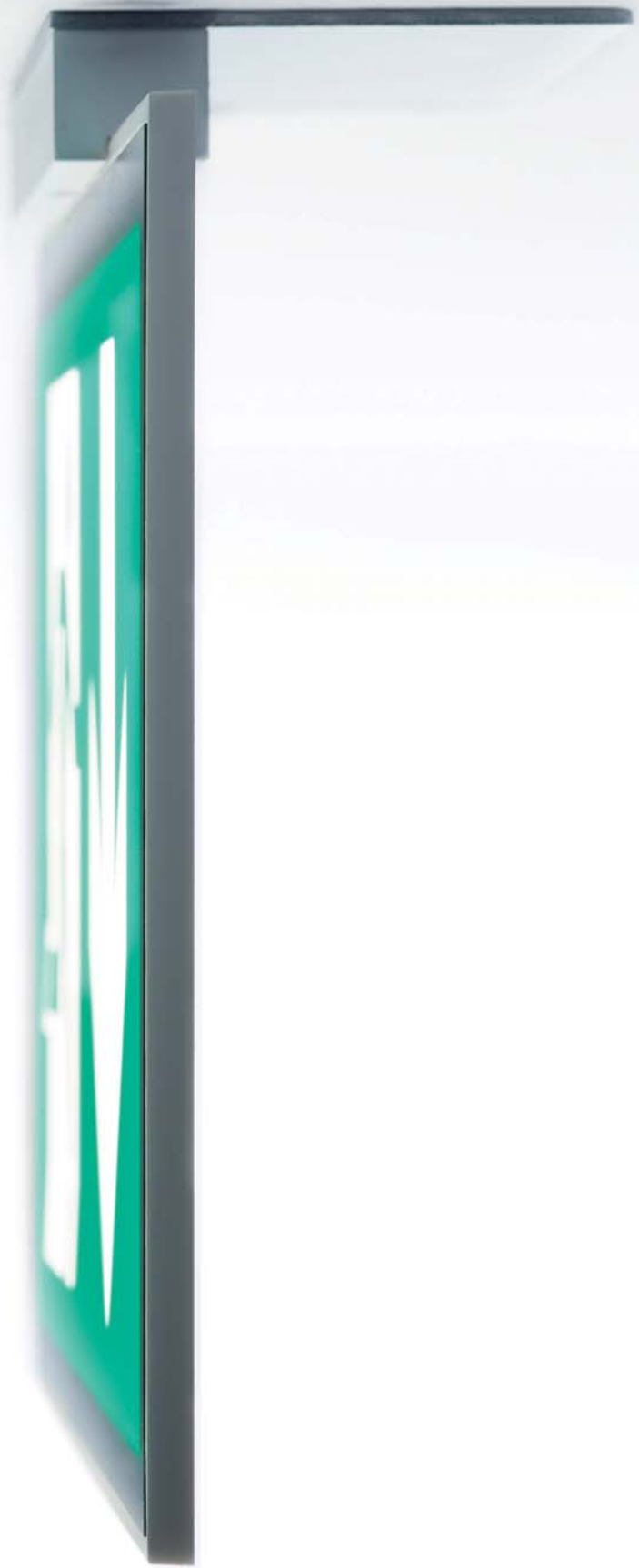


K4
OLED



ETAP 

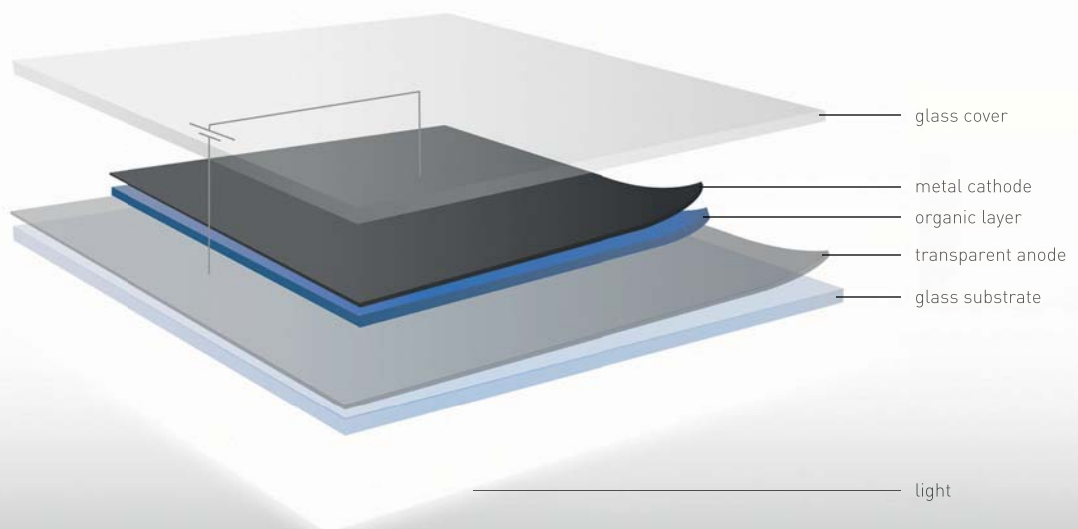
EXCELLENT LIGHTING, SAVING ENERGY



OLED: a new kind of lighting

OLED (Organic Light Emitting Diode) is a variation of the standard LED. Whilst LEDs are made up of inorganic material, OLEDs use organic macromolecules (hydrocarbon compounds) to produce light. Unlike LEDs (light point source), OLEDs are able to spread light over a specific surface. In practical terms, the organic particles are deposited on a glass plate, for example, and connected to a cathode and anode. When voltage is applied to it, the layer lights up.

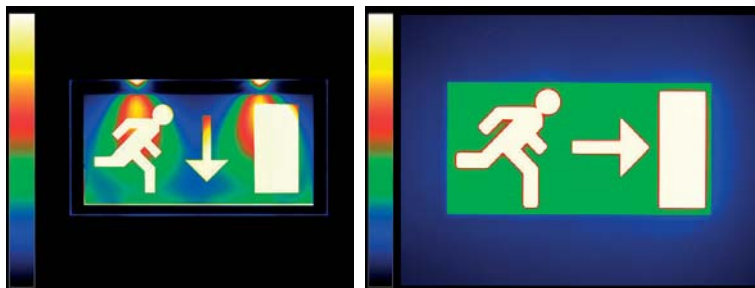
In terms of applications in the lighting world, OLED technology is still in its infancy. Yet it is obvious that it involves a particularly promising technology. Thanks to their perfectly even lighting, OLEDs are highly suitable for applications such as emergency lighting. The K4 series with OLEDs is therefore a unique combination of perfectly illuminated signage and ultra slim design.



K4 with OLED: perfection in signage

Perfect illumination

What is immediately striking in K4 is the perfectly homogeneous illumination of the pictogram. This obviously has to do with the OLED technology used, whereby the organic, light-emitting materials are spread over the full surface of the sign. The pictogram is therefore no longer indirectly lit by a separate light source, but it becomes the light source itself. The result is a sign without equal with respect to recognition and safety.



Illumination of a classic luminaire (1:6)

Illumination of K4 with OLED (1:1)

