

SLOTLIGHT LYNX® ACTIVATED

INTERCONNECTED LIGHT, EFFECTIVE SIGNALS



LIGHT AS A SIGNALLING DEVICE: ILLUMINATE. GUIDE. LOCATE.

Light takes the lead: SLOTLIGHT LynX® activated combines lighting and orientation, static colour signals and dynamic route navigation, and location detection for people and machines. SLOTLIGHT LynX® activated is part of a networked information and alarm system, such as those used in hospitals or care homes. It combines a high-quality linear Zumtobel lighting solution with LynX® software and hardware from the Belgian supplier Unmatched. Perfectly integrated into the architecture, it connects to the network via Bluetooth and WLAN and is particularly flexible to use and easy to install – even around corners. SLOTLIGHT LynX® activated ensures that critical information reaches its addressees in a simple and intuitive way:

light has a signalling effect.

ADDED VALUE – WITHOUT LIMITS

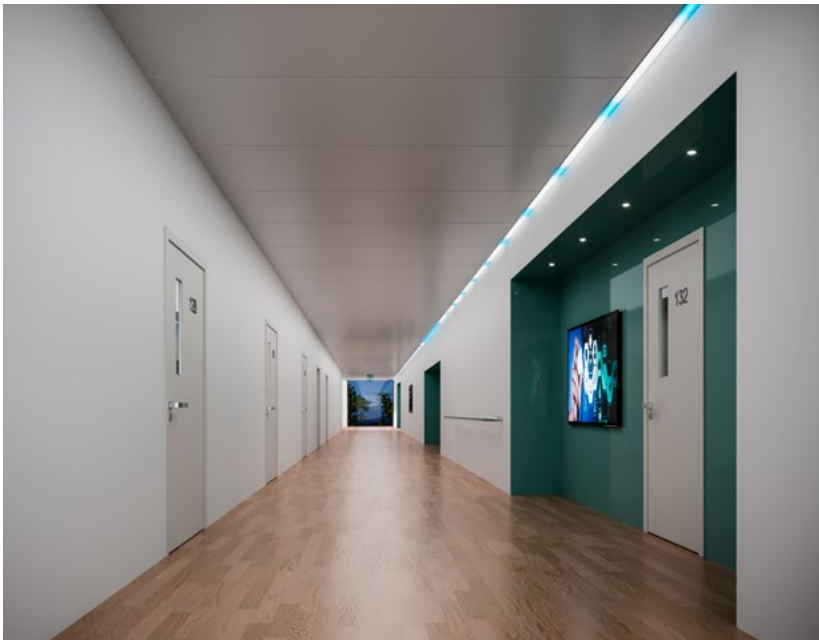
With SLOTLIGHT LynX® activated, Zumtobel overcomes conventional silo thinking in building management – for the benefit of employees and visitors, carers and patients. That's because using a smart platform to integrate lighting and emergency calls, signalling, navigation and location-based services can create enormous added value. The prerequisite is a digital interface ("connected API") that enables various independent applications to communicate with each other. For example, information from alarm and telephone systems, e-mails, text messages and cloud applications flows into the LynX® software. The goal: to systematically evaluate and visualise a wide range of building data to reduce costs and efficiently manage complex processes.

