



K1R

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INTRODUCTION

ETAP tomorrow's light

THE NEW STANDARD IN EMERGENCY LIGHTING

- Complete basic range: picto & light
- Slim, sleek design
- Robust
- Easy installation & maintenance
- Easy to order: 1 luminaire for ceiling or wall (other mounting versions with accessories).



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APPLICATIONS

DIVERSE ENVIRONMENTS

- Offices
- Stores
- Public buildings
- Schools
- Light industry
- Technical rooms



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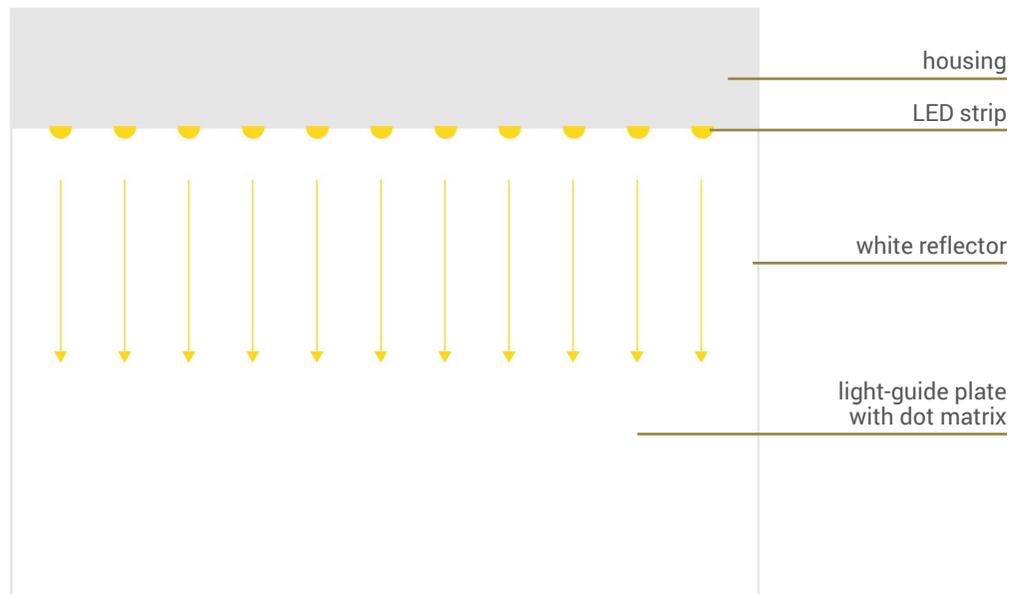


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PHOTOMETRY - PICTO

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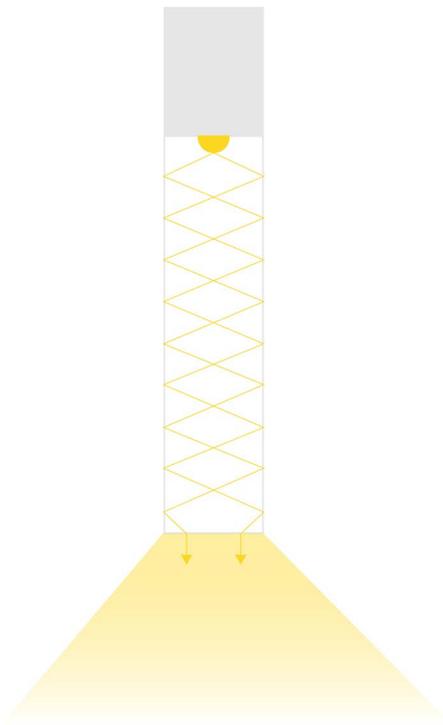
SMART DESIGN



The light is controlled in the light guide plate. The edge of the plate consists of white reflectors so that no light is lost. The dot matrix structure ensures uniform illumination.

