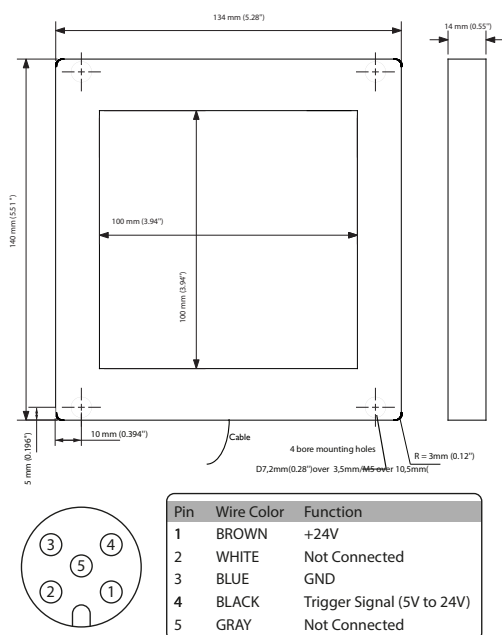
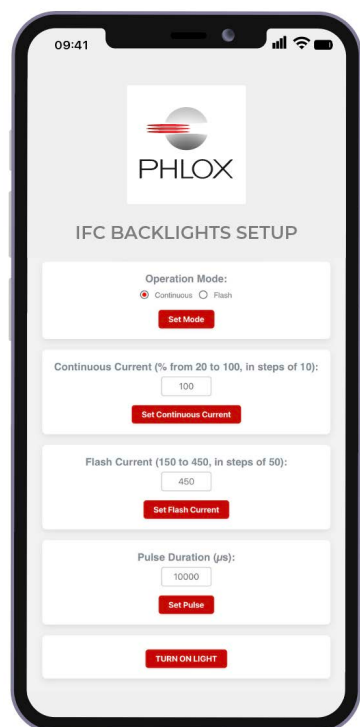


A VISION
AHEAD



**EASY SET UP WITH IFC EMBEDDED APP
AVAILABLE VIA WIFI**



HOW TO READ THE PRODUCT KEY

Manufacturer	Source colour	Light Output Area/ Length	Injection process	Input voltage
PHLOX	LEDW	BL - 100x100	IFC	Q - 1R - 24V- V2
Source type	Product type	Range	Number of light sources' rows per circuit	

PHLOX® EXCLUSIVE LIGHT PROCESS
WORLDWIDE PATENT ISSUED

NEW!

IFC V2 (Integrated Flash Controller) White led Backlight 100x100

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

00000755- PHLOX - LEDW - BL - 100x100 - IFC - Q - 1R - 24V-V2

Illumination

Luminance minimum

~ **90 000 cd/m² continuous mode**
(up to **540 000 cd/m² in flash 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**

Electrical

Input Voltage

24 VDC (continuous mode)

Input Current

≤ 800 mA (continuous mode)

Cable length

2 M - Ø 2.7 mm (6.56 ft - Ø 0.10")

Connector

5 pin male M12

CE Conformity

Yes

Strobe mode

Max Current: 4.6A / Pulse width: 10ms / Duty Ratio: 1/10
Trigger delay: 3µs / Pulse width: 5µs min - 10ms max

Scan for DS
and 3D Files !



Outer unit

L x W x H

140 x 134 x 14 mm (5.51 x 5.28 x 0.55")

Housing Material

Black Anodized Aluminium

Weight

520 g (18.34 oz)

Mounting

4 bore holes (D7,2 over 3.5mm of height, M5 over 10.5mm)

Environmental

Max. Operating Humidity

95% non-condensing

Operating Temperature

50°C (122°F) max

Storage Temperature

60°C (140°F) max

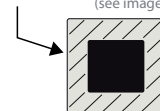
Shelf life

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)



Accessories

Power supply: 110V and 220V

Product key: ALIM 24V-2.5A60WEU or ALIM-24V-2.5A60WUS

Do not cover the backlight when it's switched on.

