

NEW!

LLUB (Long life Ultra Bright) Infrared led Backlight 50x50

PHLOX - LEDIR - BL - 50x50 - LLUB - Q - 1R - 24V

Illumination

| | |
|----------------------------|--|
| Radiance minimum | ≥37 W/m ² .sr continuous mode |
| Uniformity minimum | ≥95% (+/- 10%) |
| Source Type | Infrared LED |
| Wavelength | 850 nm (+/- 15) |
| Light Angular Distribution | 30° 1/2 angle |
| Expected Life | > 100 000 hours |

Electrical

| | |
|---------------|---|
| Input Voltage | 24 VDC (continuous mode) |
| Input Current | ≤140 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: 0.56 A / Pulse Width: 10ms / Duty Ratio: 1/10 |

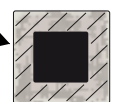
Outer unit

| | |
|------------------|---|
| L x W x H | 90 x 85 x 8.5 mm (3.54 x 3.35 x 0.334") |
| Housing Material | Black Anodized Aluminium |
| Weight | 120 g (4.2 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

Power supply: 110V and 220V
Product key: OMRON-LED-PS-108x100x40-24V

« Strobe » Control Module

GARDASOFT RT Series Led Lighting Controllers
You can find the nearest distributor on
<http://www.gardasoft.com/distributors.php?id=2>

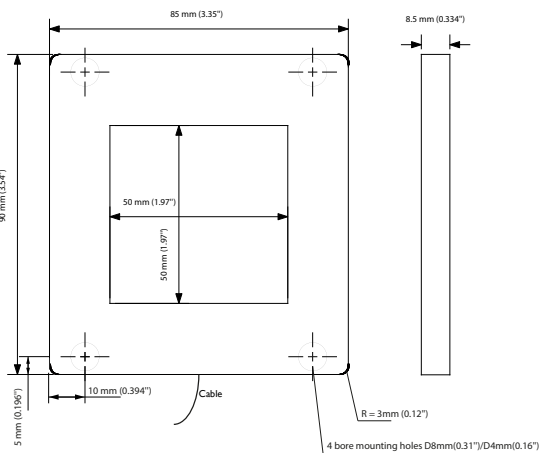
CLASS 0: NO RISK (CIE S2009:2002/NF EN 62471)

RoHS directive compliant

Each PHLOX Backlight is provided with:

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

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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.