

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

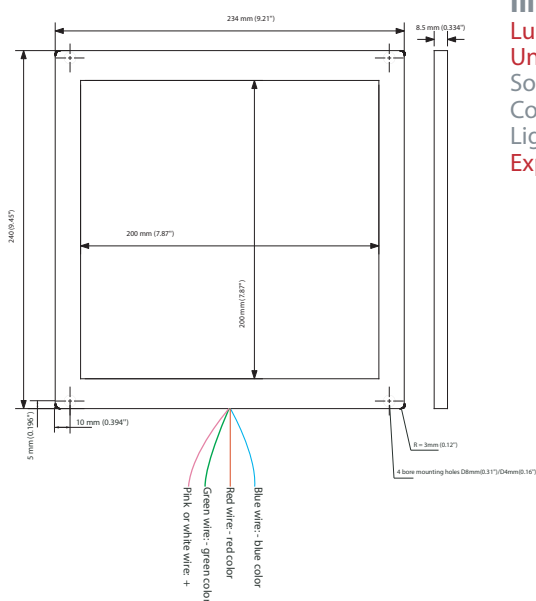
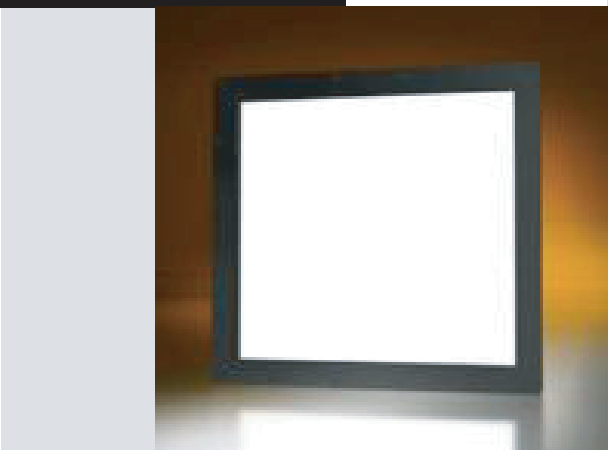
PHLOX® EXCLUSIVE LIGHT PROCESS  
WORLDWIDE PATENT ISSUED

## NEW GENERATION!

- Higher luminance
- Lower consumption
- Longer life cycle

# High Bright RGB led Backlight 200x200

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 (D8 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

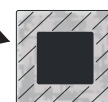
50°C (122°F) max

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

**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

October 20, 2021

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 data 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

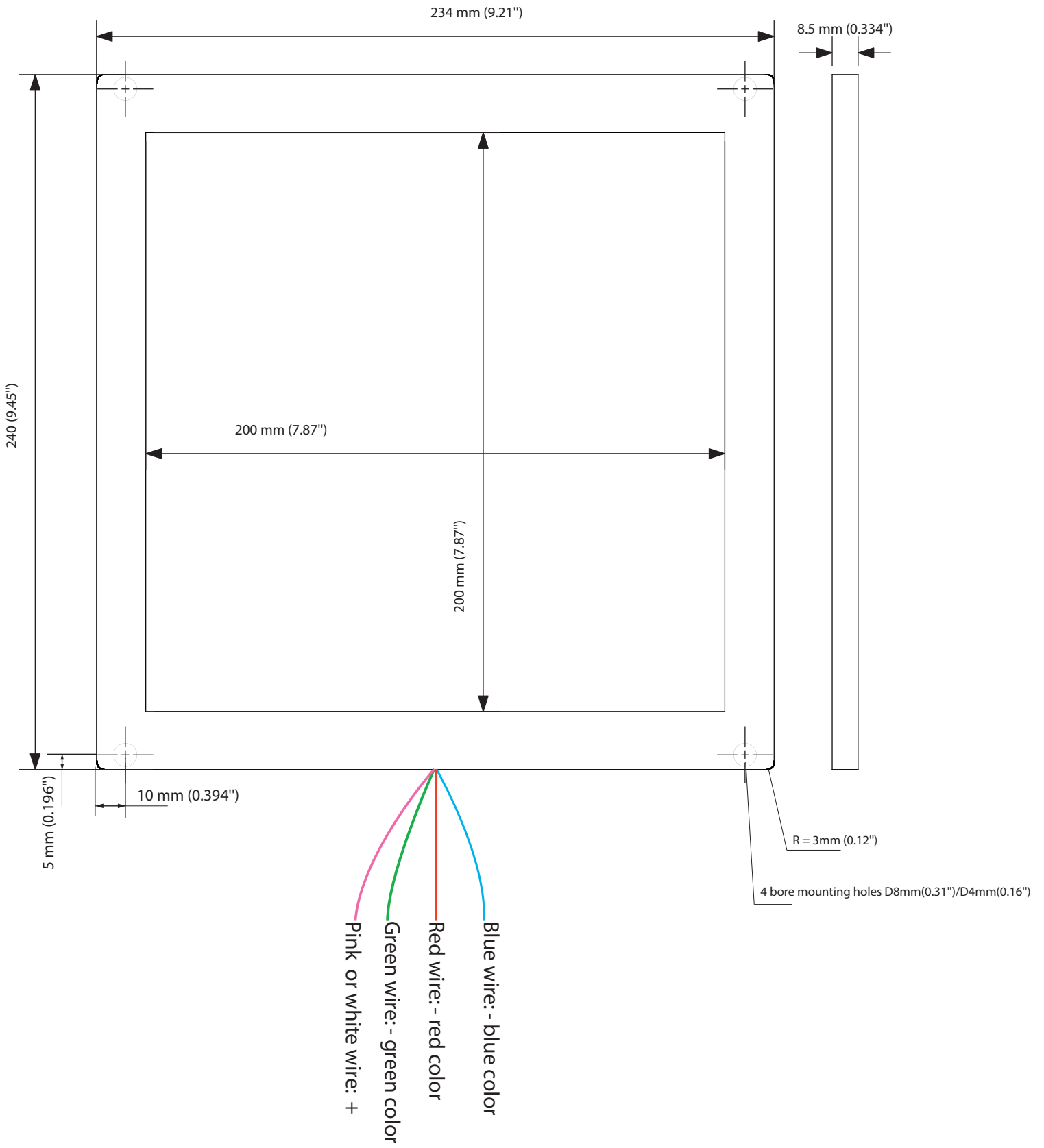
Pharmaceutical/Cosmetics

Automotive

Agribusiness

Electronics

Aeronautics and space.



PROPRIÉTÉ DE PHLOX SA- REPRODUCTION INTERDITE SAUF ACCORD ÉCRIT

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