

Manufacturer	Source colour	Light Output Area/Length	Injection process	Input voltage
PHLOX	LEDRGB	BL - 200x200	LLUB	Q - 1R - 24V
Source type	Product type	Range	Number of light sources/rows per cicu	

PHLOX® EXCLUSIVE LIGHT PROCESS  
WORLDWIDE PATENT ISSUED

## NEW GENERATION!

- Higher luminance
- Lower consumption
- Longer life cycle

# High Bright RGB led Backlight 200x200

0000093 : PHLOX - LEDRGB - BL - 200x200 - LLUB - Q - 1R - 24V

### Illumination

Luminance minimum  
Uniformity minimum

Source Type  
Colour Temperature  
Light Angular Distribution  
Expected Life

**R: 3000; G: 6000; B: 700; W: 11000 cd/m<sup>2</sup> continuous mode  
≥95% (+/- 10%)**

RGB LED  
Red: 630; Green: 520; Blue: 460 nm ; White: 6000°K (+/-1000)  
30° 1/2 angle  
**20 000 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)  
Red: 350; Green: 400; Blue: 140; W: 830 mA (continuous mode)  
2 M ( PTFE color)  
None  
White: 24VDC; Red, Green, Blue: ground  
Yes  
Max. Cur: Red: 1.16; Green: 1.6; Blue: 0.56; White: 2.92A  
Pulse Width: 10ms / Duty Ratio: 1/10

### Outer unit

L x W x H  
Housing Material  
Weight  
Mounting

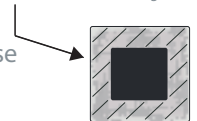
240 x 234 x 8.5 mm (9.45 x 9.21 x 0.334")  
Black Anodized Aluminium  
750 g (26.45 oz)  
4 bore holes (D7,2mm for the first 3.5 mm of height, D4 for the other 5 mm)

### 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

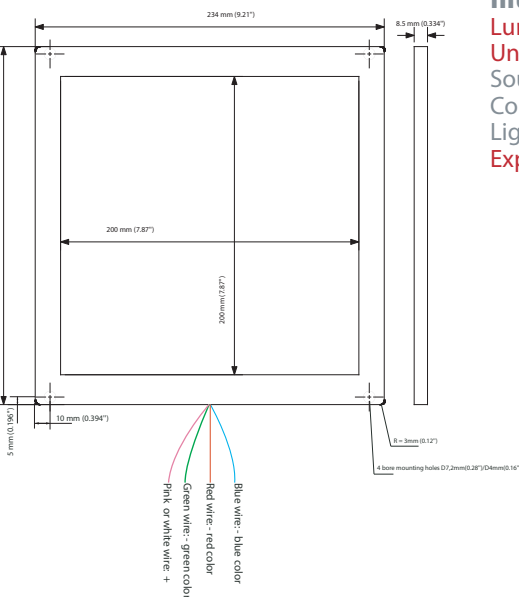
**Power supply:** 110V and 220V  
Product key: ALIM-24V-2.5A60WEU or ALIM--24V-2;5A60WUS

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

January 15th, 2025



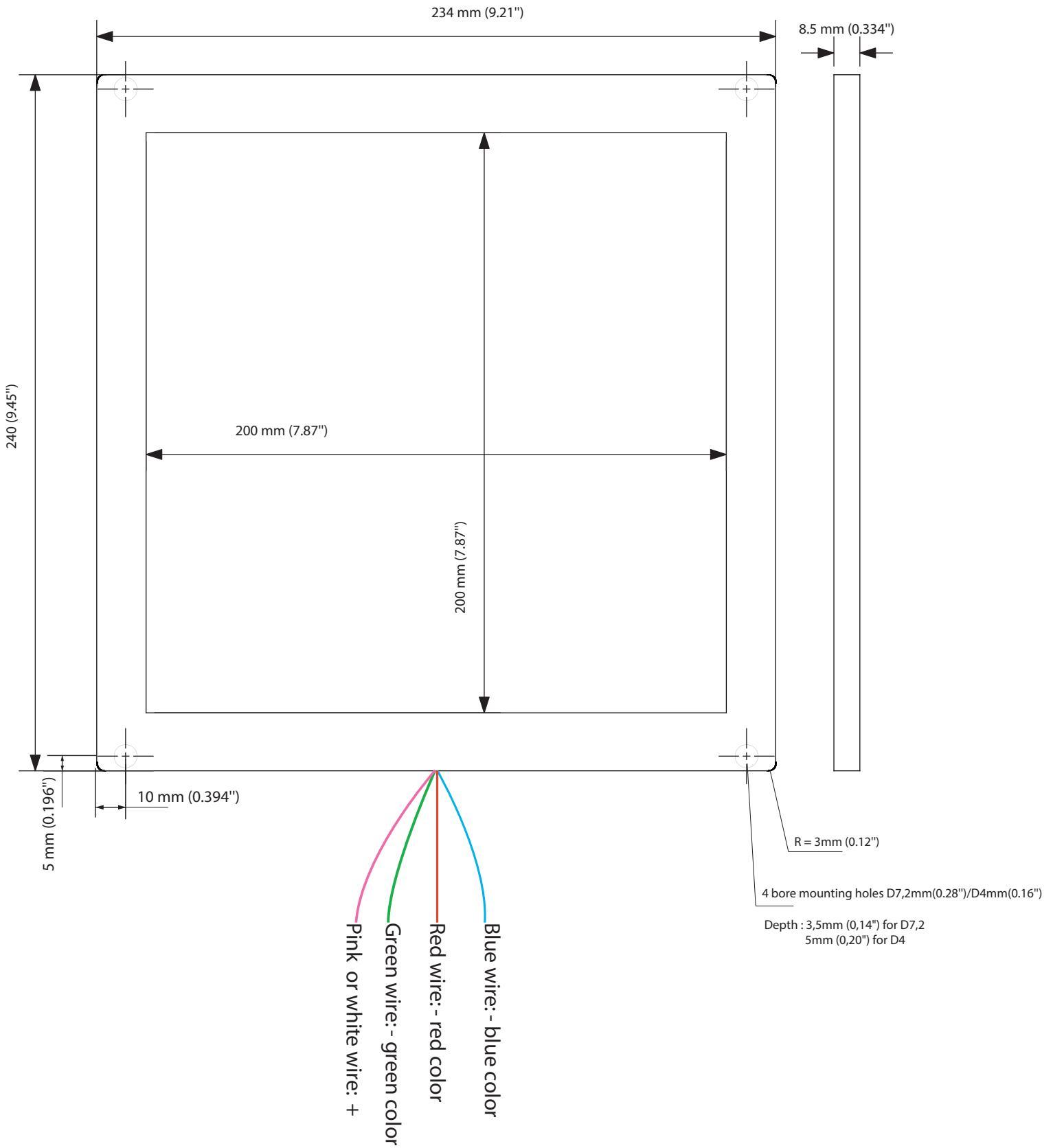
High Bright RGB led Backlights by PHLOX® offer the **best life cycle, the best chromaticity stability and the best luminance on the market**, all in an ultra compact and **IP-43 body\***. PHLOX® is the only manufacturer to provide uniformity and luminance datas on the quality control seal positioned at the back of every backlight. \*IP65 in option.

## 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

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