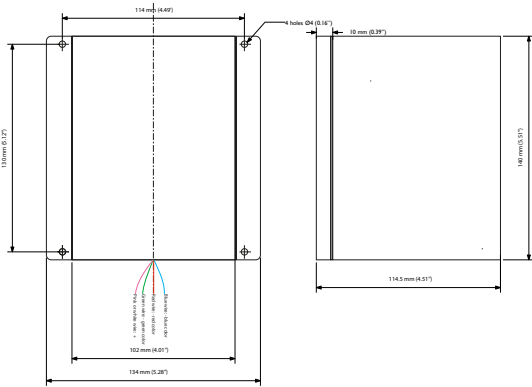


High Uniformity RGB led On-Axis 100x100

00000374 : PHLOX - LEDRGB - OA - 100x100 - LLUB - Q - 1R - 24V



Illumination

Luminance minimum
Uniformity minimum
Source Type
Wavelength
Expected Life

R: 290; G: 700; B: 70; W: 1100 cd/m² continuous mode
≥80% (+/- 10%)
 RGB LED
 Red: 630; Green: 520; Blue: 460 nm
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)
 Red: 210; Green: 300; Blue: 100; W: 450 mA (continuous mode)
 2 M (PTFE color)
 None
 White: 24VDC; Red, Green, Blue: ground
 Yes
 Max. Cur: Red: 1; Green: 0.7; Blue: 0.7; White: 2 A
 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")

The RGB 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

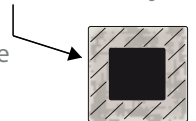
Glassmaking
 Pharmaceutical/Cosmetics
 Automotive
 Agribusiness
 Electronics
 Aeronautics and space.

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

December 4th, 2024

