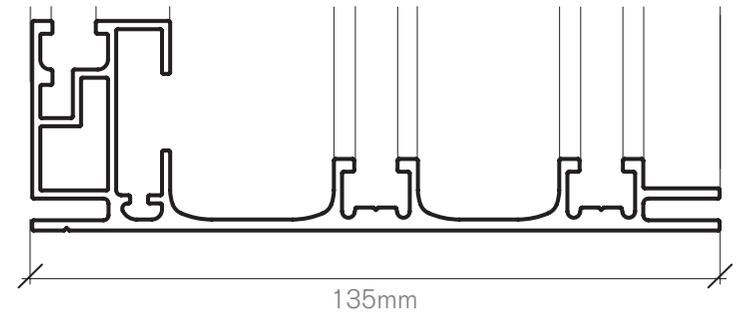
With precision-engineered aluminium frames and fabric graphics that can be changed quickly and easily without relying on visual merchandising teams, our impactful, large-scale retail lightboxes help to drive footfall, generate sales, and enhance brand awareness.

Unibox light boxes use solid-state, LED lighting. This allows us to maintain a compact footprint, high brightness levels, and perfectly even light distribution across the large, interchangeable graphic surface.

## Technical Details

Operating Voltage	12V DC
Power Consumption	80W/m <sup>2</sup>
Brightness	600cd/m <sup>2</sup>
Colour Temperature	6500K (+/- 500K)
L70	>36000hrs

