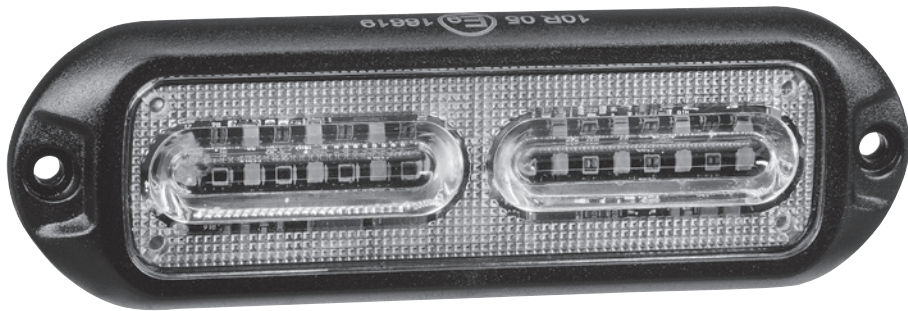


NARVA®

Part No's. 85221A (Amber), 85221B (Blue), 85221R (Red), 85221W (White),
85221RB (Red/Blue), 85221RW (Red/White), 85221BW (Blue/White)

ULTRA LOW PROFILE L.E.D WARNING LIGHTS

INSTALLATION & OPERATING INSTRUCTIONS



P/No. 85221A (Amber)



P/No. 85221RB (Red/Blue)

FEATURES

- SAE Class 1 12/24V warning lights
- Multiple flash patterns including SAE and ECE
- Synchronized or alternating flash across multiple units
- Super thin, compact design
- Sealed to IP67, potted electric
- Prewired with 300mm cable

FLASH PATTERNS

Single Colour Warning Function Flash Mode

Flash Pattern No.	Flash Patterns
1	Single flash (SAE)
2	Single flash (CAT13)
3	50% brightness single flash
4	Double flash
5	Triple flash
6	Quadruple flash
7	Single flash + Double flash
8	Single flash + Triple flash
9	Double flash + Triple flash
10	Burst flash

Dual Colour Warning Function Flash Mode

Flash Pattern No.	Flash Patterns
1	Single Flash - Dual (SAE)
2	Single Flash @ 50% - Dual
3	Double Flash - Dual
4	Triple Flash - Dual
5	Quad Flash - Dual
6	Quint Flash - Dual
7	Colour 1 Single Flash (SAE)
8	Colour 2 Single Flash
9	Colour 1 Double Flash
10	Colour 2 Double Flash

Note: Dual colour patterns alternate between colour 1 and 2

WIRING INSTRUCTIONS

For single installation:

Red: Positive

Black: Negative

White: Pattern change (+ve)

Green: Not required

For synchronisation:

Red: Positive

Black: Negative

White: Pattern change (+ve), then connect white wires of all units together to synchronise

Green: Not required

For Alternating flash:

Red: Positive

Black: Negative

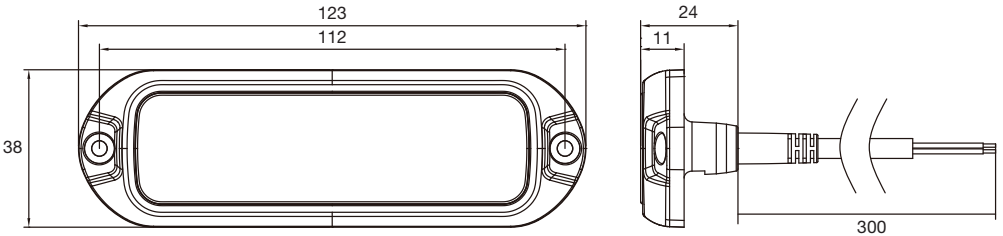
White: Pattern change (+ve)

Green: Connect green wires of all units to alternate flash patterns

Note: When synchronising modules connect all the white wires and apply the white wire to -VE for 2.5 seconds to change the pattern.

DIMENSIONS

- 85221A – 12/24V 8 LED Warning light (Amber)
- 85221B – 12/24V 8 LED Warning light (Blue)
- 85221R – 12/24V 8 LED Warning light (Red)
- 85221W – 12/24V 8 LED Warning light (White)
- 85221RB – 12/24V 16 LED Warning light (Red/Blue)
- 85221RW – 12/24V 16 LED Warning light (Red/White)
- 85221BW – 12/24V 16 LED Warning light (Blue/White)



SPECIFICATIONS

Light	Max Power	Voltage	Lens	Housing	Mounting	Wiring	Certification
8 LEDs*	20.8W	12/24VDC	Polycarbonate	Aluminium	Screw	-40°C to +65°C	SAE Class 1 ECE Class 1/2
16 LEDs*	20.8W	12/24VDC	Polycarbonate	Aluminium	Screw	-40°C to +65°C	SAE Class 1 ECE Class 1/2

* 16 and 8 LED have the same max power because only 8 of the 16 work at one time

WARRANTY STATEMENT

Applicable only to product sold in Australia

Brown & Watson International Pty Ltd of 1500 Ferntree Gully Road, Knoxfield, Vic., telephone (03) 9730 6000, fax (03) 9730 6050, warrants that all products described in its current catalogue (save and except for all bulbs and lenses whether made of glass or some other substance) will under normal use and service be free of failures in material and workmanship for a period of one (1) year (unless this period has been extended as indicated elsewhere) from the date of the original purchase by the consumer as marked on the invoice.

This warranty does not cover ordinary wear and tear, abuse, alteration of products or damage caused by the consumer. Narva Legion Light Bars carry a 1 year warranty for structural components of the light bar & a 5 year L.E.D warranty on the L.E.D components of the lightbar.

To make a warranty claim the consumer must deliver the product at their cost to the original place of purchase or to any other place which may be nominated by either BWI or the retailer from where the product was bought in order that a warranty assessment may be performed. The consumer must also deliver the original invoice evidencing the date and place of purchase together with an explanation in writing as to the nature of the claim.

In the event that the claim is determined to be for a minor failure of the product then BWI reserves the right to repair or replace it at its discretion. In the event that a major failure is determined the consumer will be entitled to a replacement or a refund as well as compensation for any other reasonably foreseeable loss or damage.

This warranty is in addition to any other rights or remedies that the consumer may have under State or Federal legislation.

IMPORTANT NOTE

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

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