



**1,50M LIGHT  
WITH EASY  
MAINTENANCE  
FOR A HIGH  
PRODUCTION RATE**

**6 BARS OF 6  
LEDS CAN BE  
PLUGGED ONE  
NEXT TO THE  
OTHER  
RELENTLESS AND  
HOMOGENEOUS  
LIGHTING**

## **LR BAR**

**WEB INSPECTION**

Linear and Modular  
Light

Useful with linear cameras

Strong aluminium body

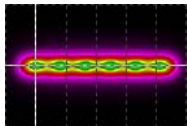
Each bars works on its own

Easy storage

 **TPL**  
**VISION**  
Active LEDs solutions

[www.tpl-vision.net](http://www.tpl-vision.net)

**6 POWER LEDS MODULAR BAR LIGHTS**



**Description :**

6 LRBAR are plugged one to another makes an uncut powerful light line.  
Use it in textile and paper industry to see holes, lack of glue, splits, etc.

**How to use it :**

Place the light with an angle of 45° (for cracks detection on opaque material for example) right above the product to check.

**Products highlights :**

Indeed, this product allows a perfect light-scattering without any point of impact.  
Essential while using linear cameras because there is no need for more than 40mm wide in this case.  
LRBAR is easy to stock and can be the only reference for lights from 250 to 1500 mm.

**Common applications :**

Quality control : web inspection, etc.

**Optional accessories :**



M12 4 poles female cable - 2 m	<b>C-M12-4P-2M</b>
M12 4 poles female cable - 5 m	<b>C-M12-4P-5M</b>
M12 4 poles crooked female cable - 2 m	<b>C-CA-M12-4P-2M</b>
M12 4 poles crooked female cable - 5 m	<b>C-CA-M12-4P-5M</b>
White diffuser for 6 LEDs bars	<b>DO-LRBAR6</b>
Polarizing film for 6 LEDs bars	<b>POL-LRBAR6</b>

**Order reference :**

6 LEDs modular bars	<b>LRBAR6-xxx</b>
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	<b>LRBAR6-xxx</b>	<b>Comments</b>
<b>Electric specifications</b>		
Power supply	24 VDC	+/- 10%
Power consumption	2 W/LED	
Strobe mode voltage	From 5 to 24V	
Maximum power in the LED	700 mA	
Strobe signal frequency	300 Hz max	
Maximum rise time	1,5 ms	
Maximum fall time	500 µs	
Wiring	1 male M12 4 poles connector(Main power supply) 1 female M12 4 poles (connection)	
<b>Mechanical specifications</b>		
Number of LEDs	6	
Dimensions	252 x 47 x 47 mm	
Illumination window	230 x 39 mm	
Weight	530 g	
Material	Profiled grooved aluminium 45 x 45 mm	
Diffuser	Transparent diffuser	
Luminosity : Distance/ Power	80 mm/45 000 Lux	
Uniformity :	+/- 10%	At 80 mm
Beam's wide	20 mm	At 80 mm
Optic angle full	18°/32°	
Colours available	<b>WHI 630 470 525 850</b>	
Mounting options	2 provided M8 nuts to put at the back of the product.	
Included accessories	/	
<b>Environment</b>		
Operating temperature	0-40°C	
Storage temperature	0-60°C	
IP class	IP40	
Labels	RoHS - CE - DEEE	

**Other documents available online :**  
- Product plans (pdf, dwg, dxf, igs, step and x\_t)  
- Plug in and settle up documents

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