

The fastest route from fluorescent to LED



EXCELLENT LIGHTING, SAVING ENERGY

Easy switch from E3/E5 to LED



Does your lighting installation consist of E3 or E5 luminaires with fluorescent lamps? Are you convinced of the benefits LED lighting has to offer? Our LED module provides you with a simple, yet efficient solution to switch to LEDs in your existing installation.

LEDs: numerous advantages

LEDs have a **long service life**, an important argument in environments where lamp replacement is not always easy. They are also a lot more **energy-efficient** than the traditional fluorescent applications, which will allow you to save up to 30% in energy – especially with great luminous flux and great number of burning hours.

New module on existing profile

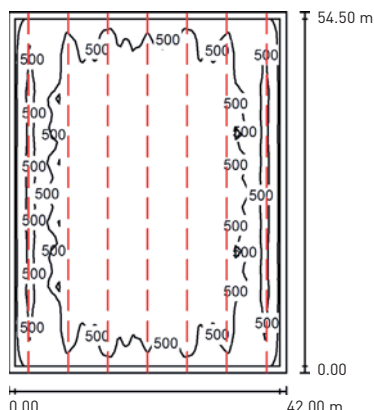
The principle behind the renovation is simple. You keep the existing E3 or E5 profile and only replace the light bulb and the reflector with an LED module. Therefore, **no adjustments** have to be made to the ceiling or cabling, which will **considerably reduce installation expenses**. The module comes in one unit, thus taking **little time** to install and ensuring maximum **continuity**. Lastly, this solution increases ease of maintenance: any potential defective modules can be simply replaced.

Flexible lens technology

The LED module uses DUAL•LENS™ technology, which combines medium-power LEDs with a unique linear lens. The surface structure creates a twofold effect: the structure on the inside determines the desired light distribution: It comes in wide- and narrow-angle, but also

asymmetric and double asymmetric light distribution. The structure on the outside of the lens for its part reduces the luminance of the LEDs ($UGR < 22$ or < 25). **Result: visual comfort and superior ROI.**

DUAL•LENS
TECHNOLOGY



AN EXAMPLE

By replacing 168 E3 luminaires in an assembly hall measuring 42 x 55 metres with as many LED modules, the specific power drops from 1.61 to 1.23W/m²/100 lx, whereas the light level remains the same (500 lux). This boils down to total savings of 24% on energy costs. In addition, there is no maintenance cost whatsoever for lamp replacement. The cost recovery period for your lighting installation in constant use will be 3 years.

Contact your ETAP
advisor to calculate the
LED alternative to your
existing installation.

FROM FLUORESCENT TO LED IN 3 EASY STEPS:



1. Dismantle reflector



2. Remove end caps and connection



3. Connect and snap LED module in place

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ETAP 
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