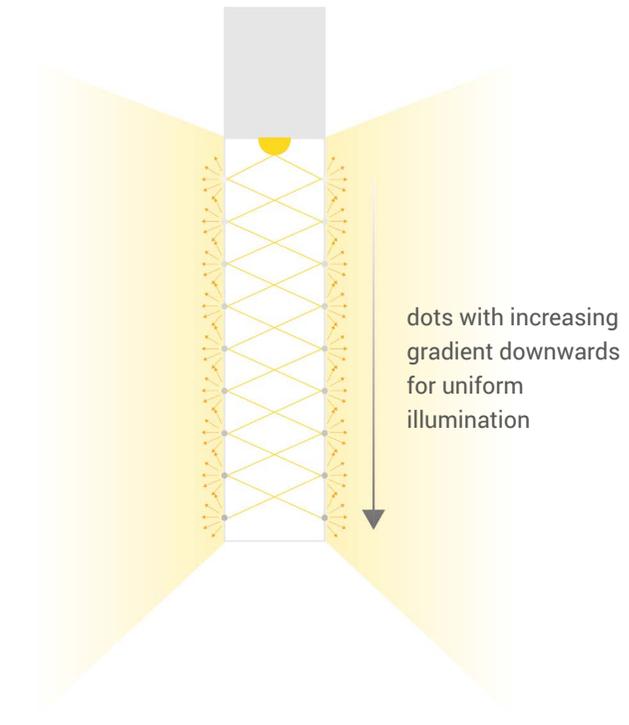


CROSS-SECTION WITHOUT DOT MATRIX STRUCTURE



The light is reflected and emerges from the bottom of the light-guide plate.

CROSS-SECTION WITH DOT MATRIX STRUCTURE



The light is scattered through the dots and uniformly exits from both sides of the light-guide plate.

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PHOTOMETRY - PICTO

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DOT MATRIX CREATES PERFECT ILLUMINATION

Dot matrix with microstructure:

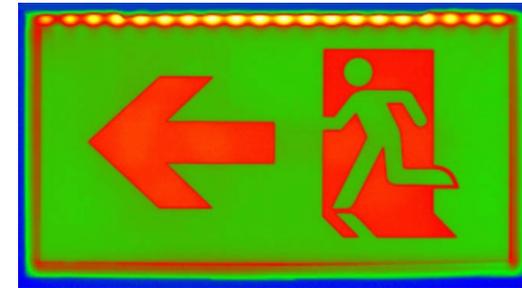
- Perfectly homogeneous illumination
- High level of clarity

What's in it for you?

- Excellent recognition, increased safety
- great recognition distance, hence fewer luminaires

In figures:

- Recognition distance: 29.4 m
- Clarity in case of emergency: 35 cd/m²
- Clarity in standby mode: 80 cd/m² or 500 cd/m² (adjustable)



Luminance image K1R: the pictogram is perfectly illuminated thanks to the dot matrix technology with microstructures.



The K1R-picto can be fitted with additional LEDs at the bottom of the pictogram (L3 option). In the event of a power outage, the discreetly integrated LEDs provide additional escape route lighting, anti-panic lighting or illuminate the fire extinguishers.

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PHOTOMETRY - MINI-PICTO



In the version with mini-signage, a lens directs the light into the pictogram plate.

In the K1R with fire extinguisher signage, a special lens directs the light both into the pictogram and towards the wall/fire extinguisher.



