

NEW!

SLLUB (Super Long life Ultra Bright) White led Backlight 200x200

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

PHLOX - LEDW - BL - 200x200 - SLLUB - Q - 1R - 24V

Illumination

Luminance minimum

≥67 000 cd/m² continuous mode
(up to 180 000 minimum luminance in strobe mode)

Uniformity minimum

≥95% (+/- 10%)

Source Type

White LED

Colour Temperature

5700°K (+/-500)

Light Angular Distribution

30° 1/2 angle

Expected Life

> 100 000 hours

Scan for DS
and 3D Files !



Electrical

Input Voltage

24 VDC (continuous mode)

Input Current

≤2 A (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: 3.3A / Pulse Width: 10ms / Duty Ratio: 1/10

Outer unit

L x W x H

240 x 234 x 8.5 mm (9.45 x 9.21 x 0.334")

Housing Material

Black Anodized Aluminium

Weight

640 g (22.54 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

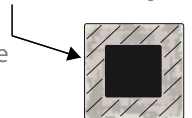
Shelf life

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 Strobe: 28V - 5A (up to 40A in pulse mode)
Pulse width between 2µs and 10ms
Product key: PHLOX STROBE LIGHT



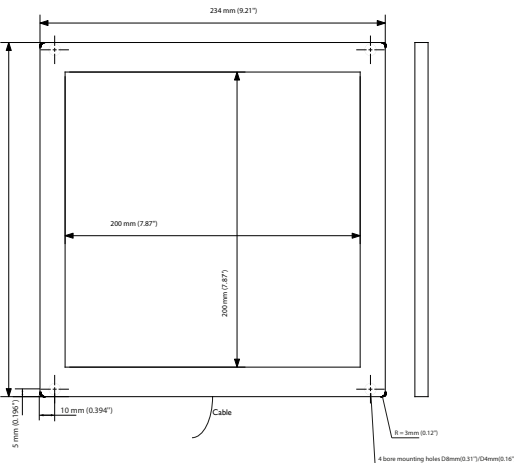
CLASS 0: NO RISK (CIE S2009:2002/NF EN 62471)

RoHS directive compliant

Each PHLOX Backlight is provided with:

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

October 06, 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 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.