

Manufacturer	Source colour	Light Output Area/Length	Injection process	Input voltage
PHLOX	LEDIR	OA - 50x50	LLUB	Q - 1R - 24V
Source type	Product type	Range	Number of light sources' rows per cicu	

PHLOX® EXCLUSIVE LIGHT PROCESS  
WORLDWIDE PATENT ISSUED

**NEW!**

## High Uniformity Infrared led On-Axis 50x50

PHLOX - LEDIR - OA - 50x50 - LLUB - Q - 1R - 24V



### Illumination

Radiance minimum  
Uniformity minimum  
Source Type  
Wavelength  
Expected Life


**≥4 W/m<sup>2</sup>.sr continuous mode**  
**≥80% (+/- 10%)**  
Infrared LED  
850 nm (+/- 15)  
**> 100 000 hours**

Scan for DS  
and 3D Files !



### Electrical

Input Voltage  
Input Current  
Cable length  
Connector  
Cable pinout  
CE Conformity  
Strobe mode

24 VDC (continuous mode)  
≤140 mA (continuous mode)  
2 M - Ø 2.7 mm (6.56 ft - Ø 0.10")  
None  
  
Yes  
Max. Cur: 0,56 A / Pulse Width: 10ms / Duty Ratio: 1/10

### Outer unit

L x W x H  
Housing Material  
Weight  
Mounting

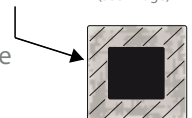
90 x 85 x 64.5 mm (3.54 x 3.35 x 2.54")  
Black Anodized Aluminium  
220 g (7.76 oz)  
4 mounting holes D 4 mm (0.157")

### Environmental

Max. Operating Humidity  
Operating Temperature  
Storage Temperature  
Shelf life  
Max. temp. on housing

95% non-condensing  
50°C (122°F) max  
60°C (140°F) max  
12 months from date of purchase  
+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



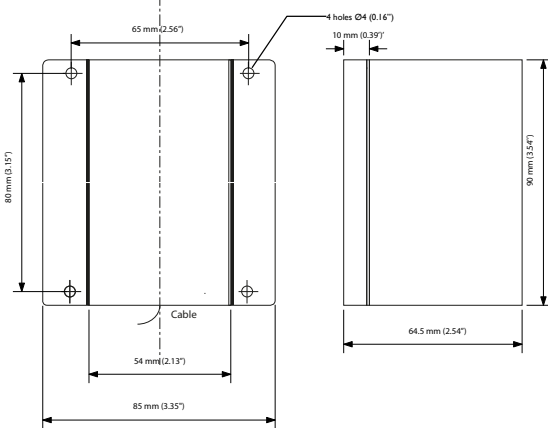
CLASS 0: NO RISK (CIE S2009:2002/NF EN 62471)

**RoHS** directive compliant

Each PHLOX Backlight is provided with:

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

July 19, 2017



**LLUB Backlights by PHLOX®** offer the **best life cycle** and the **best uniformity on the market.**

**PHLOX®** is the only manufacturer to provide 3D uniformity and radiance datas on the quality control seal positioned at the back of every backlight.

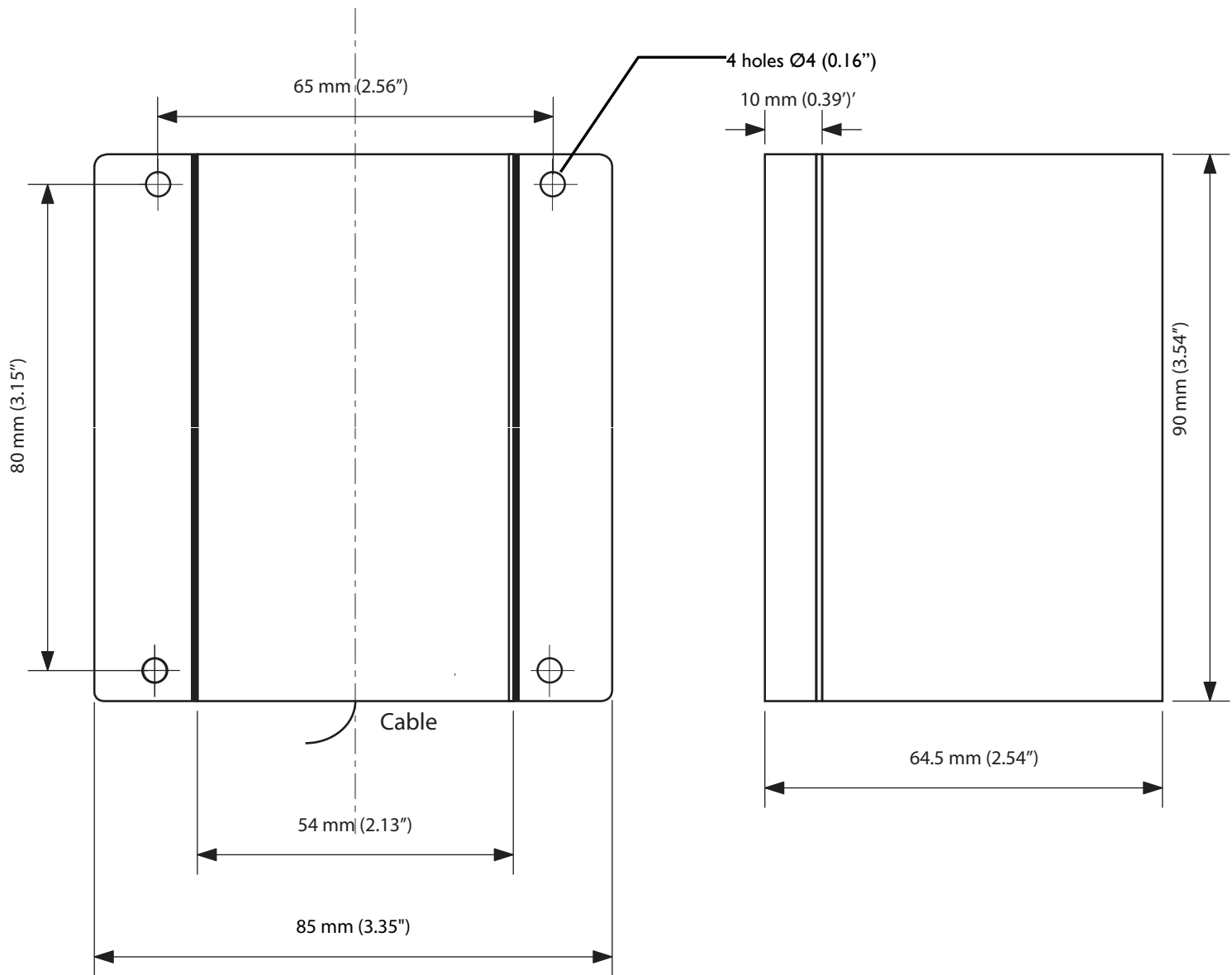
### DESIGNED

#### FOR YOUR APPLICATION

Bottle inspection (glass and plastic)  
Particle measurement  
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-LEDIR-OA-50X50-LLUB-Q-1R-24V

TEL: 04 42 90 76 20  
 FAX: 04 42 90 76 21

