

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 (\*)

00000339 : PHLOX - LEDW - BL - 50x50 - SLLUB - Q - 1R - 24V-V2

## Illumination

Luminance minimum  
Uniformity minimum

≥152000 cd/m2 continuous mode  
≥95% (+/- 10%)

Source Type  
Colour Temperature  
Light Angular Distribution  
Expected Life

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

Yes

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

## Outer unit

L x W x H  
Housing Material  
Weight  
Mounting

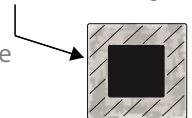
90 x 85 x 8.5 mm (3.54 x 3.35 x 0.334")  
Black Anodized Aluminium  
120 g (4.2 oz)  
4 bore holes (D8 for the first 3.5 mm of height,  
D4 for the other 5 mm)

## 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

September 24th, 2024

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-63 body. PHLOX® is the only manufacturer to provide uniformity and luminance datas on the quality control seal positioned at the back of every backlight.

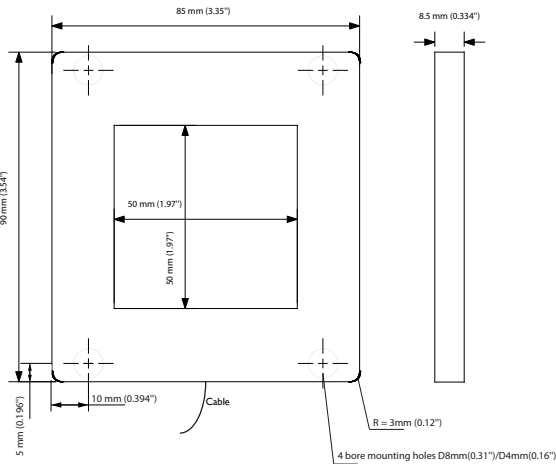
## DESIGNED

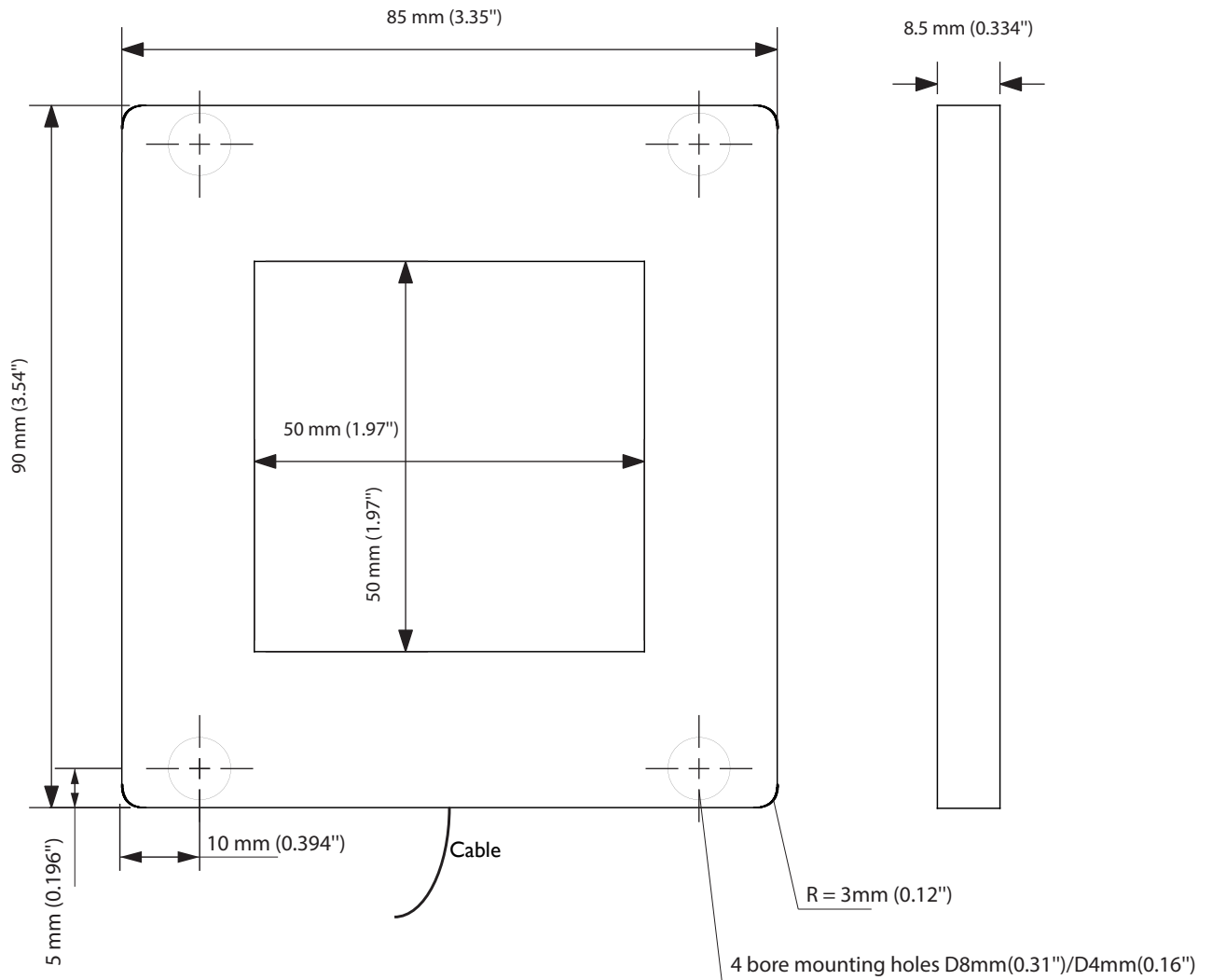
### FOR YOUR APPLICATION

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

00000339 : PHLOX-LEDW-BL-50X50-SLLUB-Q-1R-24V-V2

TEL: 04 42 90 76 20  
FAX: 04 42 90 76 21

