

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

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 (D7,2mm 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

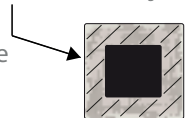
50°C (122°F) max

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

January 15th, 2025

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.

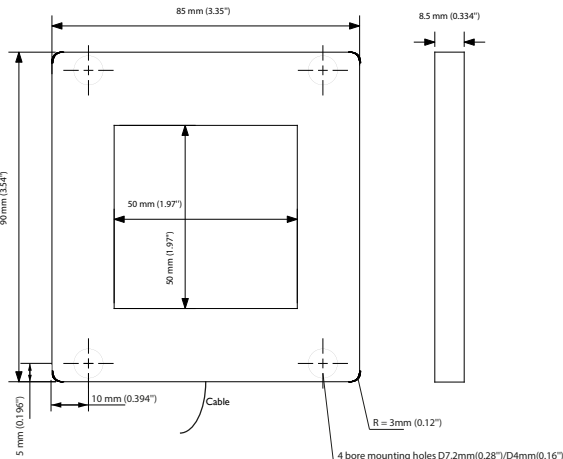
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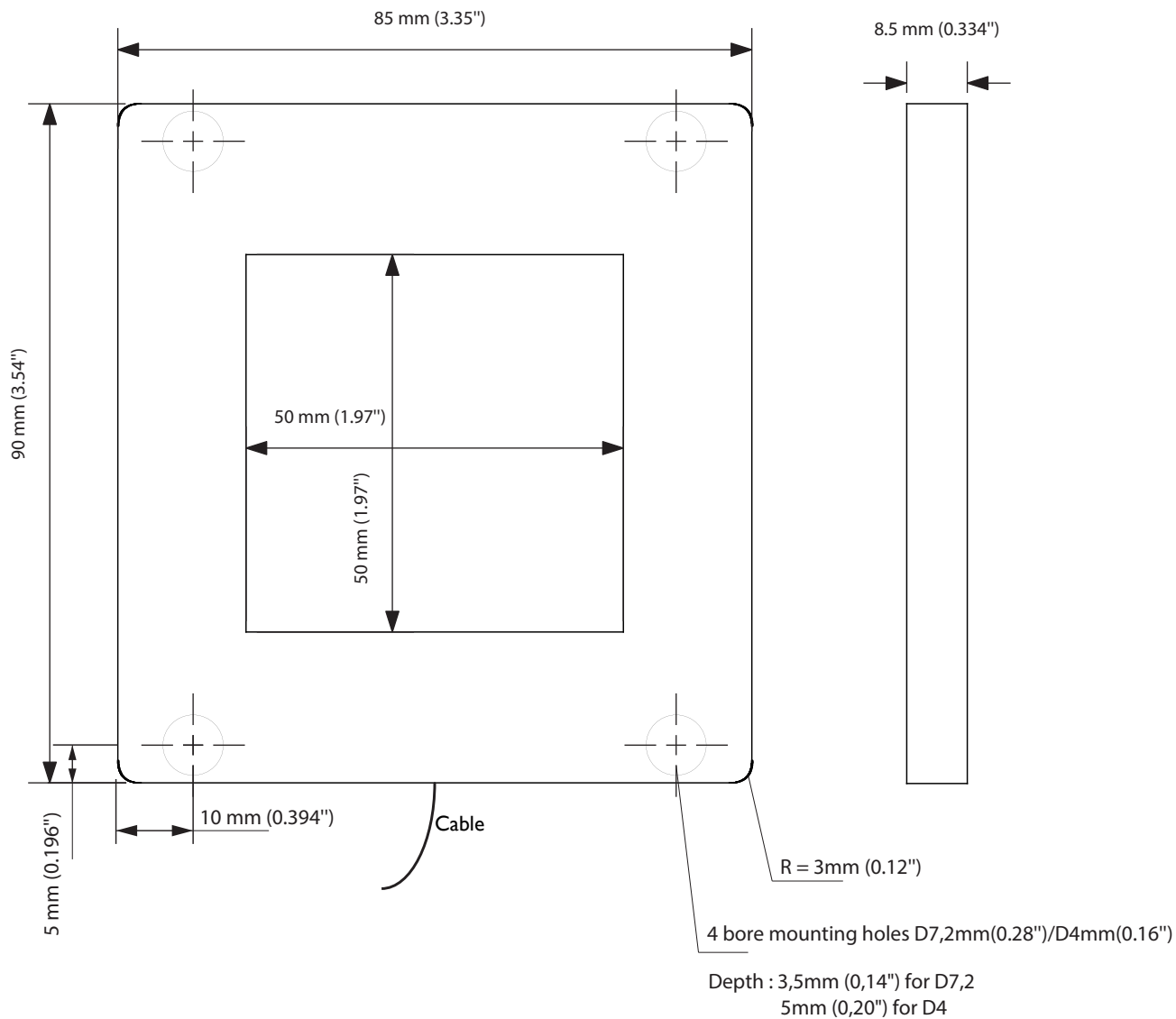
FOR YOUR APPLICATION

- 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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