

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

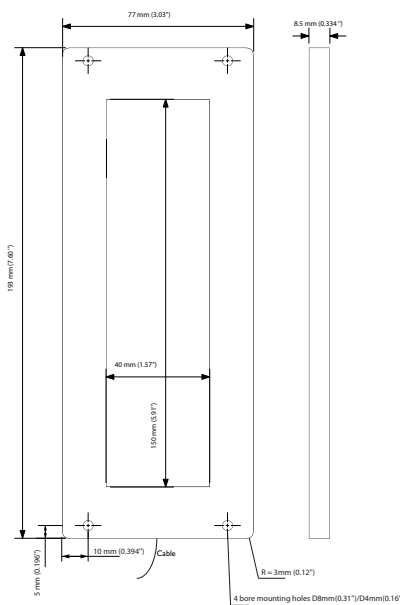
PHLOX® EXCLUSIVE LIGHT PROCESS  
WORLDWIDE PATENT ISSUED

**NEW!**

# SLLUB (Super Long life Ultra Bright) White led Backlight 150x40

LESS THAN 20% LUMINANCE LOSS AFTER 100 000 HOURS (\*)  
LESS THAN 10% CHROMATICITY SHIFT AFTER 100 000 HOURS (\*)

PHLOX - LEDW - BL - 150x40 - SLLUB - Q - 1R - 24V




## Illumination

|                            |   |
|----------------------------|---|
| Luminance minimum          | <b>≥63 000 cd/m<sup>2</sup> continuous mode</b> |
| Uniformity minimum         | <b>≥95% (+/- 10%)</b>                           |
| Source Type                | White LED                                       |
| Colour Temperature         | 5700°K (+/-500)                                 |
| Light Angular Distribution | 30° 1/2 angle                                   |
| Expected Life              | <b>&gt; 100 000 hours</b>                       |

Scan for DS  
and 3D Files !



## Electrical

|               |  |
|---------------|--|
| Input Voltage | 24 VDC (continuous mode)   |
| Input Current | ≤500 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   | Available in option  |

## Outer unit

|                  |   |
|------------------|---|
| L x W x H        | 193 x 77 x 8.5 mm (3.54 x 3.35 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 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

Nov 03, 2021

SLLUB 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 unifor-mity and luminance datas on the quality control seal positioned at the back of every backlight.

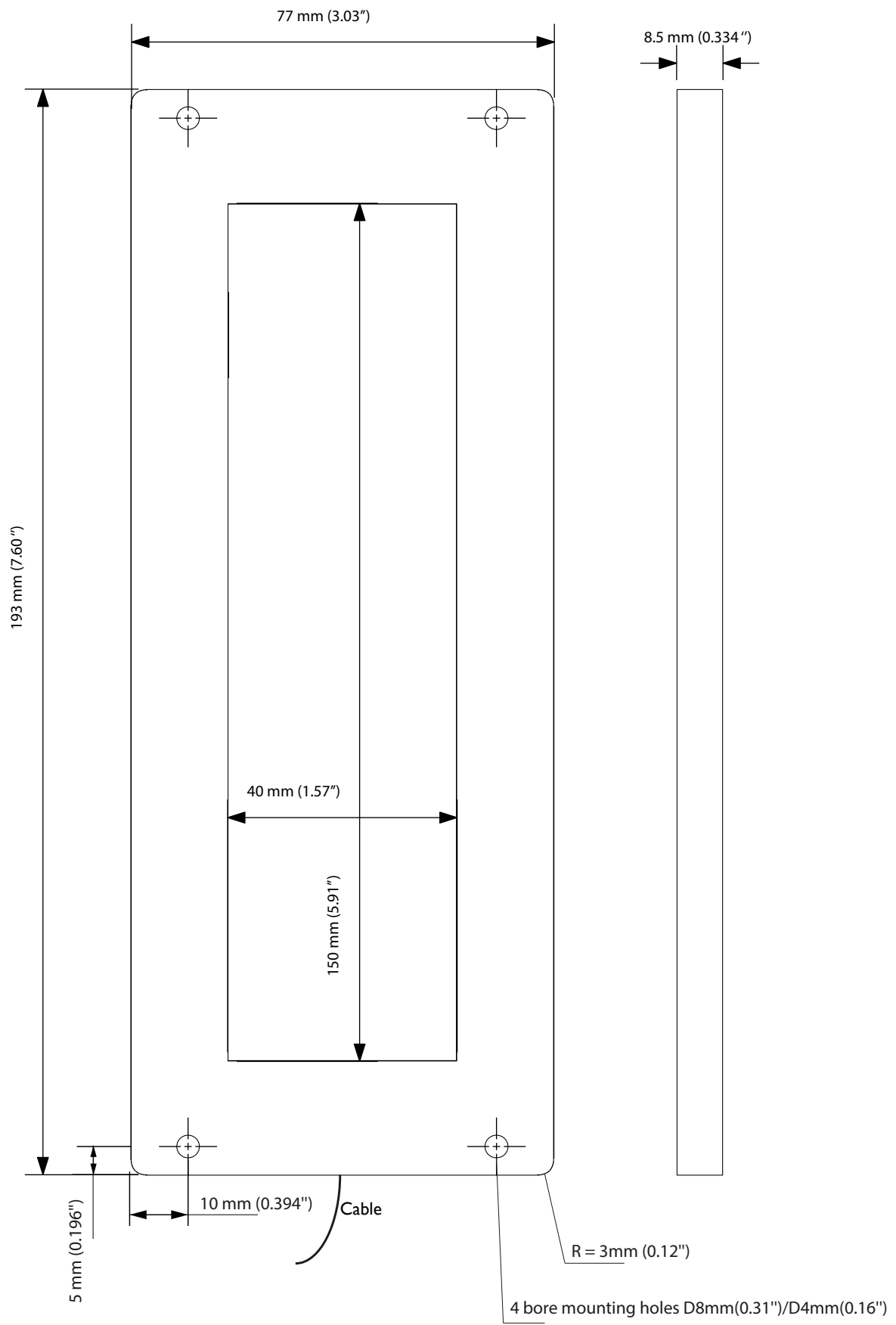
## DESIGNED


### 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-LEDW-BL-150X40-SLLUB-Q-1R-24V                             |   |
| TEL: 04 42 90 76 20<br>FAX: 04 42 90 76 21                      |  |