

Manufacturer Source colour Light Output Area/Length Injection process Input voltage

PHLOX - LEDWDL - BL - 100x100 - MLLUB - Q - 1R - 24V

Source type Product type Range Number of light sources' rows per cicu

PHLOX® EXCLUSIVE LIGHT PROCESS WORLDWIDE PATENT ISSUED

NEW!

Day Light spectrum White led Backlight 100x100

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

00011311-PHLOX - LEDWDL - BL - 100x100 - MLLUB - Q - 1R - 24V



Illumination

Luminance minimum Uniformity minimum

Source Type Colour Temperature Light Angular Distribution

Expected Life

≥ 50000 cd/m² continuous mode

≥ **95**% (+/- 10%)

White LED

5700°K (+/-500) with daylight spectrum

30° 1/2 angle

> 100 000 hours

Scan for DS and 3D Files!



Input Voltage Input Current Cable length Connector Cable pinout CE Conformity

Strobe mode

24 VDC (continuous mode) ≤600 mA (continuous mode) 2 M − Ø 2.7 mm (6.56 ft − Ø 0.10") None

Yes ±

Available in option



Outer unit

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

400 g (14.1 oz)

4 bore holes (D8 for the first 3.5 mm of height,

D4 for the other 5 mm)

LLUB 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 unifor-mity and luminance datas on the quality control seal positioned at the back of every backlight.

Environmental

Max. Operating Humidity Operating Temperature StorageTemperature 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)

HLOX DIM LIGHT



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: ÁLIM-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 -**IN OPTION**

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

December 5th, 2024