

**NEW!**

## High Uniformity Infrared led On-Axis 50x50


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



### Illumination

Radiance minimum	<b>≥4 W/m<sup>2</sup>.sr continuous mode</b>
Uniformity minimum	<b>≥80% (+/- 10%)</b>
Source Type	Infrared LED
Wavelength	850 nm (+/- 15)
Expected Life	<b>&gt; 100 000 hours</b>

### Electrical

Input Voltage	24 VDC (continuous mode)
Input Current	≤140 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: 0,56 A / Pulse Width: 10ms / Duty Ratio: 1/10

### Outer unit

L x W x H	90 x 85 x 64.5 mm (3.54 x 3.35 x 2.54")
Housing Material	Black Anodized Aluminium
Weight	220 g (7.76 oz)
Mounting	4 mounting holes D 4 mm (0.157")

### Environmental

Max. Operating Humidity	95% non-condensing	 <p>area of temperature measurement 30mm all along the edges of the back of the black anodized aluminium housing (see image)</p>
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)	

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

### Accessories

**Power supply:** 110V and 220V  
Product key: OMRON-LED-PS-108x100x40-24V

### « Strobe » Control Module

GARDASOFT RT Series Led Lighting Controllers  
You can find the nearest distributor on  
<http://www.gardasoft.com/distributors.php?id=2>

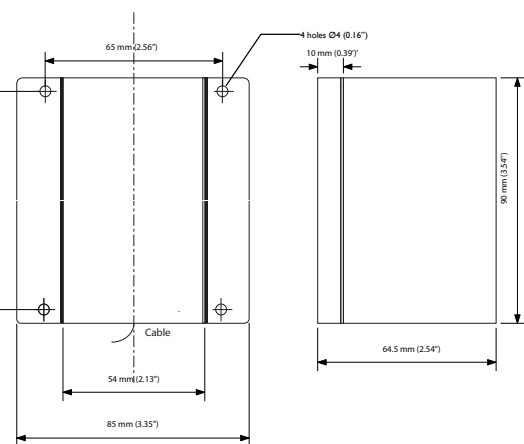
CLASS 0: NO RISK (CIE S2009:2002/NF EN 62471)

**RoHS** directive compliant

Each PHLOX Backlight is provided with:

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

July 21 2015



**LLUB Backlights by PHLOX®** offer the **best life cycle** and the **best uniformity on the market**, all in an ultra compact and IP-65 body.

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

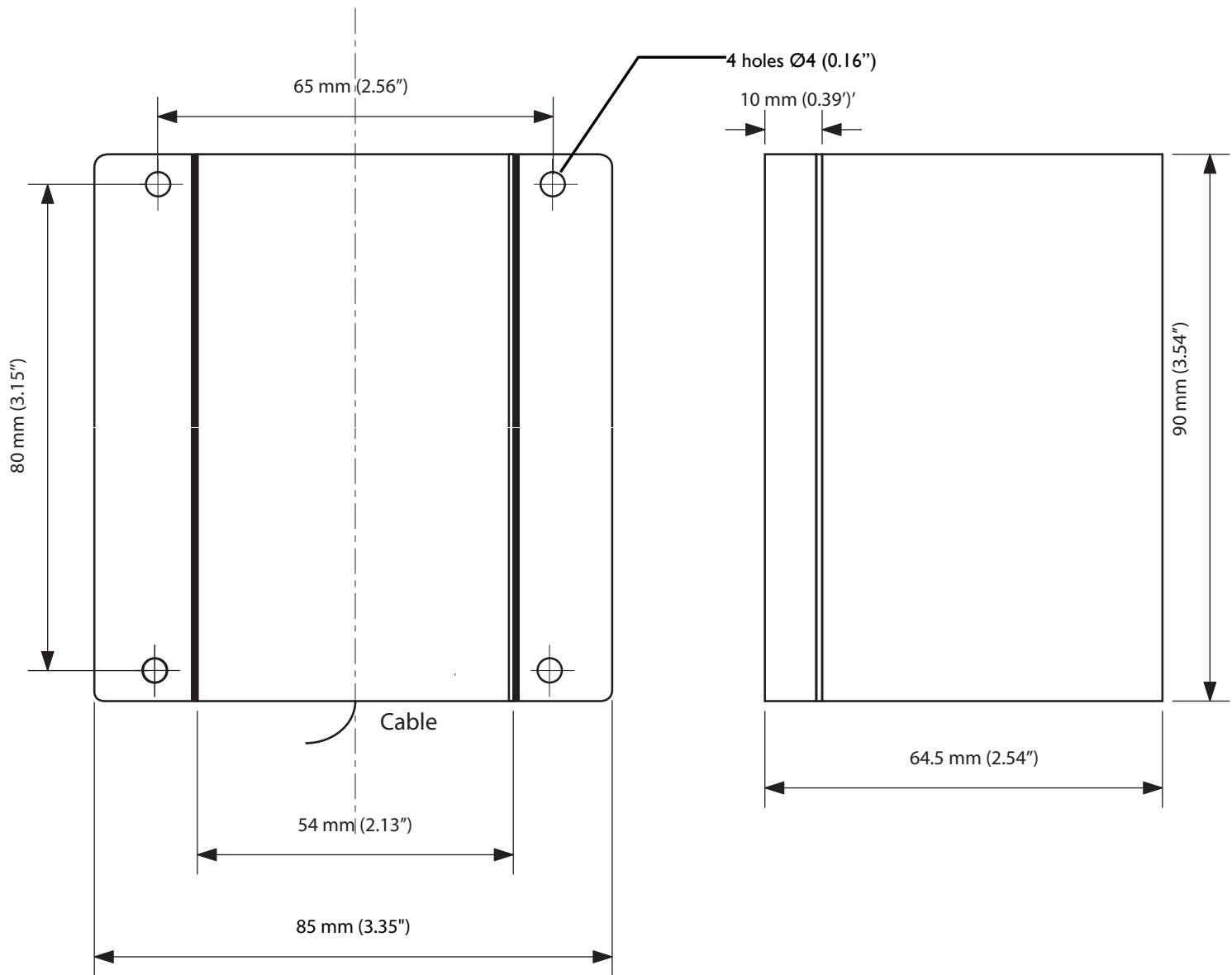
### DESIGNED

#### 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

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