Included driver suitable for 110-240V 50-60Hz



Custom Colour Temperatures



LED Back Panel



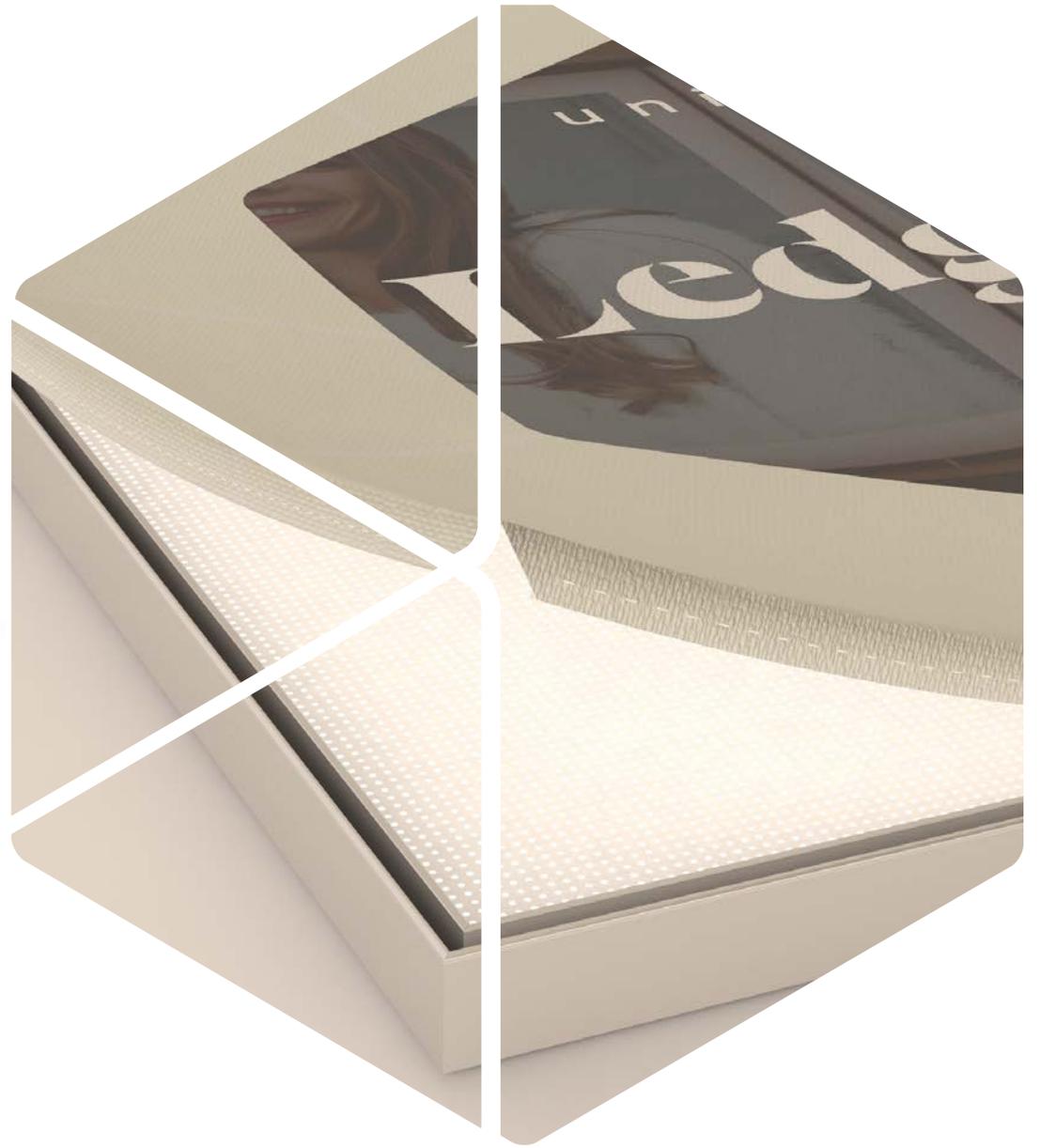
Fabric Graphic Channel



Integrated LED lighting



**Slimline**



# Ledge 22

Our slimmest ever illuminated lightbox, Ledge 22 combines our latest range of aluminium profiles and instantly replaceable Tension Fabric System graphics.

The lightweight nature of our 22mm slim lightbox makes it perfect for wall mounted displays, reducing footprint in the most crowded of retail spaces.



# Ledge 22

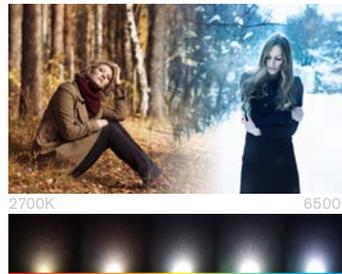
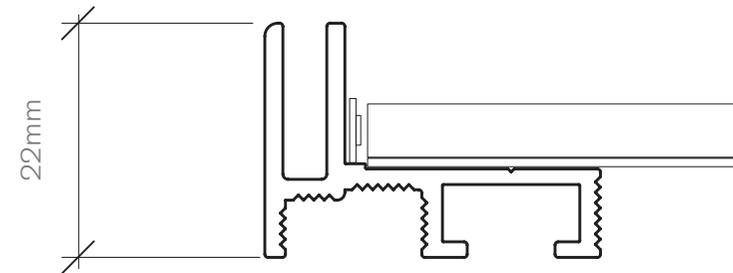
Using cutting-edge LED light and laser-etching technology, the result is an even distribution of light across the taut fabric, including across bespoke frames and sizes.

Unibox light boxes use solid-state, LED lighting. This allows us to maintain a compact footprint, high brightness levels, and perfectly even light distribution across the large, interchangeable graphic surface.

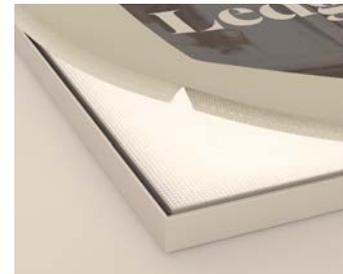
## Technical Details

Operating Voltage	12V DC
Power Consumption <sup>1</sup>	29W/m <sup>2</sup> to 96W/m <sup>2</sup>
Brightness <sup>2</sup>	700cd/m <sup>2</sup>
Colour Temperature	6500K (+/- 500K)
L70	>36000hrs

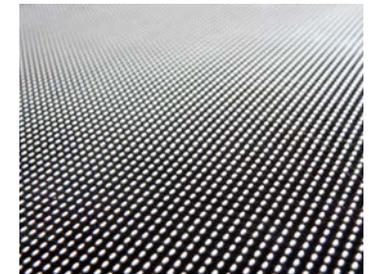
<sup>1</sup>Dependent on size    <sup>2</sup>Based on 500x500mm, brightness dependent on size  
Included driver suitable for 110-240V 50-60Hz



Custom Colour Temperatures



Fabric Graphic Channel



Integrated LED lighting



# Ledge 34

Ledge 34 uses our edge lit panel technology to perfectly illuminate tension fabric graphics.

The 34mm profile is slim enough for most wall mounted applications and even larger custom sizes are uniformly and brightly illuminated.



# Ledge 34

Ledge 34 uses our edge lit panel technology to perfectly illuminate tension fabric graphics.