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

RoHS directive compliant

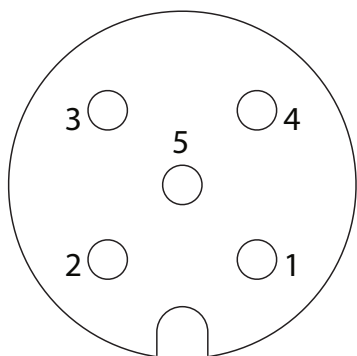
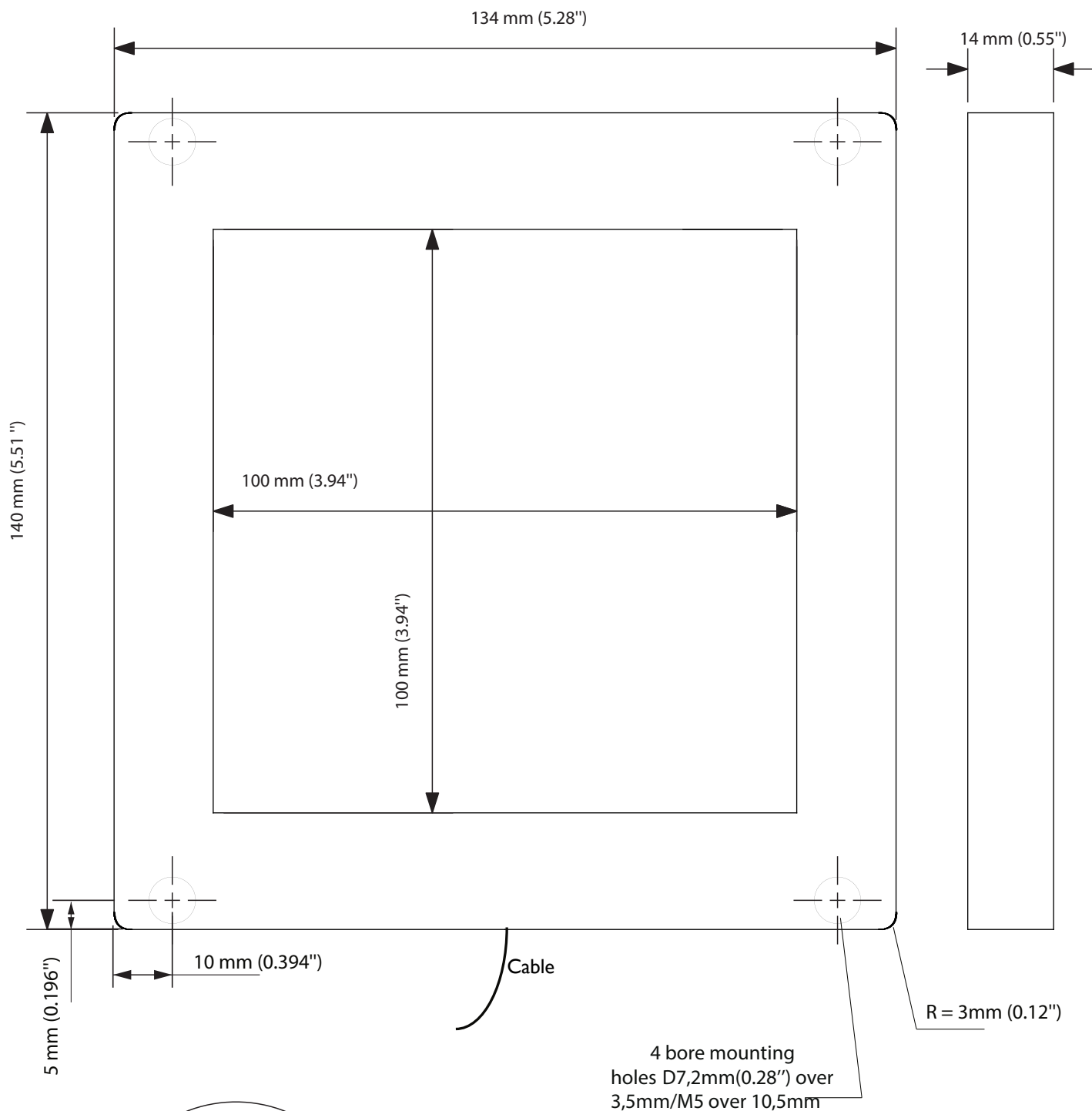
Each PHLOX Backlight is provided with:

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

June 3rd, 2025

www.phlox-gc.com

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- FRANCE Tel : +33 (0)4 42 90 76 20 - e-mail: sales@phlox-gc.com



M12 / 5 pin male connector

- 1 = Brown = +24V
- 2 = White = NC
- 3 = blue = ground
- 4 = black = trigger signal 5 to 24V
- 5 = grey = NC