

| | | | | |
|--------------|---------------|--------------------------|--|---------------|
| Manufacturer | Source colour | Light Output Area/Length | Injection process | Input voltage |
| PHLOX | LEDR | BL - 150x40 | LLUB | Q - 1R - 24V |
| Source type | Product type | Range | Number of light sources' rows per cicu | |

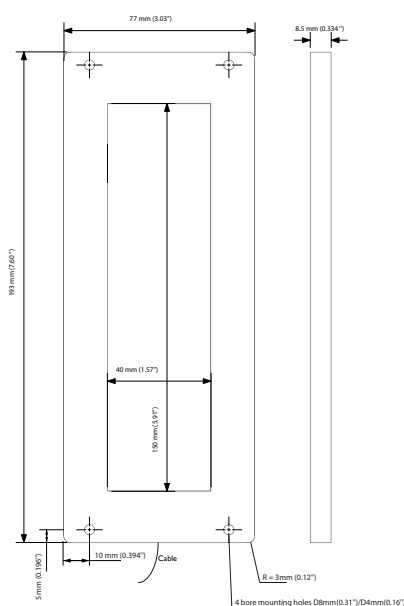
PHLOX® EXCLUSIVE LIGHT PROCESS
WORLDWIDE PATENT ISSUED

NEW!

LLUB (Long life Ultra Bright) Red led Backlight 150x40

LESS THAN 20% LUMINANCE LOSS AFTER 100 000 HOURS (*)


PHLOX - LEDR - BL - 150x40 - LLUB - Q - 1R - 24V



Illumination

| | |
|----------------------------|---|
| Luminance minimum | ≥19 000 cd/m ² continuous mode |
| Uniformity minimum | ≥95% (+/- 10%) |
| Source Type | Red LED |
| Wavelength | 625 nm(+/- 15) |
| Light Angular Distribution | 30° 1/2 angle |
| Expected Life | > 100 000 hours |

Electrical

| | |
|---------------|--|
| Input Voltage | 24 VDC (continuous mode) |
| Input Current | ≤320 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: 1.28A / Pulse Width: 10ms / Duty Ratio: 1/10 |

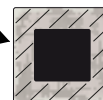
Outer unit

| | |
|------------------|---|
| L x W x H | 193 x 77 x 8.5 mm (7.6 x 3.03 x 0.334") |
| Housing Material | Black Anodized Aluminium |
| Weight | 240 g (8.47 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 and luminance
- Seal of quality on the back

July 19, 2017

LLUB Backlights by PHLOX® offer the **best life cycle**, 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.

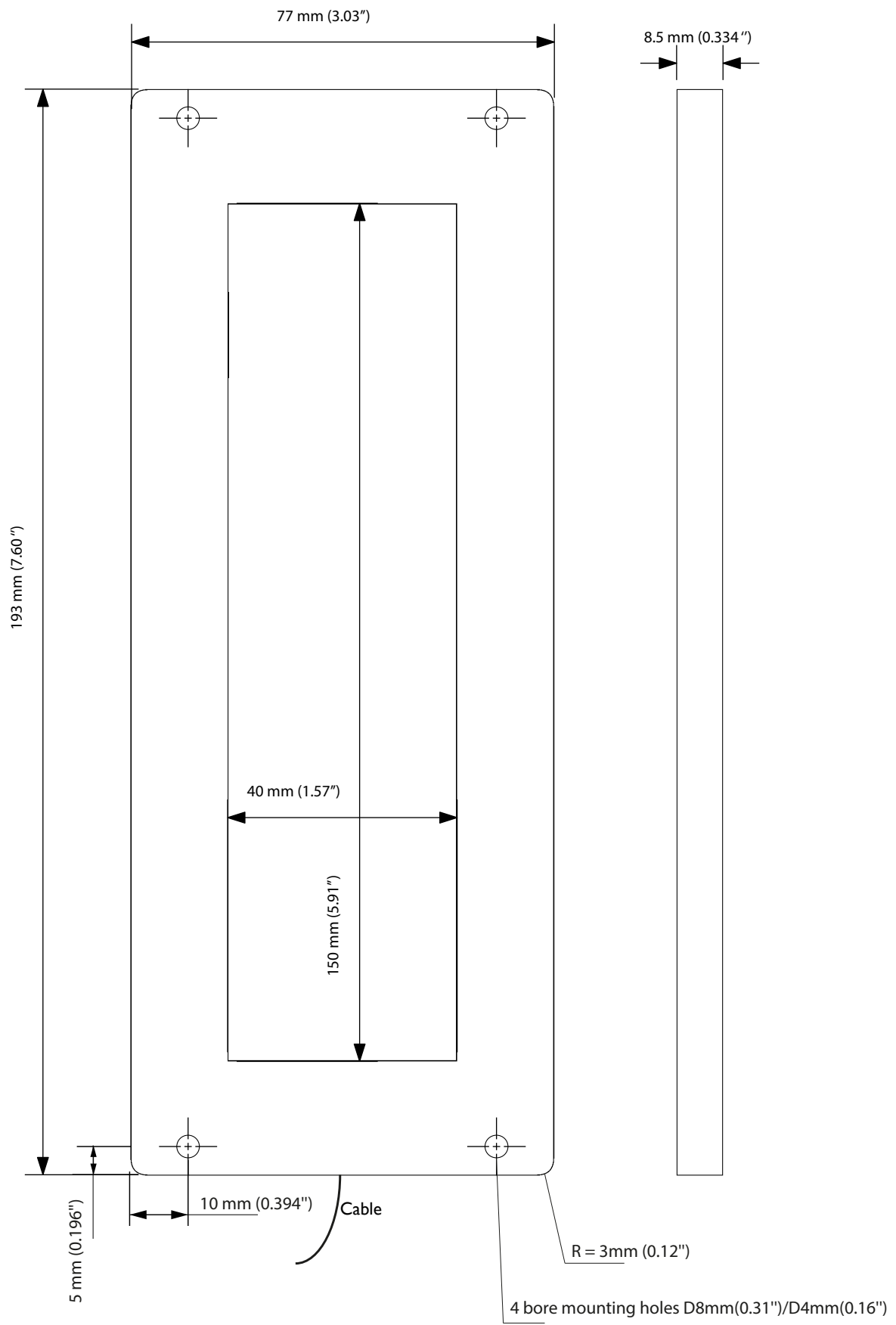
DESIGNED


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.



| | |
|---|---|
| PROPRIÉTÉ DE PHLOX SA- REPRODUCTION INTERDITE SAUF ACCORD ÉCRIT | |
| PHLOX-LEDR-BL-150X40-LLUB-Q-1R-24V | |
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