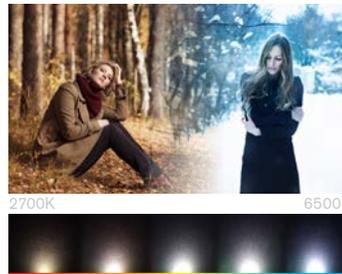
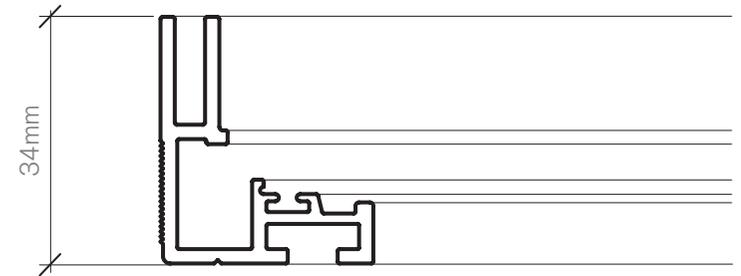
It does this by using high quality PCBs, designed by Lumenal, with a bespoke laser etched light guide plate in a lightweight but robust frame.

Unibox light boxes use solid-state, LED lighting. This allows us to maintain a compact footprint, high brightness levels, and perfectly even light distribution across the large, interchangeable graphic surface.

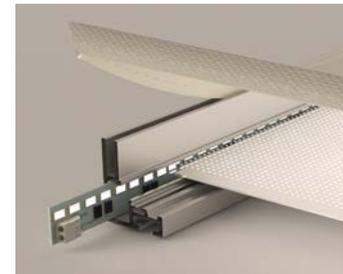
## Technical Details

Operating Voltage	24V DC
Power Consumption <sup>1</sup>	66W/m <sup>2</sup> · 160W/m <sup>2</sup>
Brightness <sup>2</sup>	800cd/m <sup>2</sup>
Colour Temperature	5700K (+/- 500K)
L70	>36000hrs

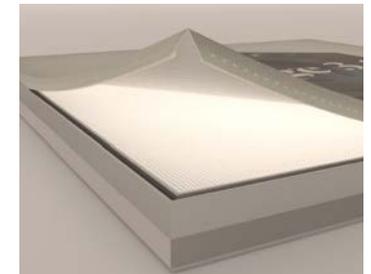
<sup>1</sup>Dependent on size    <sup>2</sup>Based on 500x500mm, brightness dependent on size  
Included driver suitable for 110-240V 50-60Hz



