



INOTEC & PHILIPS LUMIBLADE COLLABORATE FOR FIRST OLED GUIDANCE SYSTEM

This fire safety concept developed by INOTEC Sicherheitstechnik GmbH uses Philips' unique Lumiblade OLED lighting to improve the visibility of emergency lighting, especially in the case of smoke development. The perfect interplay between the intelligent controls and the Philips Lumiblades results in an innovative dynamic system that clearly indicates the safest escape route depending on where the fire is at any point in time.

The strict legal and technical requirements in place for lighting in escape routing systems mean that many conventional light sources can only be used after elaborate and often costly measures have been taken. OLEDs, on the other hand, already display many characteristics that make them ideal for emergency lighting purposes. Rather than comprising individual points of light, the Lumiblade illuminates the entire area, which makes the entire system very energy-efficient, as well as producing a good colour density and contrast. It is also very quick to respond, meaning it is particularly suitable for use in this dynamic escape routing system.

Since the Lumiblades are so thin, the system can be easily integrated into the structure of a building. In fact, from an aesthetic viewpoint, OLEDs are a welcome alternative to the standard plastic emergency exit signs that often detract from an otherwise perfectly styled room. Using Lumiblades, architects and designers are now able to incorporate emergency lighting into the overall design of a space, rather than having to work around it.

The current INOTEC system uses Lumiblades to illuminate both green areas (in the shape of arrows) and red ones (in the shape of crosses) that can be fixed into walls or floors to indicate that a route is either safe or blocked. INOTEC has also designed a traditional 'Emergency Exit' sign using OLED technology. A combination of both of these methods of lighting results in a highly visible and dynamic emergency routing system that is particularly effective in guiding people to safety in the case of fire and smoke development.