

Manufacturer	Source colour	Light Output Area/Length	Injection process	Input voltage
PHLOX	LEDW	BL 50x50	SLLUB	Q - 1R - 24V-V2
Source type	Product type	Range	Number of light sources' rows per circu	

PHLOX® EXCLUSIVE LIGHT PROCESS  
WORLDWIDE PATENT ISSUED

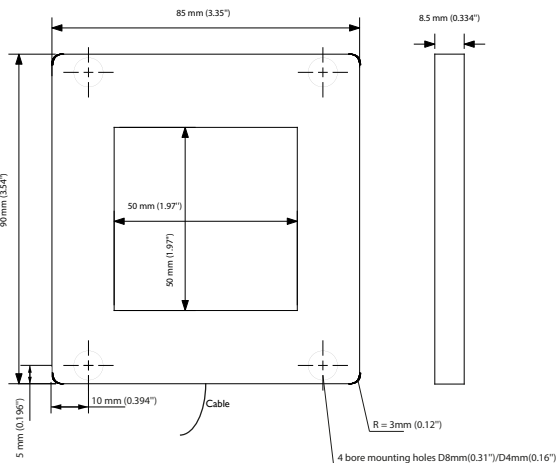
**NEW!**

# SLLUB (Super Long life Ultra Bright) White led Backlight 50x50

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

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

PHLOX - LEDW - BL - 50x50 - SLLUB - Q - 1R - 24V-V2



## Illumination

Luminance minimum  
Uniformity minimum  
Source Type  
Colour Temperature  
Light Angular Distribution  
Expected Life

≥152000 cd/m2 continuous mode

≥95% (+/- 10%)

White LED

5700°K (+/-500)

30° 1/2 angle

> 100 000 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)

≤450 mA (continuous mode)

2 M - Ø 2.7 mm (6.56 ft - Ø 0.10")

None

None

Yes

Max. Cur: 1,2A / Pulse Width: 10ms / Duty Ratio: 1/10

## Outer unit

L x W x H  
Housing Material  
Weight  
Mounting

90 x 85 x 8.5 mm (3.54 x 3.35 x 0.334")

Black Anodized Aluminium

120 g (4.2 oz)

4 bore holes (D8 for the first 3.5 mm of height, D4 for the other 5 mm)

## Environmental

Max. Operating Humidity  
Operating Temperature  
Storage Temperature  
Shelf life  
Max.temp.on housing

95% non-condensing

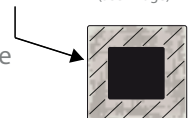
50°C (122°F) max

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

**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

March 25, 2022

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 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

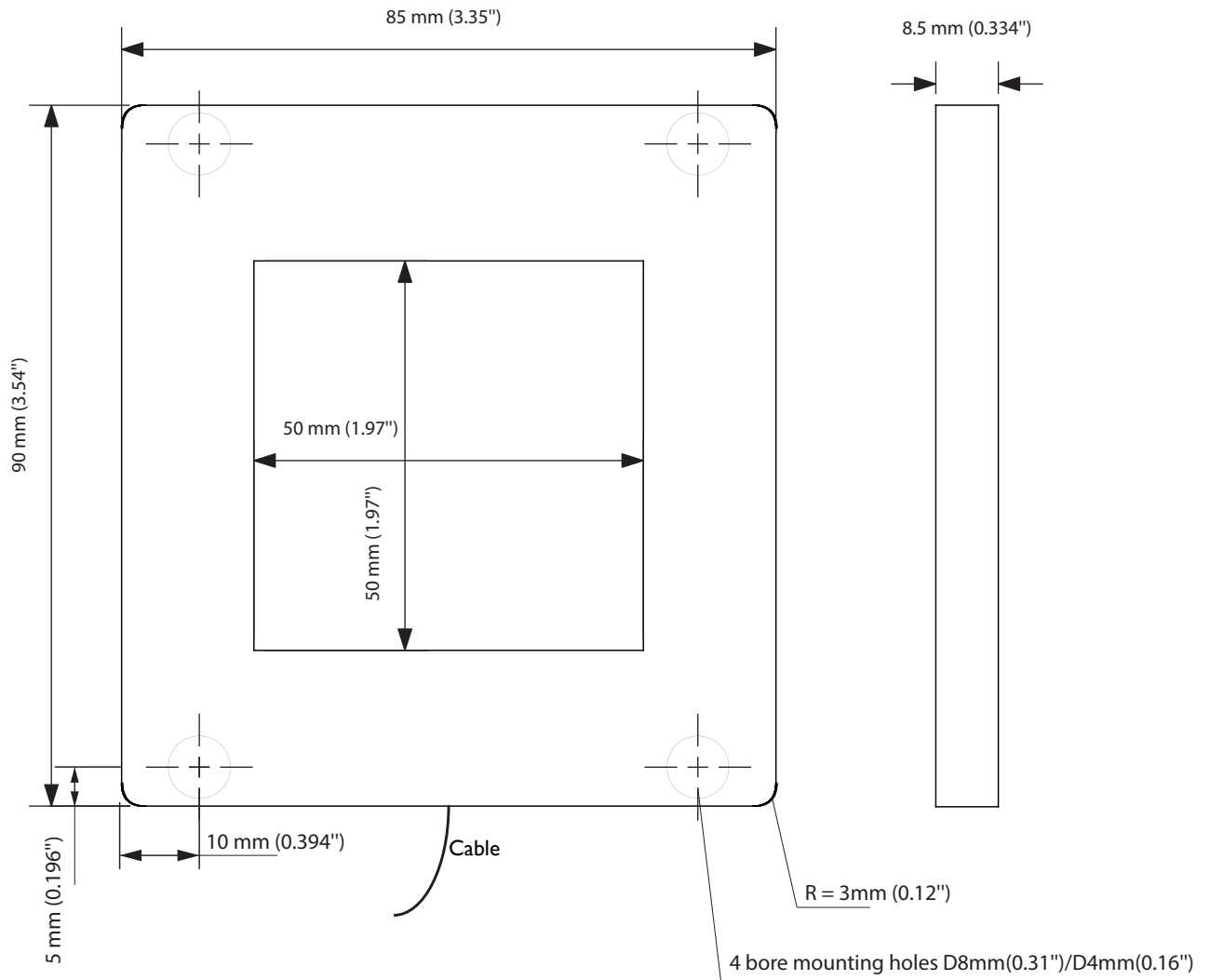
Pharmaceutical/Cosmetics

Automotive

Agribusiness

Electronics

Aeronautics and space.



PROPRIÉTÉ DE PHLOX SA- REPRODUCTION INTERDITE SAUF ACCORD ÉCRIT

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