Custom Colour Temperatures



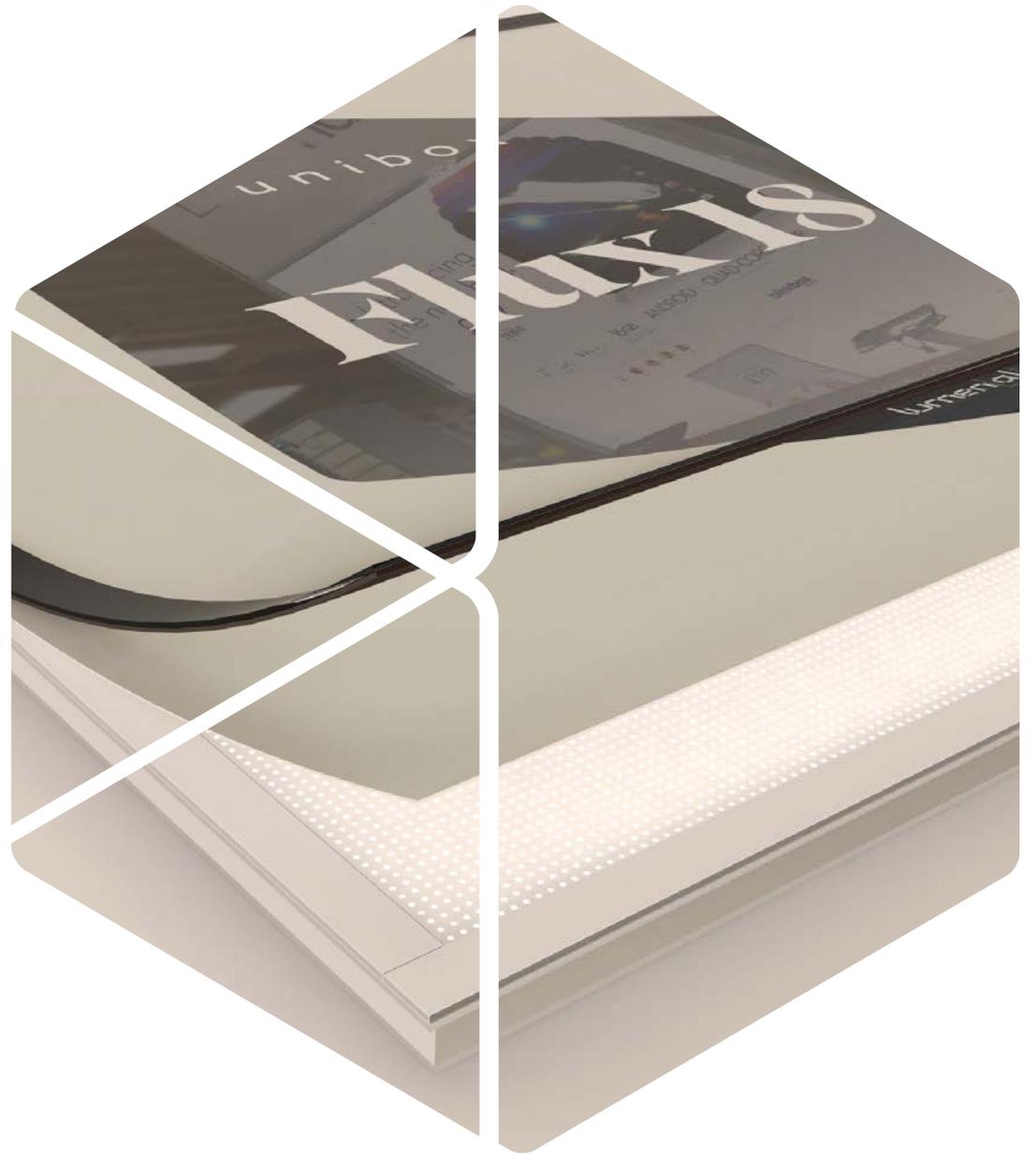
Integrated LED Lighting



Fabric Graphic Channel



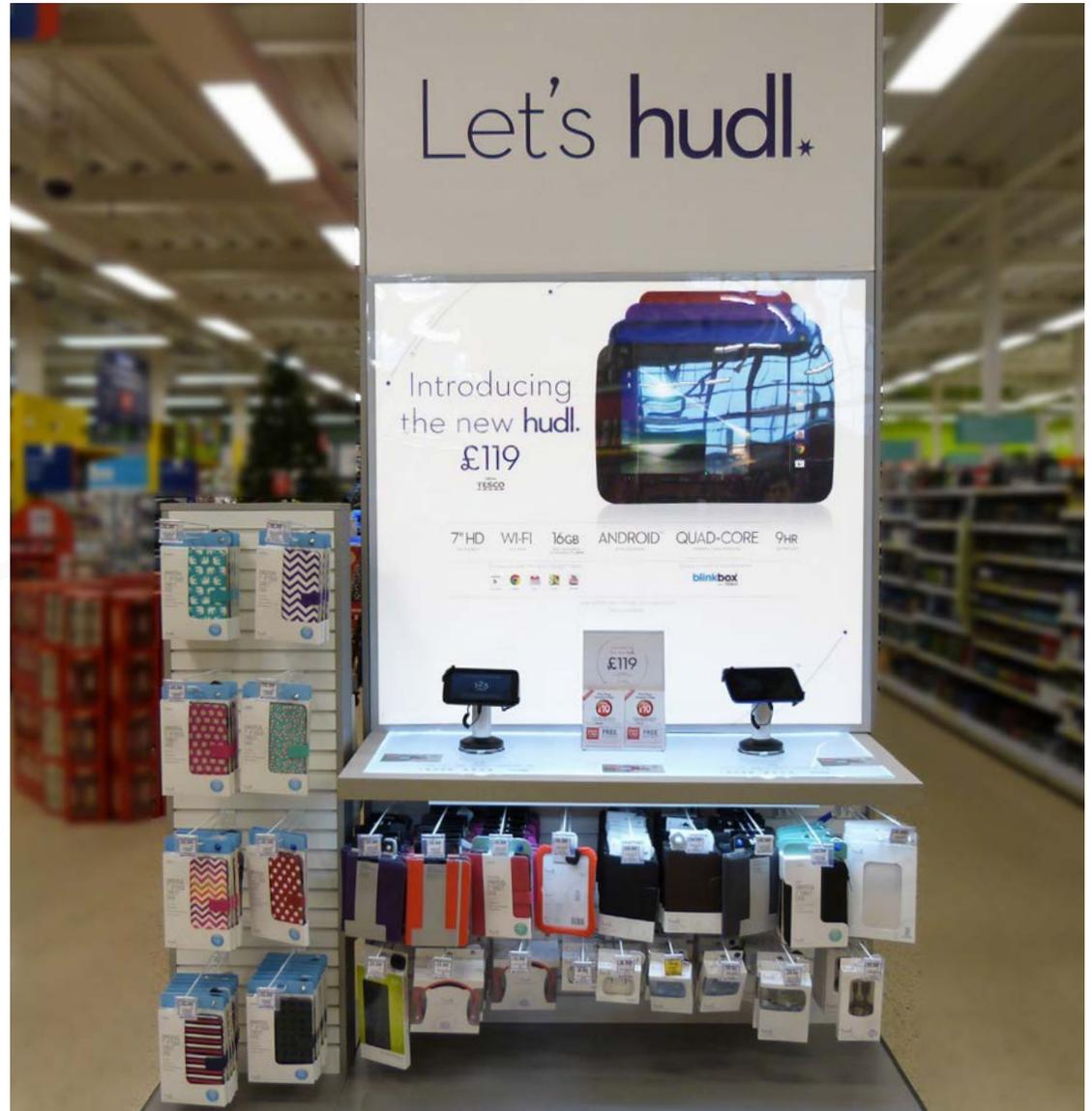
# Integrated



# Flux 18

Flux 18 is the complete solution for your illuminated POS displays.

An edge-lit panel provides incredibly bright, even illumination across custom sized graphic display frames.



# Flux 18

The aluminium frame houses the laser etched light guide plate, LEDs, wiring and thermal management, allowing it to be built into any display fixture.

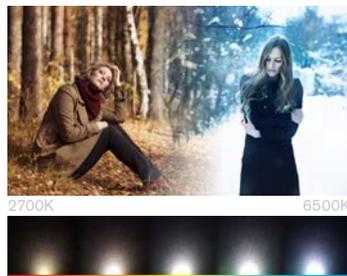
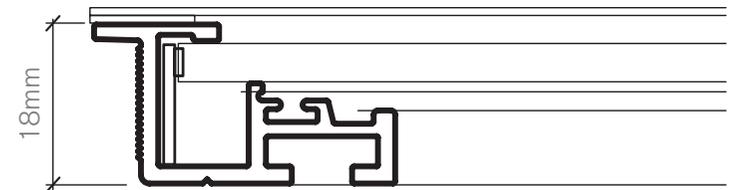
Duratrans graphics are held in place by a PETG lens with magnetic fixing, making it an easy way to create high quality graphic displays without any specialist tools or technical knowledge.

