



LUCENT™
ILLUMINATED FABRIC SYSTEMS



**ONE
FRAME**
ARCHITECTURAL
FABRIC TENSION
SYSTEMS

LUCENT™ – ILLUMINATED FABRIC SYSTEMS

ATMOSPHERIC LIGHT. IMMERSIVE EMOTION. SEAMLESS DESIGN.

Lucent™ is more than just a lightbox—it's an **emotional experience** crafted through **light** and **fabric**. Designed to transform how people feel within a space, Lucent™ adds **depth, tone, and warmth** through softly illuminated surfaces that create **atmosphere**, not just illumination.

In a hotel lobby, it **calms** and **welcomes**. In **retail**, it **energizes** and **connects**. In a workplace, it **focuses** and **softens**. Wherever Lucent™ appears, it becomes part of the environment's **emotional signature**—shaping how people interact with the space and how they remember it.

Lucent™ integrates **effortlessly** into its surroundings. Its **visual language** is **minimal** and **refined**—quiet, but unmistakably present. Graphics appear to float, **backlit** with a glow that's **even** and **atmospheric**. There are no harsh edges or visual clutter—just seamless light diffused through soft, **tactile textile** that invites presence and pause.

More than a design object, Lucent™ is a **storytelling medium**. It's where light meets **narrative**, where **atmosphere** becomes part of **brand, mood, or memory**. It gives designers and architects the ability to **choreograph experience**—setting tone, guiding emotion, and expressing identity without saying a word.

Every Lucent™ system is crafted with **purpose** in **Aotearoa New Zealand**. It's a product of **care, creativity, and considered design**—made for those who understand that architecture and interiors aren't just visual, they're **sensory**. They should move us.

Lucent™ is for spaces that don't want to shout—but instead speak with **light, texture, and stillness**. It's for those who believe **mood matters**, and that design should make people feel something **real**.

Lucent™ is **light with presence. Fabric with soul. Atmosphere you can feel.**

Let it **transform** your interior from the expected to the extraordinary. Let it become the **silent language** of your space.



DESIGN CONSIDERATIONS

Lucent™ is more than just an illumination system; it's a transformative architectural element that elevates any space with its luminous elegance. Whether you're creating a bold retail statement or a calm, immersive atmosphere for commercial settings, Lucent™ adapts to your design intentions. Its versatile, customizable design ensures exceptional performance, sustainability, and visual impact, effortlessly fitting into your space's aesthetic.

LIGHTING TYPE: BACKLIT VS. EDGE-LIT

Lucent™ offers two distinct lighting options: **back-lit** and **edge-lit**. The **back-lit** option is perfect for large-format graphics over 2200mm wide, delivering even, consistent illumination across expansive surfaces. It can be configured seamlessly up to 3000mm x 50m using an 80mm frame. For smaller applications or limited-depth spaces, the **edge-lit** system efficiently diffuses light, also configurable up to 2200mm x 50m seamlessly with the same frame, making it ideal for compact designs.

GRAPHIC DESIGN FOR ILLUMINATION

Maximize the visual impact of Lucent™ by prioritizing **high-contrast visuals** to ensure clarity. Opt for rich blacks and **saturated colours** to avoid washout and keep the graphics vibrant under light. Additionally, a **25mm bleed** around the edges and careful placement of key elements away from the SEG edges will ensure a clean, uninterrupted design.

FRAME DEPTH & MOUNTING

Lucent™ provides flexible design and installation options with frame depths ranging from **7mm to 140mm**. Whether mounted on walls, suspended from ceilings, freestanding, or integrated into custom joinery, Lucent™ can be tailored to suit your space. It's important to plan for access to **power, LEDs**, and future graphic updates to maintain long-term functionality.

ELECTRICAL & CONTROL INTEGRATION

Lucent™ seamlessly integrates with electrical and control systems. Power supplies can be mounted within the frame (for deeper profiles) or nearby for convenience. Compatible with **DALI, DMX**, and **Casambi**, it ensures easy coordination with ambient lighting systems. Planning for **cabling access** early in the design process helps avoid installation delays.



FABRIC TENSION & ENVIRONMENT

Lucent™ performs best in stable indoor environments with controlled temperature and humidity. Depending on the setting, a wide range of fabric options are available, from moisture-resistant fabrics for humid areas to medical-grade treated materials for specialized environments.

ACOUSTIC INTEGRATION

Lucent™ can be upgraded with acoustic features, such as adding sound-absorbing layers or using tailored **NRC ratings**. This option is ideal for spaces like **boardrooms, lobbies, and open-plan offices**, where controlling noise levels is essential, all while maintaining the system's visual appeal.

INSTALLATION & MAINTENANCE

Lucent™ is designed for ease of installation and maintenance. Delivered flat-packed, the system allows **tool-free SEG graphic changes**, enabling quick updates and reducing downtime. The fabric is **replaceable, cleanable**, and easy to refresh, ensuring it remains relevant and in top condition over time. The system also allows easy access for servicing behind the graphic.

SUSTAINABILITY

Lucent™ is committed to sustainability, featuring fully **recyclable** aluminium frames and **polyester fabrics**. The **Back-2-Base** program ensures responsible disposal and repurposing of graphics at the end of their lifecycle. All materials are **low-VOC, PVC-free**, and safe for indoor use, supporting eco-conscious design principles.

TESTING & CERTIFICATION

Lucent™ is built to meet **strict safety and performance standards**. All **integrated lighting components** are **tested and certified** by **UL Laboratories**, while **drivers and controllers** are sourced from **certified suppliers** such as **Meanwell** and **LTECH**, ensuring full compliance with **international electrical safety regulations**.

All **fabrics and acoustic materials** used are **FR treated, tested, and certified by BRANZ**, meeting **fire safety standards** for **interior environments**. This delivers critical **assurance** for use in **commercial, public, and high-occupancy spaces**, where **compliance and peace of mind** are essential.

