



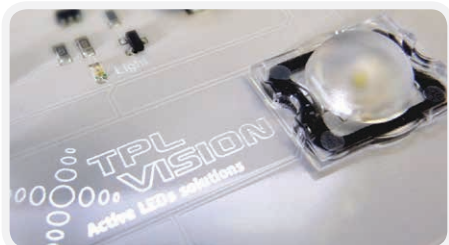
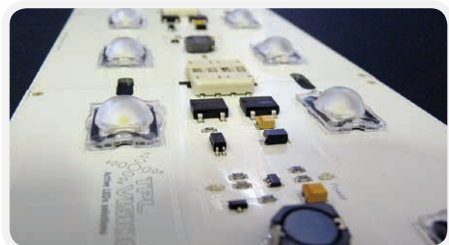
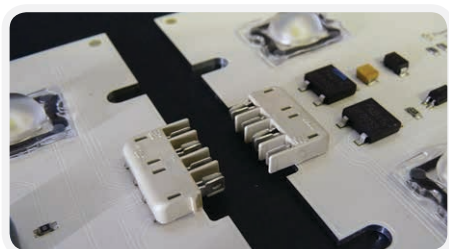
LED BRICK

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

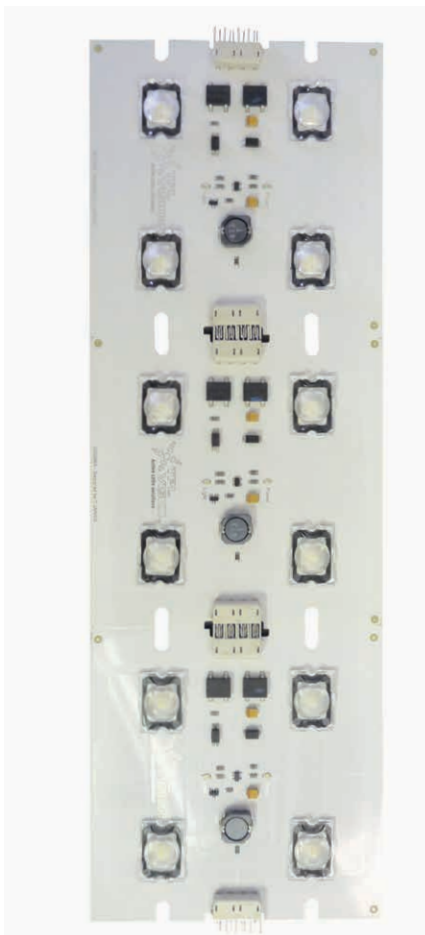
SPECIFICATIONS & INSTALLATION

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,
CONTACT US AT :

contact@tpl-vision.co.uk

ACCESSORIES

Brick cable



Ref: C-BRICK-500MM

Interbrick cable



Ref: C-INTERBRICK-250MM

Safety glasses



Ref: EYE-PROTECT

Features and presentations liable to modifications without prior notice. Ref.TS-080101-B2, 12/2019 Edition.

TPL VISION UK

Brenchley House - School Road - Charing - Kent TN27 0JW - UK
Tel. +44 (0)1738 310 392 - contact@tpl-vision.co.uk

www.tpl-vision.com

LED BRICK

RoHS **CE**
COMPLIANT