

## LED BRICK

CUSTOMIZED BACKLIGHT AND DIFFUSE LIGHTING

▶ LED ILLUMINATION

▶ MACHINE VISION APPLICATIONS

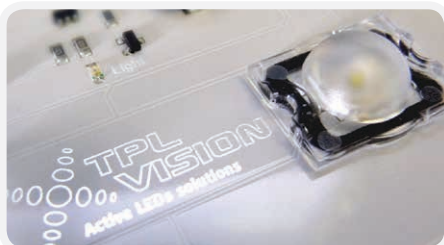
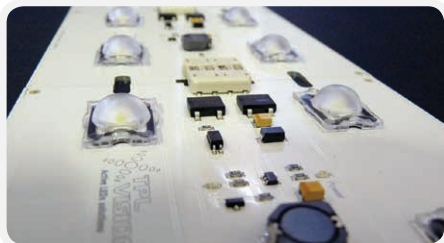
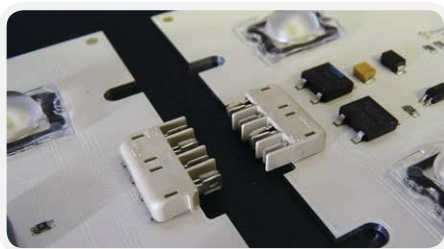
▶ HIGH POWERFUL LED

▶ CUSTOMISABLE BACKLIGHT

▶ VERY DIFFUSE LIGHTING

## WITH LED BRICK, GET YOUR CUSTOMIZED LIGHTING SOLUTION.

- ✓ Extendable & upgradable solution,
- ✓ easy-to-use,
- ✓ continuous & strobe modes.



## INCREASE DIFFUSE LIGHTING POSSIBILITIES, MEANWHILE SAVING MONEY.

Not any lighting solution gives those possibilities, with so many advantages, for this price!

### VERY LARGE BACKLIGHT CONFIGURATIONS

Set Led Bricks together and get very large lighting areas, and fit to many cases.

### GET HOMOGENEOUS LIGHTING

By using a suitable diffuser, you will get an homogeneous lighting.

### POWERFUL LED LIGHTING

Led Brick is made with 4 high power leds, so you also take advantage of led quality.

### USER FRIENDLY DESIGN, EASY TO INSTALL

Interconnect Led Bricks, fix them, power... Ready to light.

### ANY SIDE CONNECTION FOR EQUIPMENT SAFETY

Plug power supply cable in the first brick, at any side, no risk of electric crash.

### INCREASE YOUR BACKLIGHT SIZE

Use the brick to brick cable and increase the distance between Led Bricks, so your configuration will be even larger.

## TPL VISION, MACHINE VISION SPECIALIST

TPL Vision is the French specialist for **High power led Lighting solutions** for **Machine Vision**.

TPL Vision **develops** and **manufactures** High Power LED lighting solutions for machine vision applications. **Involved expert**, TPL Vision offers a **consultancy** and **feasibility service** for each project you may have. Currently **leader in France**, TPL Vision develops solutions among the most **complex** to answer your machine vision challenge.

**Quality, know-how** and **availability** are the company's key principles. TPL Vision is a **pioneer** especially in the **miniaturization** of power lights. TPL Vision products are designed to meet **the most demanding industry standards**.

## LED BRICK, RELEVANT LIGHTING FOR VISION

We designed **Led Brick** for **Machine Vision experts**, taking into account their **needs**.

Led Brick is a **specialized product** for Machine Vision, camera control, highly recommended to build **backlight** or **diffuse light**, of **any size**, with all the **led technology benefits**, and at an **affordable price**. By using a Led Bricks configuration for your application, you get an **excellent value for money**.

- ✓ customizable colours and lenses
- ✓ brightness stability, concentrated power
- ✓ extendable and upgradable solution
- ✓ easy to install, polarity inversion protection

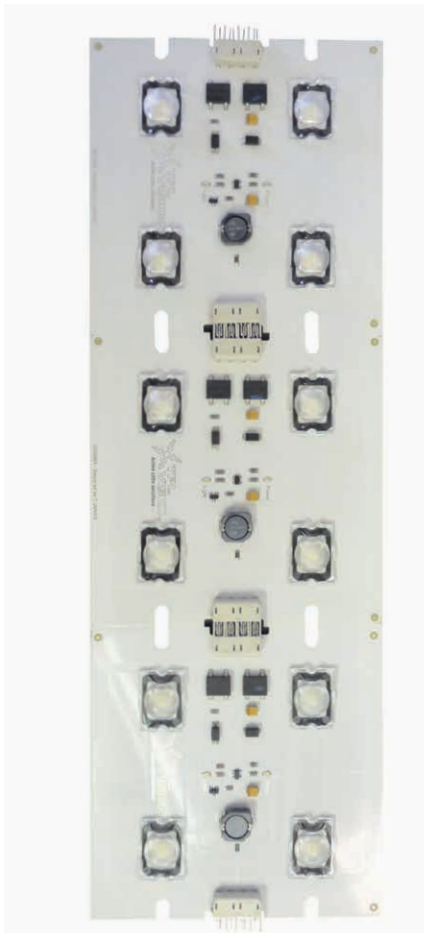
## SPECIFICATIONS & INSTALLATION

Specifications	
Dimensions	100 x 100 mm
Power supply	24 V
Functioning mode	Continuous or strobe according to wiring
Maximum rising time	150µs
Maximum falling time	150µs
Power consumption	< 6 W
Number of leds	4
Light colors	white, red, blue, green, infra-red
Power supply connection	bare wire
Strobe mode	5 to 24V opto-coupled
Internal current regulation	yes
Assembly	up to 12 Led Bricks

### TO MAKE A 300 X 100 MM BACKLIGHT AREA :

- Interconnect and fix 3 Led Bricks,
- plug power supply cable in the first brick (either side),
- fix the diffuser plate at 45 mm (mini) away from Led Bricks modules,
- ready to light !

- ✓ strobe and continuous modes
- ✓ 24 V
- ✓ powerful led lighting
- ✓ infra-red available (850 nm)
- ✓ easy to install
- ✓ brick to brick pluggable extender



Interconnect, fix, power,  
add diffuser and... Light !



FOR MORE INFORMATION,  
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