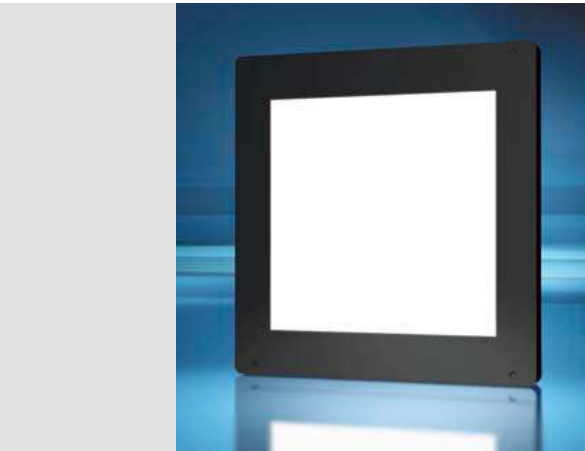


# INDUSTRIAL BACKLIGHT




## White led Backlight 100x100

LESS THAN 20% LUMINANCE LOSS AFTER 100 000 HOURS (\*)  
 LESS THAN 10% CHROMATICITY SHIFT AFTER 100 000 HOURS (\*)

### Illumination

Luminance minimum	<b>≥90 000 cd/m<sup>2</sup> continuous mode</b>
Uniformity minimum	<b>≥95% (+/- 10%)</b>
Source Type	White LED
Colour Temperature	5700°K (+/-500)
Light Angular Distribution	30° 1/2 angle
Expected Life	<b>&gt; 100 000 hours</b>

### Electrical

Input Voltage	24 VDC (continuous mode)
Input Current	≤900 mA (continuous mode)
Cable length	2 M - Ø 2.7 mm (6.56 ft - Ø 0.10")
Connector	None
Cable pinout	
CE Conformity	Yes
Strobe mode	Max. Cur: 3.6A / Pulse Width: 10ms / Duty Ratio: 1/10

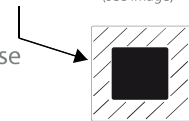
### Outer unit

L x W x H	140 x 134 x 8.5 mm (5.51 x 5.28 x 0.334")
Housing Material	Black Anodized Aluminium
Weight	400 g (14.1 oz)
Mounting	4 bore holes (D8 for the first 3.5 mm of height, D4 for the other 5.5 mm)

### Environmental

Max. Operating Humidity	95% non-condensing
Operating Temperature	50°C (122°F) max
Storage Temperature	60°C (140°F) max
Shelf life	12 months from date of purchase
Max. temp. on housing	+80°C (+176°F)

area of temperature measurement  
 30mm all along the edges of the back of  
 the black anodized aluminium housing  
 (see image)



Do not cover the backlight when it's switched on.

### Accessories

**LED Dimmer:** 28V-5A very compact and easy to use  
 Product key: PHLOX DIM LIGHT

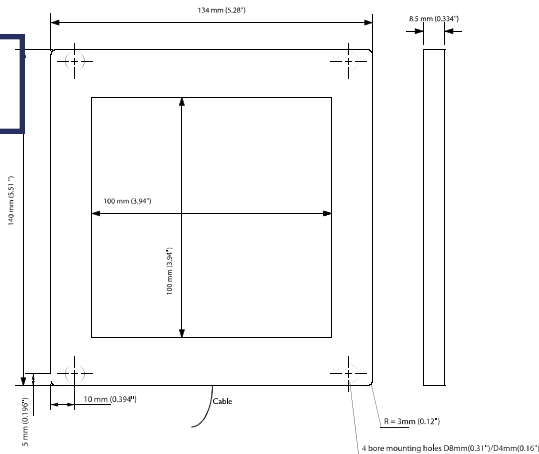
**Power supply:** 110V and 220V  
 Product key: ALIM-24V-2.5A60WEU or ALIM-24V-2.5A60WUS

**LED Strobe:** 28V - 5A (up to 40A in pulse mode)  
 Pulse width between 2µs and 10ms  
 Product key: PHLOX STROBE LIGHT

CLASS 0: NO RISK (CIE S2009:2002/NF EN 62471)

Each PHLOX Backlight is provided with:

- 24 months warranty
- Certificate of uniformity and luminance
- Seal of quality on the back



## DESIGNED FOR YOUR APPLICATION

Bottle inspection (glass and plastic)  
 Particle measurement  
 Picture digitalization  
 Dimensional control  
 Shaping control  
 Quality control with transparency.

## & YOUR INDUSTRIAL SECTOR

Glassmaking  
 Pharmaceutical/Cosmetics  
 Automotive  
 Agribusiness  
 Electronics  
 Aeronautics and space.

