



# Bring spaces alive

## Philips luminous textile with **kvadrat soft cells**

Luminous textile is an easy-fit system that integrates multi-coloured LED modules within acoustic textile panels to show dynamic content and soften sound.

### A range of applications

Luminous textile is the perfect answer for modern offices, hallways and meeting areas that can feel cold and impersonal. It also creates a welcoming atmosphere in retail and hospitality applications such as bars, hotel lobbies and airport lounges. Multiple panels can be arranged in numerous ways to bring each space alive from one huge mood wall to individual panels scattered across a wall.

### About the panels

Luminous textile panels come in standard and customised sizes. Each panel is built up of LED modules consisting of multi-colour LEDs with a 60mm pitch fixed on acoustic foam. The panels can be mounted with bolts and magnets to ensure precise positioning. The number of mounting points depends on the panel size. The driver box and power supply are integrated in the panel so installation is dramatically simplified. The only connections are a standard power cable and an Ethernet cable to upload and manage the dynamic content and connect the system to, for example, building management systems.

### Kvadrat Soft Cells

The panels are finished with Kvadrat textiles and use the Kvadrat Soft Cells acoustic panels with patented technology to keep the fabric under constant tension within the aluminium frame. The sound-dampening nature of the panels also softens the acoustics of spaces. The panels can be installed as part of a building's original design, or as a post-fit solution to control sound absorption.

Luminous textile respects all building regulations and safety norms. The Kvadrat fabrics are independently tested and meet the requirements for contract textiles for abrasion, light-fastness and flammability.

To find out more about installing luminous textile call your Philips representative or visit [www.philips.com/luminous-textile](http://www.philips.com/luminous-textile)

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sense and simplicity

### Plug and play installation

Simply fix the brackets in place and a series of magnets will help you to align the panels, quickly and accurately. Once installed, plug in the power and Ethernet connector and the system is ready to upload the content and final testing. The Ethernet connection is enabling remote content management and system monitoring.

### What support can Philips offer?

At Philips we're committed to making life easier for the people who work with our products. Philips provides installers technical support and guidance. We provide content management and creation tools, standard content portfolio and a pool of certified media designers creating customised content. We can also give you advice and information on caring for and maintaining the luminous textile system.

## Technical specifications

Pixel pitch	60mm
Panel thickness	130mm (120mm for panel, 10mm for mounting)
Min. & max. size per standard panel	Min. size 1200mm x 720mm to max. size 1200mm x 6480mm
Min. & max. weight per panel	Min. weight 15kg for smallest panel to max. weight 67kg for biggest panel
Power usage	Min. usage 60W for smallest panel to max. usage 450W for biggest panel
Front fabric	Kvadrat textile (7 textures, up to 8 colors per texture)
# panels connected	Unlimited # panels
IP rating	Indoor only (IP20)
Operating temperature range	5 ... 35°C/41 ... 95 °F
Operating max relative humidity range	95% (non condensing)
Input voltage	100-240 V AC 50/60 Hz
Light output	Depending on choice of front fabric. Example "Toto 102" (white color) is max. 120 cd/m <sup>2</sup>
Content	Access to standard content database & customised content possible by certified media partners
Content management	Content management software included
System integration	Via KiNet
Certifications	CE, CB
Control	Interfaces available to connect to various control systems. Remote control on request.
Connections	Power connection Ethernet connection
Warranty	3 years (electronics, textile, frame and tension system)



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