

## High Uniformity White led On-Axis 100x100

PHLOX - LEDW - OA - 100x100 - SLLUB - Q - 1R - 24V-V2

### Illumination

Luminance minimum  
Uniformity minimum  
Source Type  
Colour Temperature  
Expected Life


≥9 000 cd/m<sup>2</sup> continuous mode  
≥80% (+/- 10%)  
White LED  
5700°K (+/-500)  
> 50 000 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)  
≤900 mA (continuous mode)  
2 M - Ø 2.7 mm (6.56 ft - Ø 0.10")  
None  
  
Yes  
Max. Cur: 2.15A / Pulse Width: 10ms / Duty Ratio: 1/10

### Outer unit

L x W x H  
Housing Material  
Weight  
Mounting

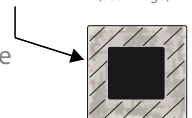
134 x 114.5 x 140 mm (5.27 x 4.5 x 5.51")  
Black Anodized Aluminium  
456 g (16.08 oz)  
4 mounting holes D 4 mm (0.157")

### 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 and luminance
- Seal of quality on the back

May 10, 2022

The white led On-Axis by PHLOX® offer the best uniformity on the market.

PHLOX® is the only manufacturer to provide a 3D uniformity and luminance certificate with every backlight. This data is also available on the quality control seal positioned at the back of every backlight.

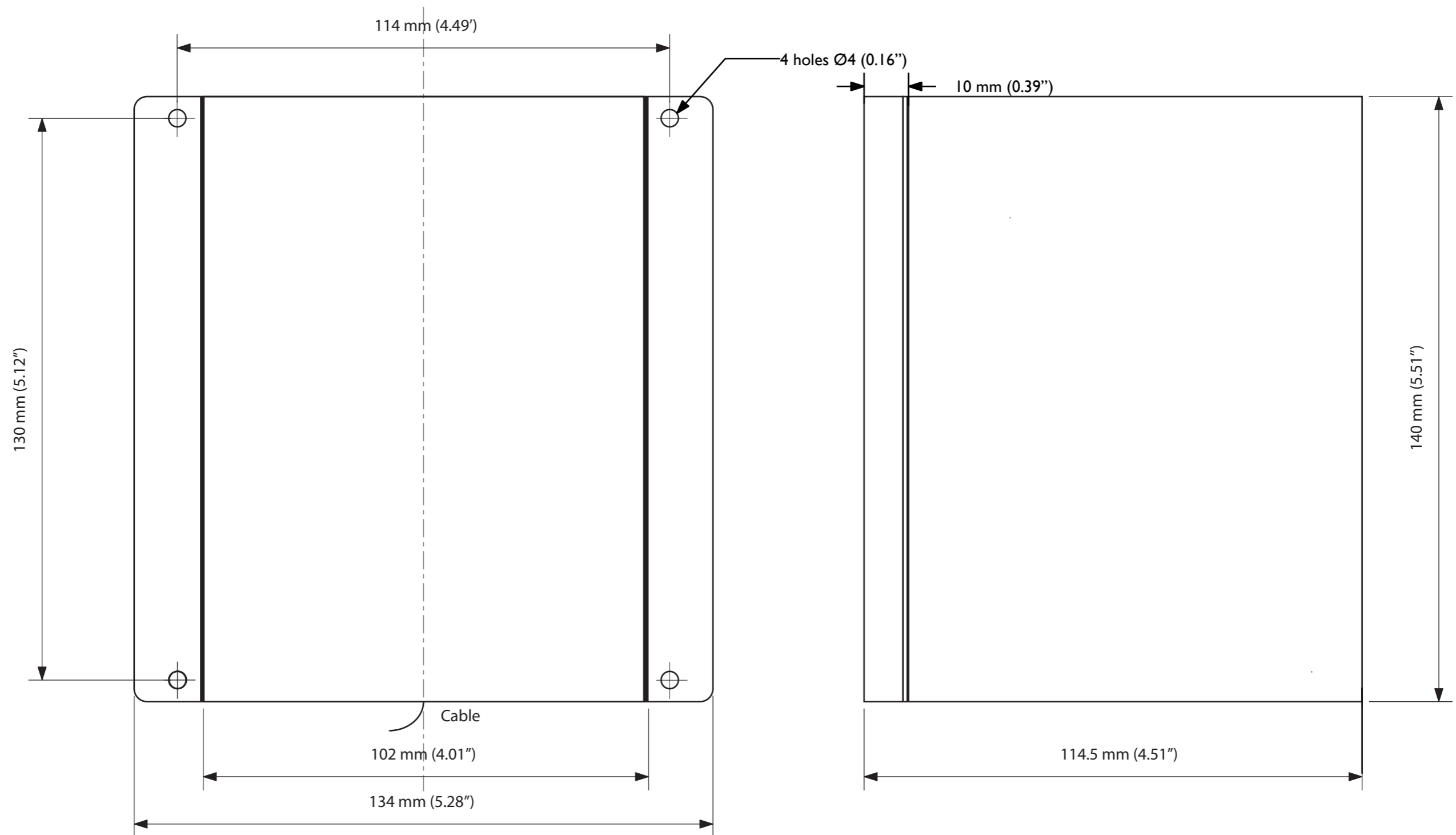
### DESIGNED

#### 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-OA-100X100-SLLUB-Q-1R-24V-V2

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