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PHOTOMETRY - LIGHT



INTELLIGENT LENS

Escape route



Anti-panic

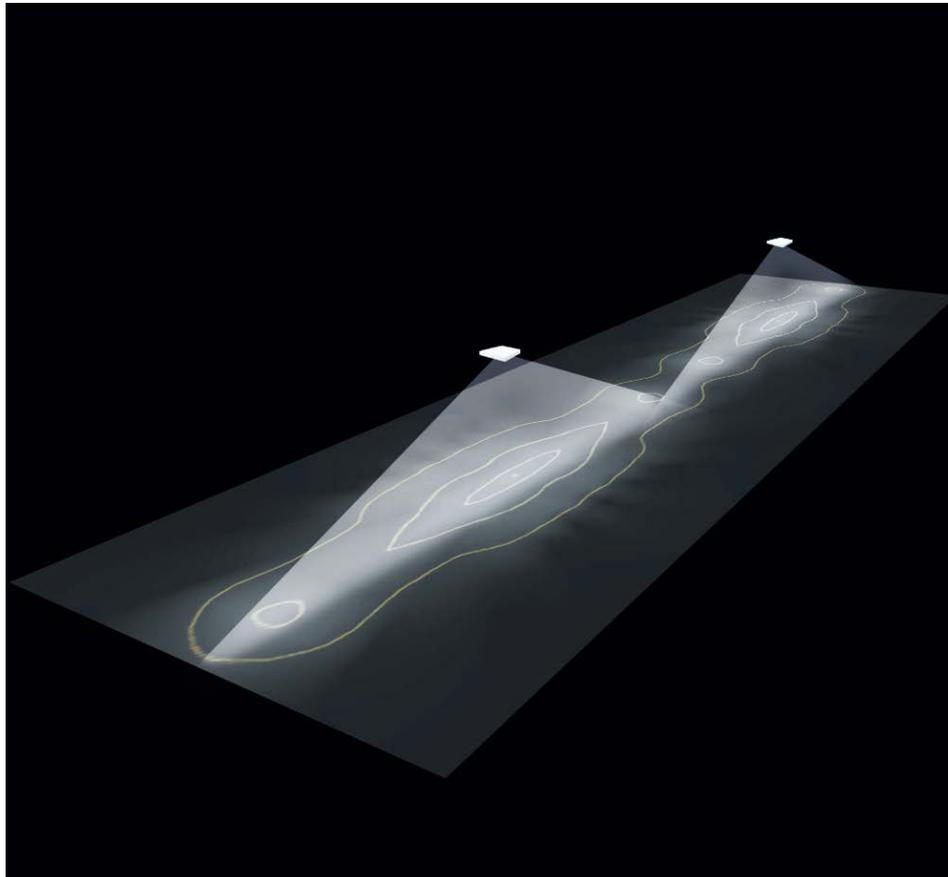


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PHOTOMETRY - LIGHT

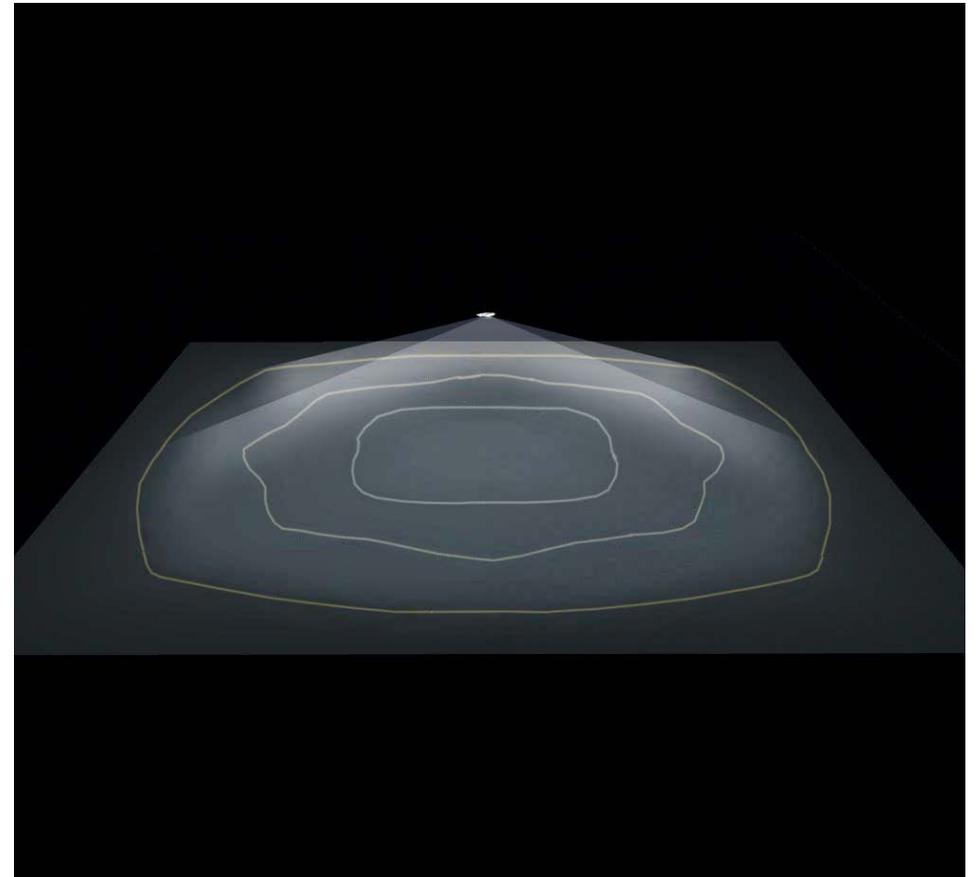
Escape route

- directs light lengthways
- 1 luminaire for **20 metres** escape route (3 m height)



Anti-panic

- nearly square light distribution
- 1 luminaire for **144 m²** surface area (3 m height)

