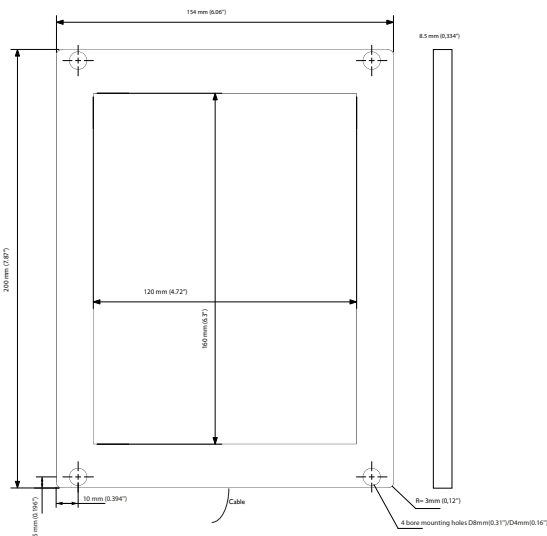


**NEW!**

# LLUB (Long life Ultra Bright) White led Backlight 160x120

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

PHLOX - LEDW - BL - 160x120 - LLUB - Q - 1R - 24V-V2




## Illumination

Luminance minimum **≥60 000 cd/m<sup>2</sup> continuous mode**  
 Uniformity minimum **≥95% (+/- 10%)**  
 Source Type White LED  
 Colour Temperature 5700°K (+/-500)  
 Light Angular Distribution 30° 1/2 angle  
 Expected Life **> 100 000 hours**

Scan for DS  
and 3D Files !



## Electrical

Input Voltage 24 VDC (continuous mode)  
 Input Current ≤700 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 Available in option

## Outer unit

L x W x H 200 x 154 x 8.5 mm (7.87 x 6.06 x 0.334")  
 Housing Material Black Anodized Aluminium  
 Weight 400 g (14.11 oz)  
 Mounting 4 bore holes (D8 for the first 3.5 mm of height, D4 for the other 5 mm)

LLUB Backlights by PHLOX® offer the **best life cycle**, the **best chromaticity stability** and the **best luminance on the market**, all in an ultra compact and **IP-65 body**. PHLOX® is the only manufacturer to provide uniformity and luminance datas on the quality control seal positioned at the back of every backlight.

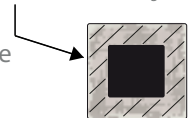
**DESIGNED FOR YOUR APPLICATION**  
 Bottle inspection (glass and plastic)  
 Particle measurement  
 Picture digitalization  
 Dimensional control  
 Shaping control  
 Quality control with transparency.

**& YOUR INDUSTRIAL SECTOR**  
 Glassmaking  
 Pharmaceutical/Cosmetics  
 Automotive  
 Agribusiness  
 Electronics  
 Aeronautics and space.

## 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)

**RoHS** directive compliant

Each PHLOX Backlight is provided with:  
 - 24 months warranty  
 - Certificate of uniformity and luminance  
 - Seal of quality on the back

March 15, 2022