ORIENTATION IN COMPLEX BUILDING STRUCTURES

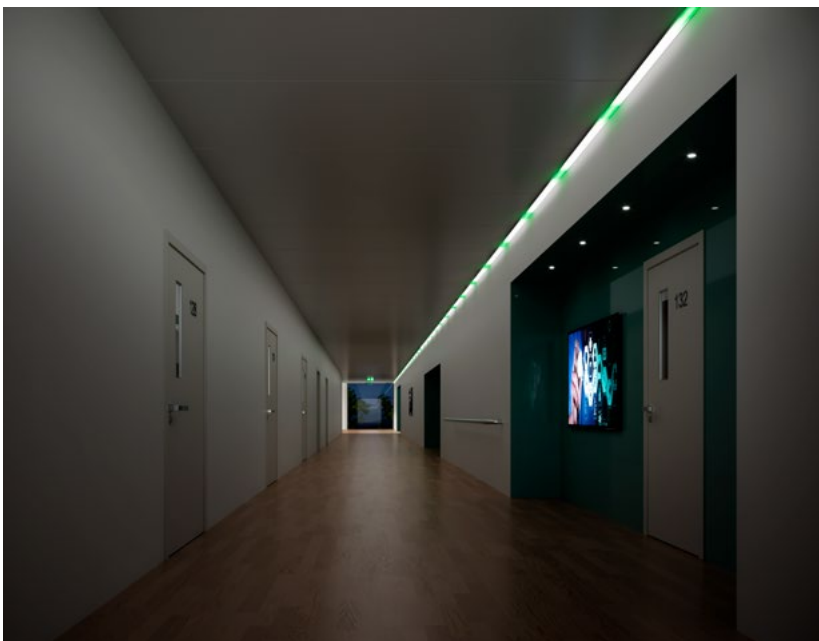
In principle, SLOTLIGHT LynX® activated is suitable for all buildings that use linear luminaires and have particularly complex architecture, and for all buildings that also want to use their lighting infrastructure for signalling, navigation and localisation. The experience obtained by LynX® can be used to equip nursing homes, hospitals and other healthcare facilities in particular. The system also provides added value and orientation in large office buildings, shopping centres, universities, museums and industrial buildings. The larger and more complex the building, the greater the benefit: SLOTLIGHT LynX® activated increases safety, relieves staff and optimises processes. One intelligent light line, many possibilities.



Available at the touch of a button: light!
In an emergency, things have to move quickly. That's why patients and office staff only need to press a button or click to report their needs. Smart beds, built-in alarm buttons or a tap in the associated app - static signalling light can be switched on in seconds and has an immediate effect. Whether it's carers, visitors or colleagues: one click, one look - and everyone knows what's going on. SLOTLIGHT LynX® activated stands for visual information transfer, without any annoying beeps.



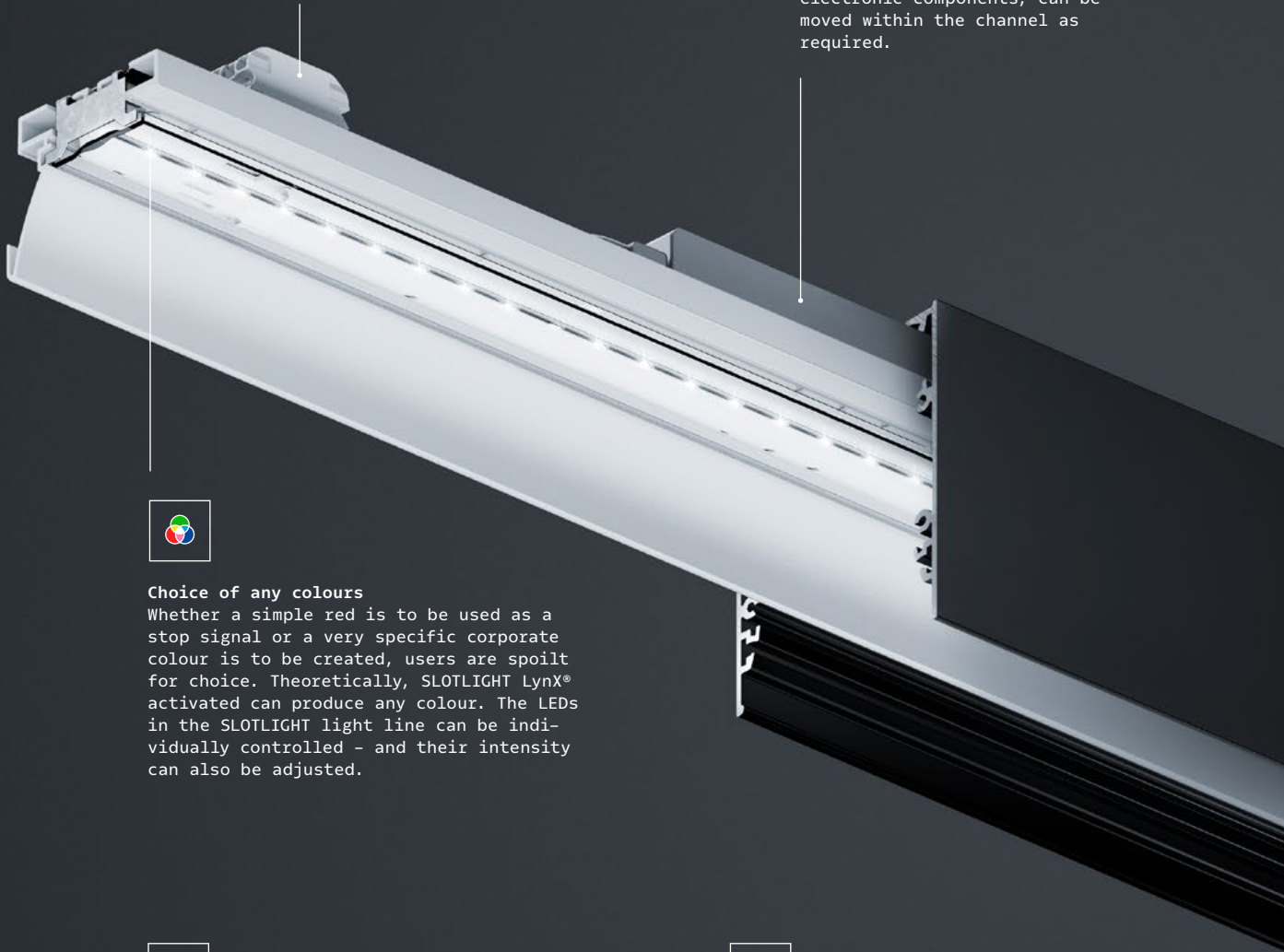
Silent alarm, smart signal
Ringing, shrilling, honking: alarm sounds cause enormous stress in everyday life - whether they're coming from a carer's emergency call, an oxygen saturation meter or an open emergency exit door in the office. Our hearts beat faster, our blood pressure rises and we release adrenaline. To avoid typical stress reactions, it is a good idea to switch to what is known as "silent alarming". The coloured light signals are unobtrusive but effective - and can even be perceived by people with hearing impairments. SLOTLIGHT LynX® activated achieves this too, creating a signalling effect and thereby reducing stress.