Slim and discreet

ETAP emergency lighting is known for its minimalist design and discreet aspect. With K4, we go one step further in this process. Since light source and sign form a unit, the luminaire's dimensions can be substantially reduced, resulting in a mere 4-mm thick signage plate.





Perfectly homogeneous illumination – the organic materials are spread over the full surface of the sign (here in life-size).

No compromise when it comes to safety

No compromises were made in the area of safety and reliability. Each luminaire is fitted with patented light source monitoring, i.e. a sensor that constantly measures the effective clarity of the signage and issues a warning once it no longer satisfies the EN1838 standard. This way, ETAP provides a solution for decreasing clarity over time. The signage plate with the OLEDs can, if necessary, be replaced.



K4 fitted with a sensor that constantly measures the effective light output of the signage.



Product range

K4 is available as a recessed luminaire for wall and ceiling mounting.



ceiling



wall

Housing and electronics are perfectly hidden from view in wall or ceiling, only showing the slim pictogram plate.

The K4 series always works in combination with the EBS Compact central battery system. Therefore not only keeping electronics and housing as small as possible, but also simplifying maintenance.



EBS Compact



K4 wall mounting



K4

OLED technology

- Slim and discreet design
- Perfectly homogeneous illumination

Individual light source monitoring

Mounting options

- Ceiling, recessed
- Wall, recessed



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