

**NEW!**

# LLUB (Long life Ultra Bright) White led Backlight 100x100

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

PHLOX - LEDW - BL - 100x100 - LLUB - Q - 1R - 24V - V3




## Illumination

Luminance minimum	≥90 000 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	≤600 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

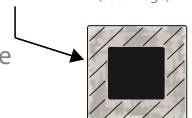
## Outer unit

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



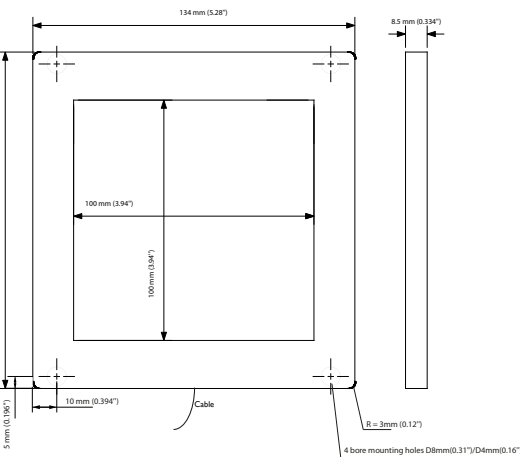
CLASS 0: NO RISK (CIE S2009:2002/NF EN 62471)

**RoHS** directive compliant

Each PHLOX Backlight is provided with:

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

October 22, 2021



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.

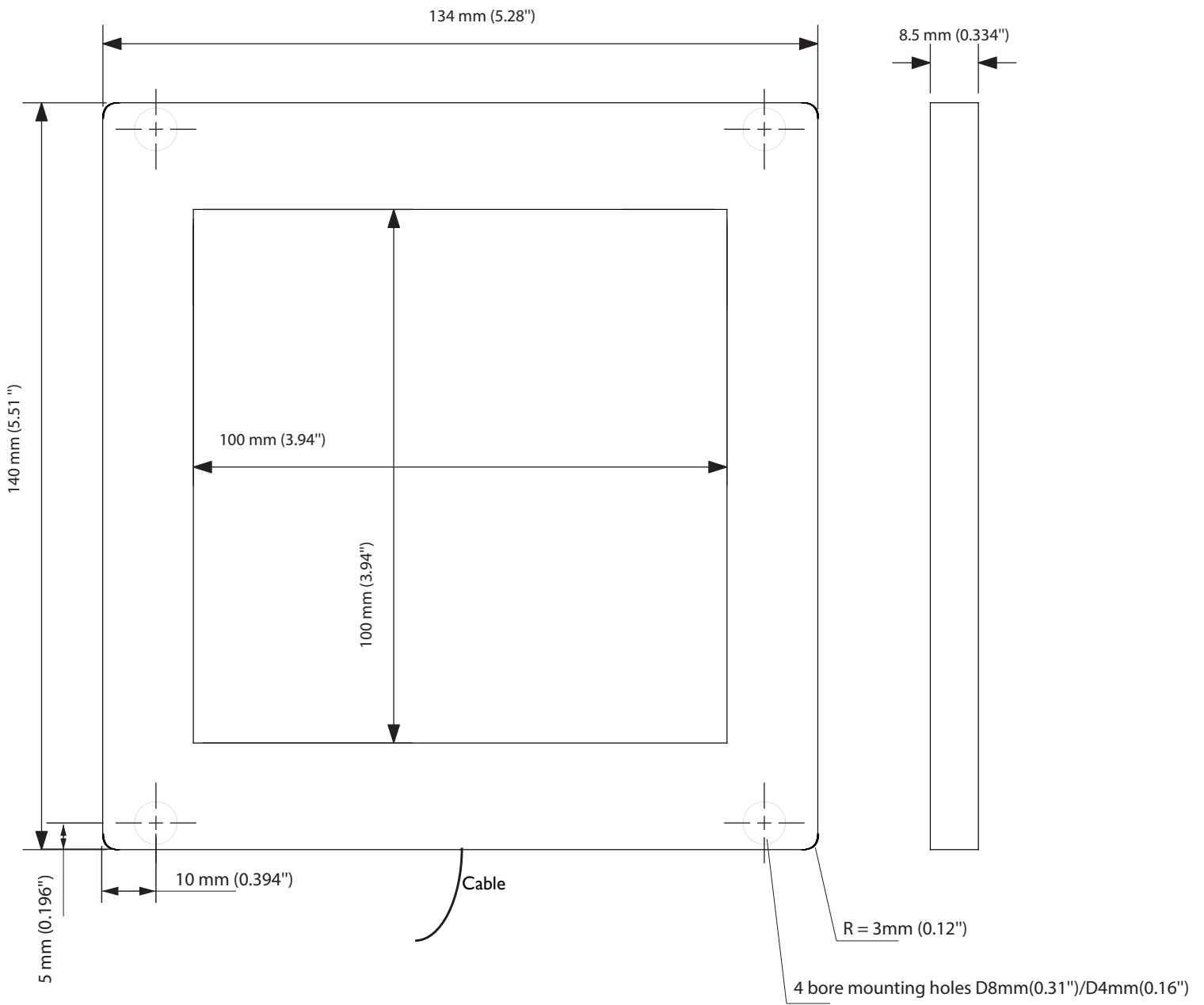
## DESIGNED

### 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.



PROPRIÉTÉ DE PHLOX SA- REPRODUCTION INTERDITE SAUF ACCORD ÉCRIT

PHLOX-LEDW-BL-100X100-LLUB-Q-1R-24V-V3

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