

ADVANCED ILLUMINATION - BL138 SERIES BACKLIGHTS

Expandable High Power Linear Backlights

BL13806-WHIIC
Ai High Power Linear Backlight, 6", White, 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.

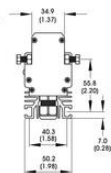
Power options include:

- 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](#).

Specifications

Approvals	IEC 62471, CE, RoHS
Color	White
Connector/controller	Continuous in-line controller
IP Class	IP50
Length	152
Operating temperature	0°C - 60°C
Photobiological Risk Factor IEC 6247	Group 1 (low risk)
Standard cable length	Up to 2 meters
Wave-Length	WHI
Width	90.8



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) - Distance from the top edge to the center of the first pin.
- 0.48 (0.03) - Distance from the bottom edge to the center of the last pin.
- MS. NUT CHANNEL FOR MOUNTING (PIRWARE INCLUDED) - Label pointing to the mounting channel.
- OPTIONAL IC HOLE LOCATION - Label pointing to a hole on the right side of the connector.