Unibox lightboxes use solid-state, LED lighting. This allows us to maintain a compact footprint, high brightness levels, and perfectly even light distribution across the large, interchangeable graphic surface.

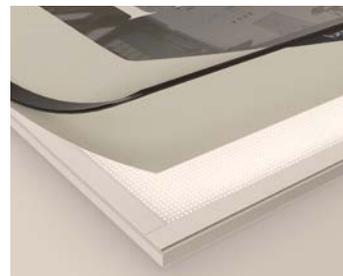
## Technical Details

Operating Voltage	24V DC
Power Consumption <sup>1</sup>	66W/m <sup>2</sup> - 160W/m <sup>2</sup>
Brightness <sup>2</sup>	800cd/m <sup>2</sup>
Colour Temperature	5700K (+/- 500K)
L70	>36000hrs

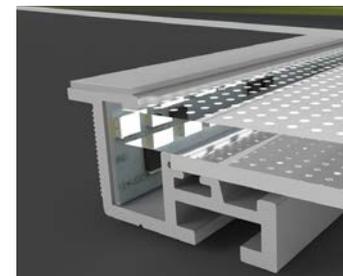
<sup>1</sup>Dependent on size    <sup>2</sup>Based on 500x500mm, brightness dependent on size  
Included driver suitable for 110-240V 50-60Hz



