

ADVANCED ILLUMINATION BL 138 SERIES BACK LIGHTS

Expandable High Power Linear Backlights

BL13806-850IC
Ai High Power Linear Backlight, 6", IR, 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	850
Colour	Infrared
Length	152 mm
Width	90.8 mm
Connector/controller	Continuous in-line controller
Standard cable length	Up to 2 meters
Photobiological risk factor IEC 6247	Exempt
Operating temperature	0°C - 60°C
Approvals	IEC 62471, CE, RoHS
IP class	IP50

3.1 (8.12)

SEE CHART

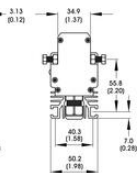
90.8 (3.58)

0.88 (0.03)

1000

OPTIONAL IC HOLE LOCATION

MS. NUT CHANNEL FOR MOUNTING (PAPERWARE INCLUDED)



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)
- SEE CHART
- 90.8 (3.58)
- 0.48 (0.03)
- MS. NUT CHANNEL FOR MOUNTING (PIASWARE INCLUDED)
- OPTIONAL IC HOLE LOCATION

