

ADVANCED ILLUMINATION BL 138 SERIES BACK LIGHTS

Expandable High Power Linear Backlights

BL13812-45524

Ai High Power Linear Backlight, 12", Blue, 24V

- 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	455
Colour	Blue
Length	305 mm
Width	90.8 mm
Connector/controller	Flying/tinned leads
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

3.1 (8.12)

SEE CHART


90.8 (3.58)

0.88 (0.03)

1000

OPTIONAL IC HOLE LOCATION

MS. NUT CHANNEL FOR MOUNTING (PACHWARE INCLUDED)



Technical drawing of the 1000 Series 1/2" rack. The drawing shows a side view of the rack with dimensions: 3.1 (0.12) for the top rail, 90.8 (3.58) for the main body height, and 0.48 (0.03) for the bottom rail. A label '1000' is visible on the front. A note points to a 'M6 NUT CHANNEL FOR MOUNTING (P/WARE INCLUDED)' and another note points to an 'OPTIONAL IC HOLE LOCATION'. A dimension line at the top indicates 'SEE CHART'.