

940nm


LLUB (Long life Ultra Bright) Infrared led Backlight 200x200

PHLOX - LEDIR - BL - 200x200 - LLUB - Q - 1R - 24V - 940

Illumination

| | |
|----------------------------|------------------------------------|
| Radiance minimum | ≥3 W/m ² .sr continuous |
| Uniformity minimum | ≥95% (+/- 10%) |
| Source Type | Infrared LED |
| Wavelength | 940 nm (+/- 15) |
| Light Angular Distribution | 30° 1/2 angle |
| Expected Life | > 100 000 hours |

Electrical

| | |
|---------------|--|
| Input Voltage | 24 VDC (continuous mode) |
| Input Current | ≤450 mA (continuous mode) |
| Cable length | 2 M - Ø 2.7 mm (6.56 ft - Ø 0.10") |
| Connector | None |
| Cable pinout |  |
| CE Conformity | Yes |
| Strobe mode | Max. Cur: 1.8 A / Pulse Width: 10ms / Duty Ratio: 1/10 |

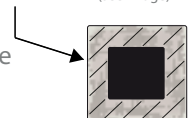
Outer unit

| | |
|------------------|---|
| L x W x H | 240 x 234 x 8.5 mm (9.45 x 9.21 x 0.334") |
| Housing Material | Black Anodized Aluminium |
| Weight | 640 g (22.54 oz) |
| Mounting | 4 bore holes (D8 for the first 3.5 mm of height, D4 for the other 5.5 mm) |

Environmental

| | |
|-------------------------|---------------------------------|
| Max. Operating Humidity | 95% non-condensing |
| Operating Temperature | 50°C (122°F) max |
| Storage Temperature | 60°C (140°F) max |
| Shelf life | 12 months from date of purchase |
| Max.temp.on housing | +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



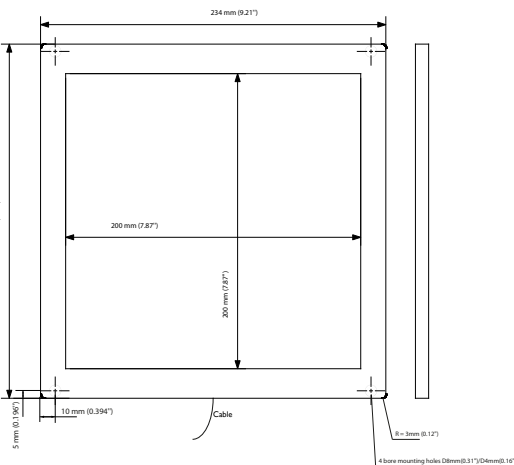
CLASS 0: NO RISK (CIE S2009:2002/NF EN 62471)

RoHS directive compliant

Each PHLOX Backlight is provided with:

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

July 24, 2018



LLUB Backlights by PHLOX® offer the **best life cycle** and the **best uniformity on the market**, all in an ultra compact and IP-65 body.

PHLOX® is the only manufacturer to provide uniformity and radiance datas on the quality control seal positioned at the back of every backlight.

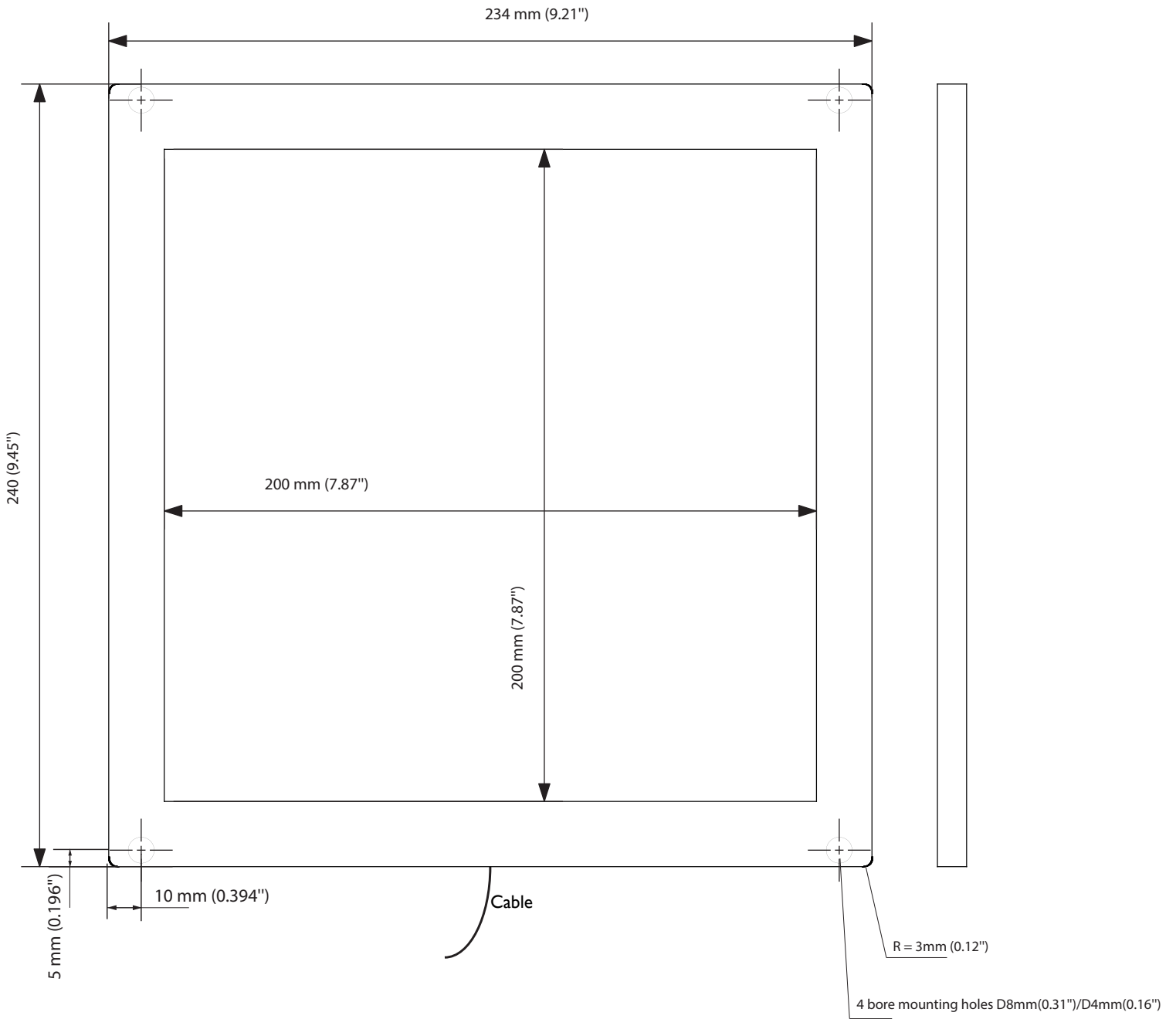
DESIGNED

FOR YOUR APPLICATION

- Bottle inspection (glass and plastic)
- Particle measurement
- 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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