

**NEW!**

## LLUB (Long life Ultra Bright) Green led Backlight 50x50

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

PHLOX - LEDG - BL - 50x50 - LLUB - Q - 1R - 24V




### Illumination

<b>Luminance minimum</b>	≥ 50 000 cd/m <sup>2</sup> continuous mode
<b>Uniformity minimum</b>	≥95% (+/- 10%)
<b>Source Type</b>	<b>Green LED</b>
<b>Wave Length</b>	525 nm (±5 nm)
<b>Light Angular Distribution</b>	30° 1/2 angle
<b>Expected Life</b>	> 100 000 hours

Scan for DS  
and 3D Files !



### Electrical

<b>Input Voltage</b>	24 VDC (continuous mode)
<b>Input Current</b>	≤300 mA (continuous mode)
<b>Cable length</b>	2 M - Ø 2.7 mm (6.56 ft - Ø 0.10")
<b>Connector</b>	None
<b>Cable pinout</b>	
<b>CE Conformity</b>	Yes
<b>Strobe mode</b>	<b>Available in option</b>

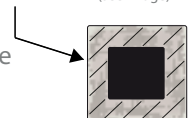
### Outer unit

<b>L x W x H</b>	90 x 85 x 8.5 mm (3.54 x 3.35 x 0.334")
<b>Housing Material</b>	Black Anodized Aluminium
<b>Weight</b>	120 g (4.2 oz)
<b>Mounting</b>	4 bore holes (D8 for the first 3.5 mm of height, D4 for the other 5 mm)

### Environmental

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

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.

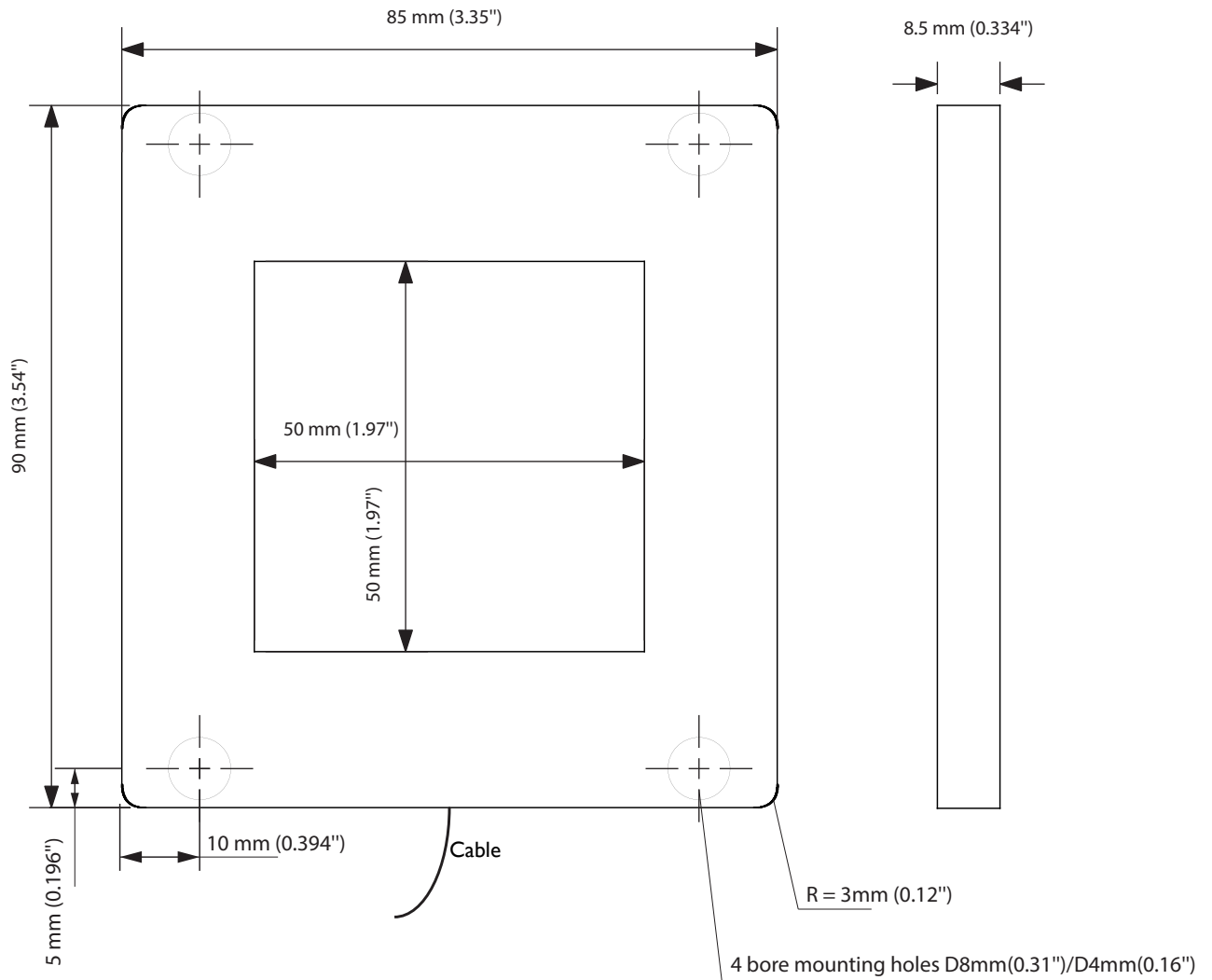
CLASS 0: NO RISK (CIE S2009:2002/NF EN 62471)

**RoHS** directive compliant

Each PHLOX Backlight is provided with:

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

December 8th, 2022



PROPRIÉTÉ DE PHLOX SA- REPRODUCTION INTERDITE SAUF ACCORD ÉCRIT

PHLOX-LEDG-BL-50X50-LLUB-Q-1R-24V

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