Dynamic navigation through complex buildings
Which route should we take? Where should we go? These questions can be crucial, especially in the event of a fire or during an ongoing emergency medical response. With the help of SLOTLIGHT LynX® activated, answers are provided within seconds and in a completely intuitive way. Moving light points the way: flashing signals or dynamically animated light lines make routing easier. They show the resuscitation team the way to the patient's room, guide employees safely out of the office building in the event of a fire and direct the technician to a fault in the production plant. Dynamic route guidance with light is particularly valuable in places with complex floor plans, nested architecture and many visitors from other locations.

SLOTLIGHT infinity II exclusively uses a newly developed 7-pole terminal. This contains three phases as well as two lines for DALI and/or emergency lighting, allowing the light line to be flexible and used in multiple versatile ways.

With predecessor models, the control gear and loop-through wiring are on the LED batten. The batten, which holds the electronic components, can be moved within the channel as required.



Choice of any colours

Whether a simple red is to be used as a stop signal or a very specific corporate colour is to be created, users are spoilt for choice. Theoretically, SLOTLIGHT LynX® activated can produce any colour. The LEDs in the SLOTLIGHT light line can be individually controlled - and their intensity can also be adjusted.



Location detection locates people and objects

People and machines can be located with an accuracy of around two metres with the help of LynX®. This is made possible by beacons in combination with Bluetooth Low Energy (BLE) and sensor technology. Attached to objects or integrated into a wristband, beacons emit a continuous signal that is received by luminaires and system components and then analysed, visualised and transferred to connected systems using software.



Wireless control, ideal for renovation projects

SLOTLIGHT LynX® activated is particularly easy and straightforward to install - even in existing buildings. This is made possible by the wireless control system. All luminaires only need to be connected to the power supply. Commands are transmitted wirelessly via Bluetooth or WLAN. With the help of a digital dashboard, SLOTLIGHT LynX® activated can be adapted to changing space requirements or functional needs.

**SLOTLIGHT
LYNX® ACTIVATED**



**SLOTLIGHT SLIM
LYNX® ACTIVATED**



Light distribution	100% direct light
Dimensions channel	1-4 metres (in sections of 250 mm)
Dimensions battens	1000 mm, 1500 mm, 2000 mm
Colour rendering	CRI > 80
Colour temperature	RGBW (W-4000K)
Efficiency	Polycarbonate PC to 1660 lm/m



Case studies

zumtobel.com/contact