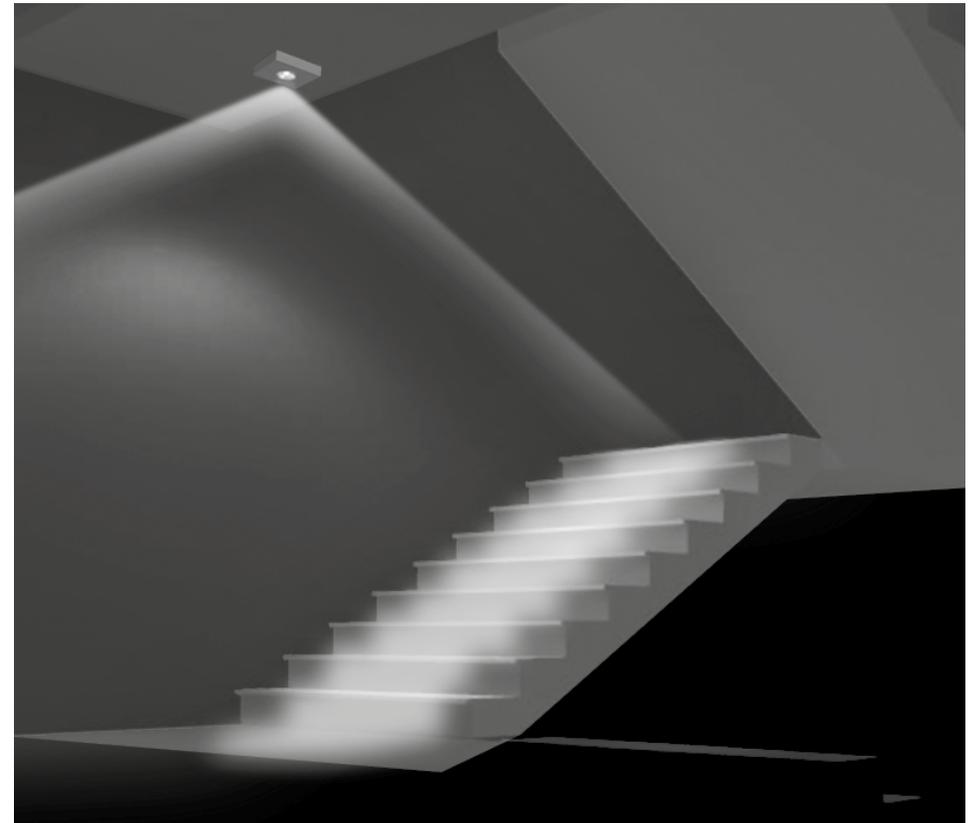


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PHOTOMETRY - LIGHT

Double lens with increased luminous flux, for:

- High-risk areas
- Very high suspension heights (escape route and anti-panic)
- High lux levels (e.g., stairwell - obligatory in certain countries)



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PHOTOMETRY - LIGHT

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COMFORT VERSION

Glare free luminaire (escape route or antipanic) thanks to a large luminous surface and a diffuse light distribution.

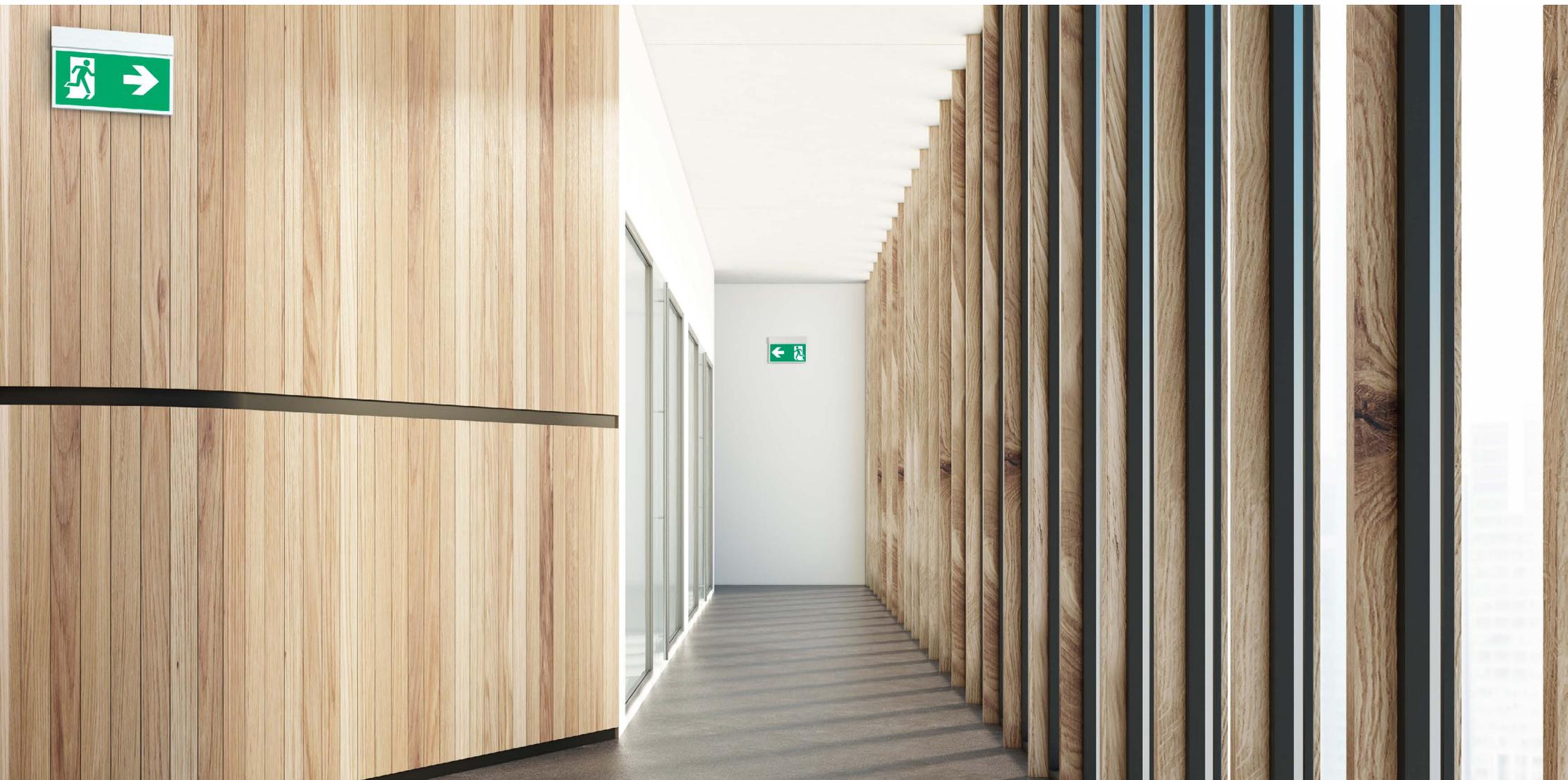
Applications:

