

A VISION
AHEAD



Manufacturer Source colour Light Output Area/ Length

PHLOX - LED W - BL - 200x200 - IFC

Source type

Product type

Range

HOW TO READ THE PRODUCT KEY

Injection process

Input voltage

Q - 1R - 24V

Number of light sources' rows per circuit

PHLOX® EXCLUSIVE LIGHT PROCESS
WORLDWIDE PATENT ISSUED

NEW!

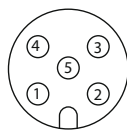
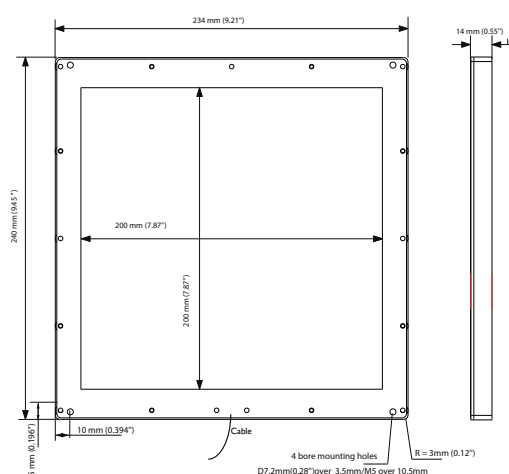
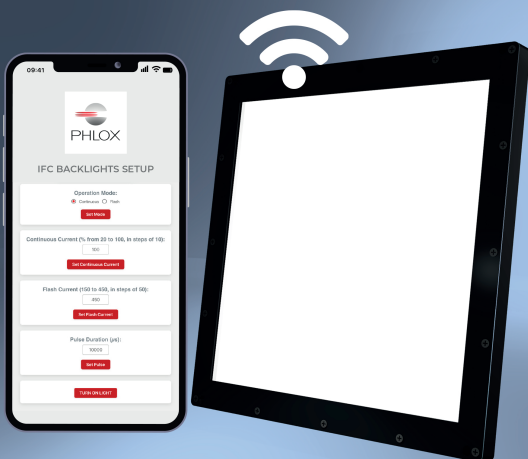
IFC (Integrated Flash Controller)

White led Backlight 200x200

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

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

00013401- PHLOX - LEDW - BL - 200x200 - IFC - Q - 1R - 24V



Pin	Wire Color	Function
1	BROWN	+24V
2	WHITE	Not Connected
3	BLUE	GND
4	BLACK	Trigger Signal (5V to 24V)
5	GRAY	Not Connected

Illumination

Luminance minimum

24 000 cd/m² continuous mode
(up to 120 000 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

≤ 900 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: 5A / 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

240 x 234 x 14 mm (9.45 x 9.21 x 0.55")

Housing Material

Black Anodized Aluminium

Weight

1440g (50.8 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

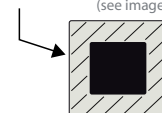
Shelf life

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

November 6th, 2025

www.phlox-gc.com

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EASY SET UP WITH IFC EMBEDDED APP
AVAILABLE VIA WIFI