Custom Colour Temperatures



Duratrans Graphic



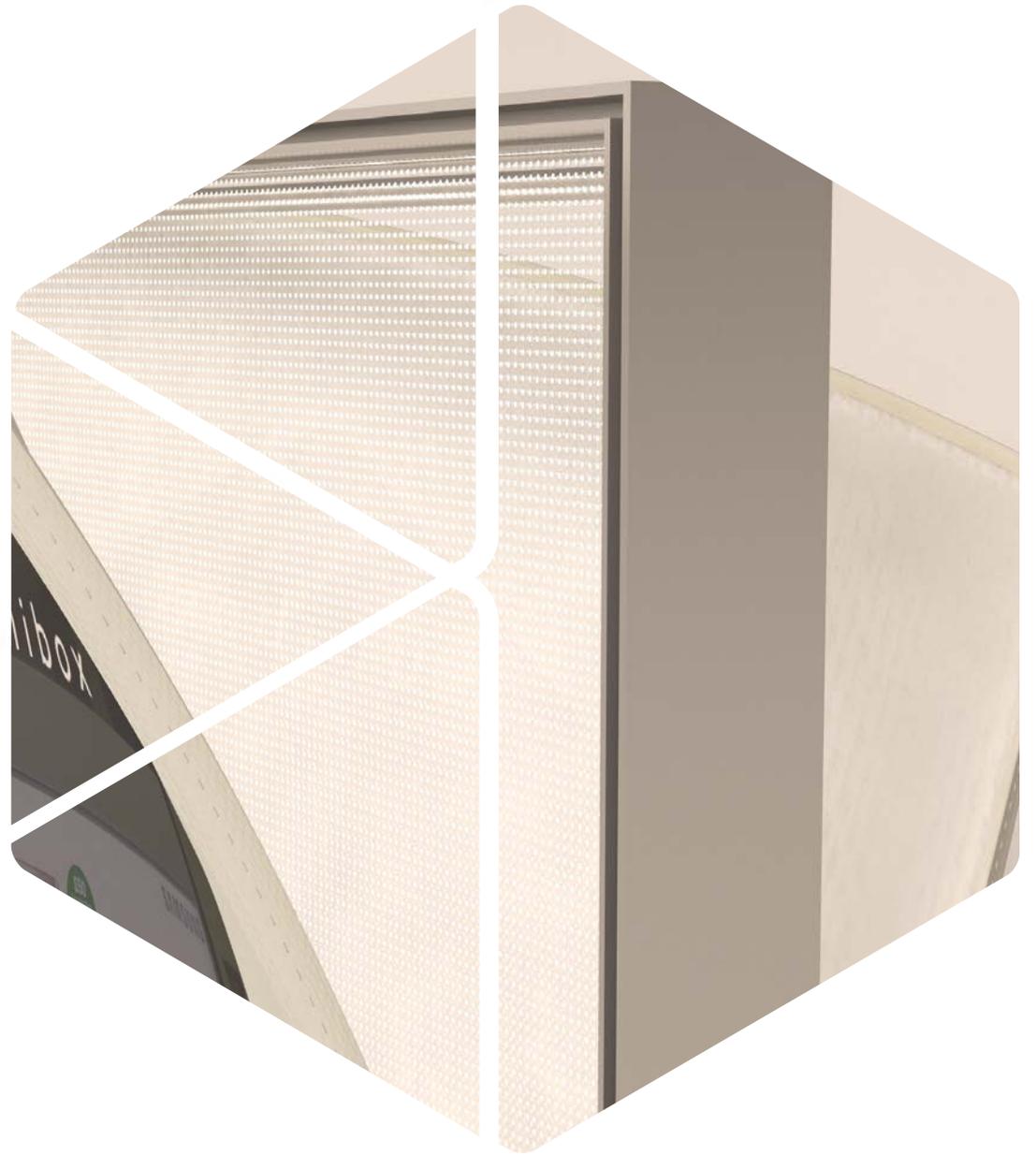
Laser-etched Panel



Integrated LED lighting



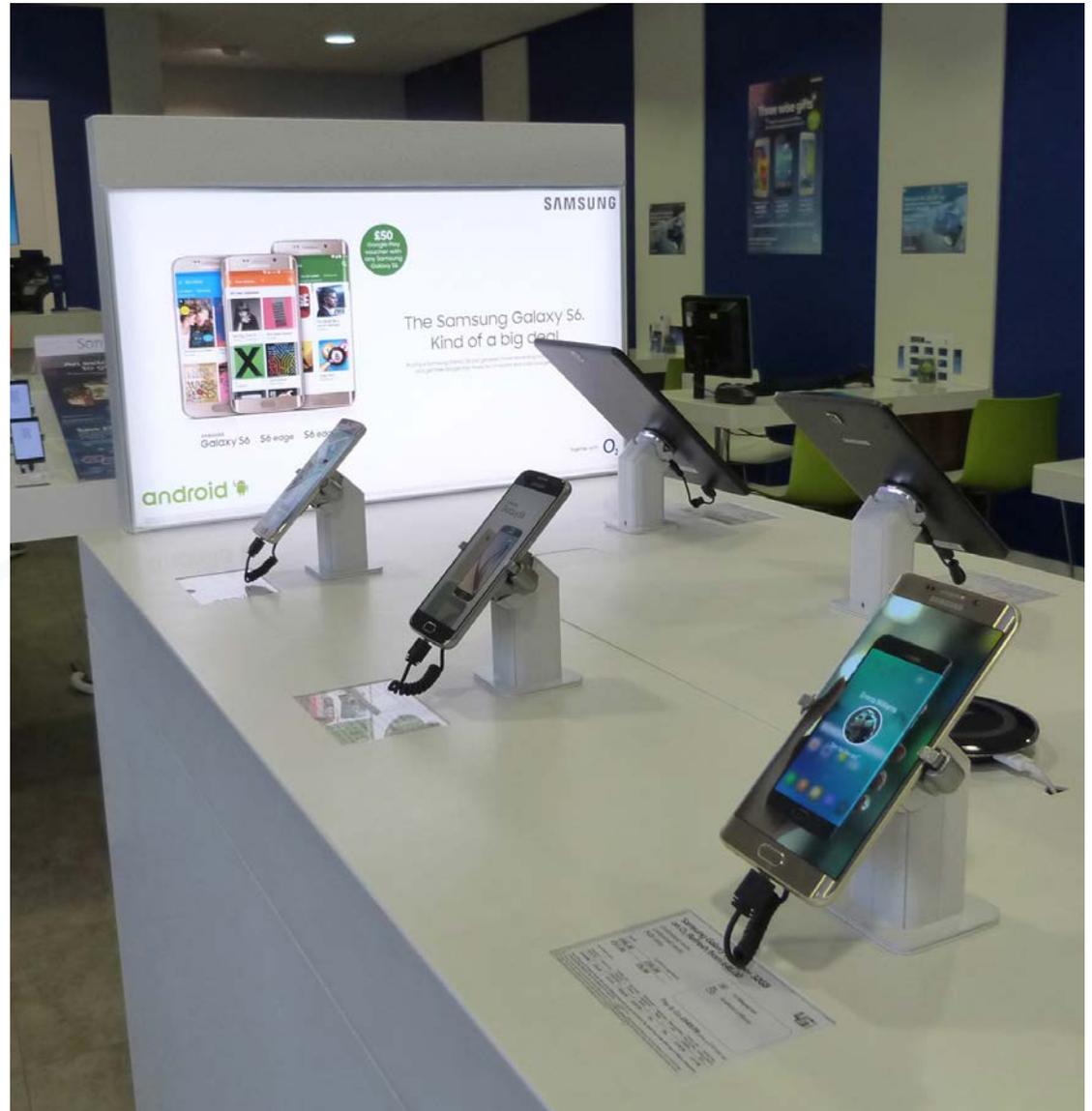
# Double Sided



# Ledge 50

Ledge 50 is a lightweight, high quality lightbox suitable for ceiling-hung signage, integrated gondola signage, and wayfinding.

Our thinnest double sided lightbox, Ledge 50 uses the latest technology to provide bright, even illumination on both sides, from a single light-source.



# Ledge 50

Our thinnest double sided lightbox, Ledge 50 uses the latest LED light guide plate technology to provide bright, even illumination on both sides, from a single light source.