- for spaces with high ceilings that only allow wallmounting (escape route and antipanic)
- luminaire above the door (escape route)
- staircase
- also suitable as night lighting



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INSTALLATION - PICTO

3 INSTALLATION STEPS:

1. Screw in the mounting plate
2. Connect cables
3. Click luminaire in place

By mechanically mounting the luminaire, it is at the same time electrically connected.



1 luminaire for wall and ceiling
Polarity insensitive bus

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INSTALLATION - LIGHT

3 INSTALLATION STEPS:

Surface-mounted :

1. Screw in the mounting plate
2. Connect cables
3. Click the luminaire in place

By mechanically mounting the luminaire, it is at the same time electrically connected.

Recessed:

1. Connect cables
2. Install driver in ceiling
3. Click the luminaire in place

Polarity insensitive bus



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INSTALLATION

Accessories for surface-mounting or through cabling



Convenient breakout ports for surface-mounting or through cabling



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MAINTENANCE

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EASY TO MAINTAIN

- Batteries last up to 10 years
- Light source lasts until end of luminaire's lifetime
- Battery & light source easily replaceable:
 - open without tools
 - safe/voltage free (automatic disconnection)
- 5 years warranty

YEAR
5
WARRANTY
BATTERY INCL.



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OPTIONS AND SYSTEMS

- EST+ self-test: test autonomy, electronics and operation.
- ETAP Safety Manager (ESM): monitors status of all emergency luminaires, both wired and wireless
- Central battery systems: EBS & EBS compact
- Batteries with 3h autonomy (S2)
- Batteries with 8h autonomy (S3)
- Remote control (S4)
- Lithium-iron phosphate batteries (S5)
- DALI (S11)
- ESM for central grid (S20)
- Monitoring modules for EBS (C1-C2-C3)



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RANGE - PICTO

SURFACE-MOUNTED



Ceiling



Wall



Mini-signage*



Mini-signage L2*

OPTIONS



Mounting frame



Surface mounting wiring



Suspended (3 lengths)



Square wall mounting



Adaption plate for
K5 renovation



K1R picto with L3 option

*Available with square wall mounting and mounting frame,
see slide 21

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RANGE - LIGHT

SURFACE-MOUNTED



Escape route



Anti-panic



Increased luminous flux



Comfort**

RECESSED



Escape route



Anti-panic

OPTIONS



Square wall mounting



Mounting frame



Impact-resistant

** Available with surface mounting wiring, see slide 20

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SUMMARY

ETAP tomorrow's light

BASIC RANGE THAT STANDS OUT IN ITS SIMPLICITY AND STYLE

- Full range
- Sleek design
- Robust
- Easy to order: 1 luminaire for ceiling or wall
- Easy installation & maintenance
- Best-in-class in terms of optical performance:
 - large intervals
 - perfect uniformity



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