

Manufacturer	Source colour	Light Output Area/Length	Injection process	Input voltage
PHLOX	LEDR	BL - 100x100	LLUB	Q - 1R - 24V
	Source type	Product type	Range	Number of light sources' rows per circu

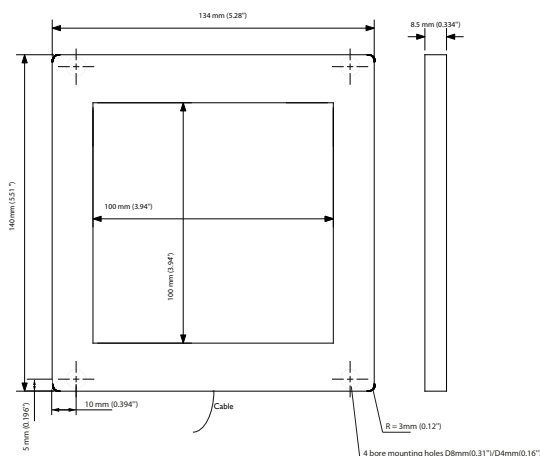
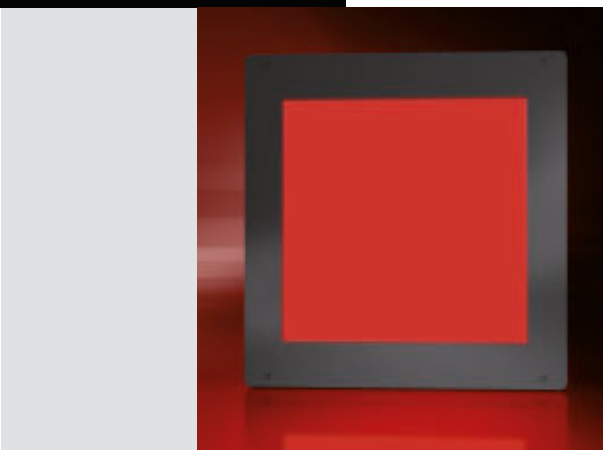
PHLOX® EXCLUSIVE LIGHT PROCESS
WORLDWIDE PATENT ISSUED

NEW!

LLUB (Long life Ultra Bright) Red led Backlight 100x100

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


PHLOX - LEDR - BL - 100x100 - LLUB - Q - 1R - 24V



Illumination

Luminance minimum	≥14 000 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	≤550 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: 1.4A / Pulse Width: 10ms / Duty Ratio: 1/10

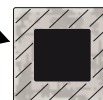
Outer unit

L x W x H	140 x 134 x 8.5 mm (5.51 x 5.28 x 0.334")
Housing Material	Black Anodized Aluminium
Weight	400 g (14.1 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:

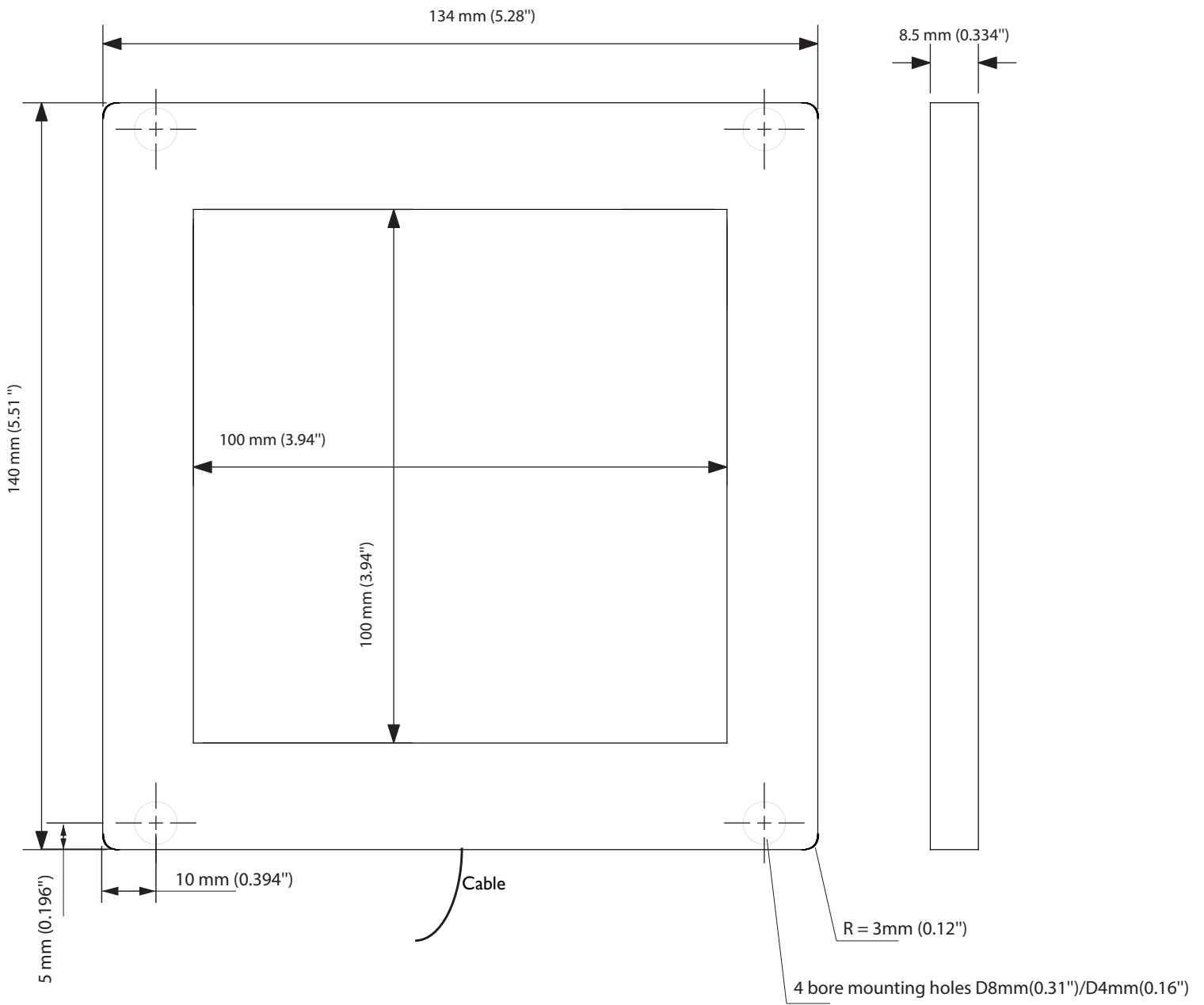
- 24 months warranty
- Certificate of uniformity and luminance
- Seal of quality on the back

Oct. 31, 2018

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

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