

NEW GENERATION!

- Higher luminance
- Lower consumption
- Longer life cycle

High Bright RGB led Backlight 200x200

PHLOX - LEDRGB - BL - 200x200 - S - Q - 1R - 24V

Illumination

Luminance minimum
Uniformity minimum
Source Type
Colour Temperature
Light Angular Distribution
Expected Life

R: 2000; G: 4000; B: 300; W:6300 cd/m² continuous mode
≥95% (+/- 10%)
 RGB LED
 Red: 630; Green: 520; Blue:460 nm
 30° 1/2 angle
50 000 hours

Electrical

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

24 VDC (continuous mode)
 Red: 290; Green: 400; Blue:140; W:730 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 5.5 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: OMRON-LED-PS-108x100x40-24V

« Strobe » Control Module

GARDASOFT PP420 or PP820 Series Led Lighting Controllers
 You can find the nearest distributor on
<http://www.gardasoft.com/LED-Controllers/RT-PP/>

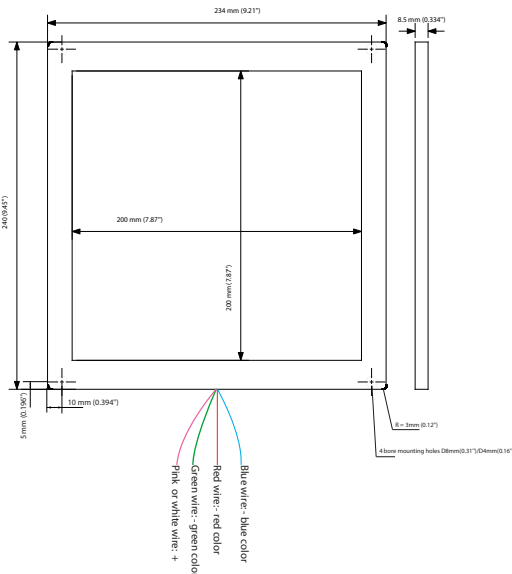
CLASS 0: NO RISK (CIE S2009:2002/NF EN 62471)

RoHS directive compliant

Each PHLOX Backlight is provided with:

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

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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-65 body. PHLOX® is the only manufacturer to provide uniformity and luminance datas 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.