

ADVANCED ILLUMINATION BL 138 SERIES BACK LIGHTS

Expandable High Power Linear Backlights

BL13812-530IC

Ai High Power Linear Backlight, 12", Green, IC

- 510,000 lux - perfect for line-scanning applications
- Available 6" (152.4mm) increments from 6" (152.4mm) to 96" (2438.4mm) with the exception of a 3" (76.2mm) model
- Intensity control of entire light via 0 - 10v input



PRODUCT DESCRIPTION

The BL138 is a high intensity linear backlight offering 510 kLux output, making this perfect for back-lit, line scanning applications.

Available from 6" length up to 96" in increments of 6". A 3" (75mm) length option is also available. Available intensity control provides illuminance adjustability for every 6" increment via a 0 – 10v input.

Power options include:

- C1 connector - for use with DCS series controllers
- C5 connector - for use with Pulsar 320 strobe controller
- Continuous in-line controller - powered by 24V power supply
- Flying/tinned leads - powered by 24V power supply

For enquiries or quotes for sizes and power options not listed here please [contact us](#).

TECHNICAL DATA

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Wavelength	530
Colour	Green
Length	305 mm
Width	90.8 mm
Connector/controller	Continuous in-line controller
Standard cable length	Up to 2 meters
Photobiological risk factor IEC 6247	Group 1 (low risk)
Operating temperature	0°C - 60°C
Approvals	IEC 62471, CE, RoHS
IP class	IP50

Technical drawing of the 100-pin connector showing dimensions and optional IC hole location. The drawing includes the following labels and dimensions:

- 3.1 (0.12) - Overall width dimension.
- SEE CHART - Reference to a chart for pin numbers.
- 90.8 (3.58) - Overall length dimension.
- 0.48 (0.03) - Dimension for the mounting channel.
- M5 NUT CHANNEL FOR MOUNTING (PIRWARE INCLUDED) - Label for the mounting channel.
- OPTIONAL IC HOLE LOCATION - Label for the optional IC hole location.

Technical drawing of the front view of a mechanical part. The drawing shows a symmetrical component with a central rectangular opening. Dimensions are provided in millimeters (mm) and inches (in):

- Top width: 34.9 (1.37)
- Inner width: 40.3 (1.58)
- Bottom width: 50.2 (1.98)
- Right side height: 55.8 (2.20)
- Right side height (lower section): 7.0 (0.28)