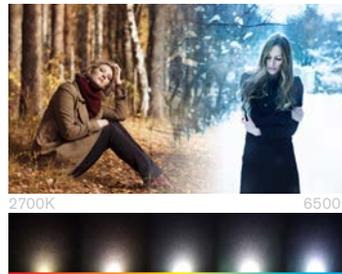
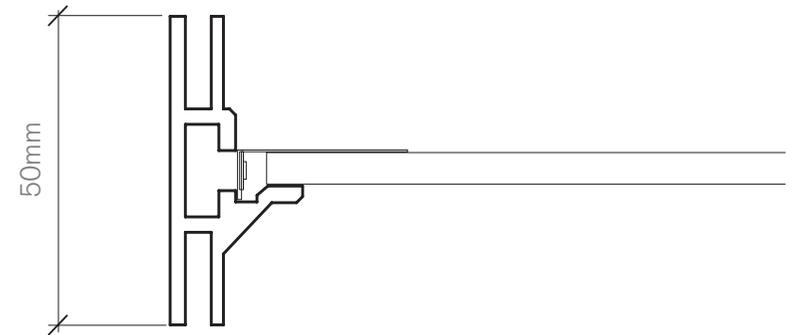
Ledge 50 can also be integrated into the top of a gondola unit to create an impactful POS display solution.

Unibox lightboxes use solid-state, LED lighting. This allows us to maintain a compact footprint, high brightness levels, and perfectly even light distribution across the large, interchangeable graphic surface.

## Technical Details

Operating Voltage	12V DC
Power Consumption <sup>1</sup>	29W/m <sup>2</sup> - 96W/m <sup>2</sup>
Brightness <sup>2</sup>	700cd/m <sup>2</sup>
Colour Temperature	6500K (+/- 500K)
L70	>36000hrs

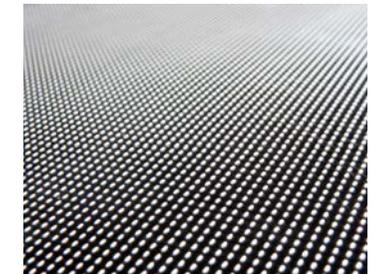
<sup>1</sup>Dependent on size    <sup>2</sup>Based on 500x500mm, brightness dependent on size  
Included driver suitable for 110-240V 50-60Hz



Custom Colour Temperatures



Fabric Graphics



Integrated LED lighting



# Ledge 105

Ledge 105 is a double-sided LED lightbox that uses ultra-bright LED modules and can be combined with our innovative magnetic display system - Magnetik.

Magnetik is a concealed magnetic shelving system, creating a complete illuminated graphic and product display solution.



# Ledge 105

Ledge 105 is a double-sided LED lightbox that uses ultra-bright LED modules and an innovative magnetic display system.

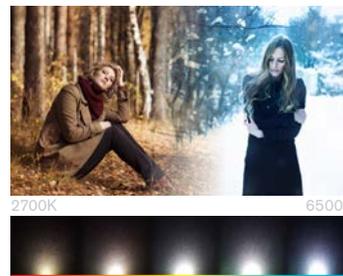
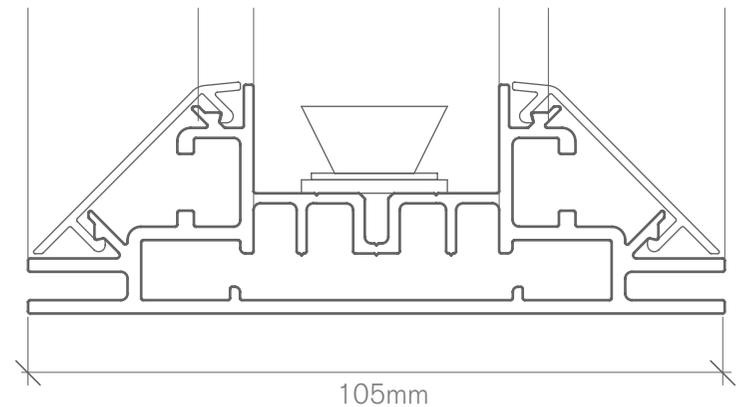
A side-lit lightbox, Ledge 105 is supplied flat pack for easy self-assembly and offers low energy consumption and reduced shipping costs.

Unibox lightboxes use solid-state, LED lighting. This allows us to maintain a compact footprint, high brightness levels, and perfectly even light distribution across the large, interchangeable graphic surface.

## Technical Details

Operating Voltage	110-240V 50-60Hz
Power Consumption <sup>1</sup>	19W/m <sup>2</sup> - 84W/m <sup>2</sup>
Brightness <sup>2</sup>	500cd/m <sup>2</sup>
Colour Temperature	5700K (+/- 500K)
L70	>36000hrs

<sup>1</sup>Dependent on size    <sup>2</sup>Based on 500x500mm, brightness dependent on size  
Included driver suitable for 110-240V 50-60Hz



Custom Colour Temperatures



LEDs with Mounted Optics



Fabric Graphic



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# Get In Touch

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