

## ADVANCED ILLUMINATION BL 138 SERIES BACK LIGHTS

Expandable High Power Linear Backlights

BL13806-WHI24

Ai High Power Linear Backlight, 6", White, 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

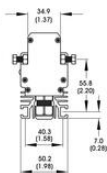
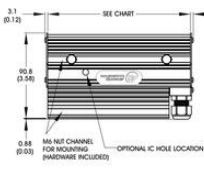
For enquiries or quotes for sizes and power options not listed here please [contact us](#).

## TECHNICAL DATA

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|                                      |                     |
|--------------------------------------|---------------------|
| Wavelength                           | WHI                 |
| Colour                               | White               |
| Length                               | 152 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                |

| INSULATION TABLE |                      |             |
|------------------|----------------------|-------------|
| DATA NUMBER      | UNIFORM DOG          | DESCRIPTION |
| -03              | 3.0"                 | BL13503     |
| -06              | 6.0"                 | BL13506     |
| -12              | 12.0"                | BL13512     |
| -18              | 18.0"                | BL13518     |
| -24              | 24.0"                | BL13524     |
| -30              | 30.0"                | BL13530     |
| 4"               | CONFORMS TO 4" R-4.0 | BL13540     |
| 6"               | CONFORMS TO 6" R-6.0 | BL13560     |



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