

# NARVA

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Part No. 72832

## EX2 BLACKOUT LIGHTS

### INSTRUCTIONS AND SPECIFICATIONS



#### IMPORTANT SAFETY INFORMATION

**Please read these instructions carefully before installation.**

This product is intended for use as an auxiliary driving light and should be mounted to a vehicle facing forward. Applications outside this scope may void the product warranty.

- Remove negative battery cable before installation.
- Ensure lamps are fitted using the appropriate wiring harness or an equivalent auxiliary wiring systems.
- Ensure the lamps are mounted securely to a solid surface on the vehicle or bullbar.
- Cables connected to the lamp must not be subjected to wear or other damage.
- Please refer to your local State Government for lighting requirements, as they can differ from state to state.
- Please consult a qualified Auto Electrician to adapt to your vehicle wiring.

## LIGHT BAR BRACKET INSTALLATION

Suits standard Australian, New Zealand and European licence plates

Suits 10" EX2 Single Row Light Bars (P/No. 72830 and 72831)

1. Remove existing licence plate from vehicles front bumper keeping the screws
2. Place the licence plate over the bracket to align the screws holes
3. Fit the licence plate and bracket to the vehicles front bumper using the original screws.
4. Install the EX2 light bar to the bracket using the hardware supplied with the lamp.

Fig 1, 2, 3 and 4 (below)

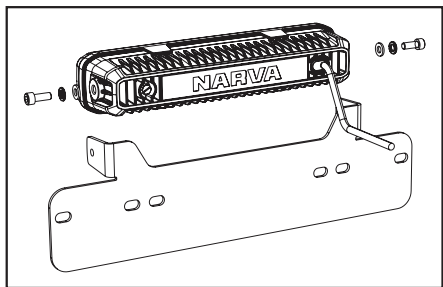


Fig. 1

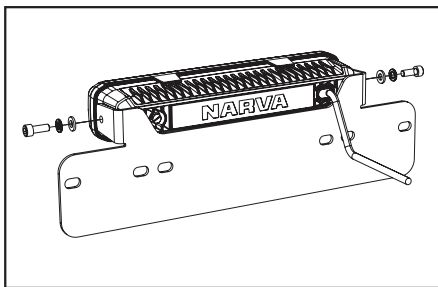


Fig. 2

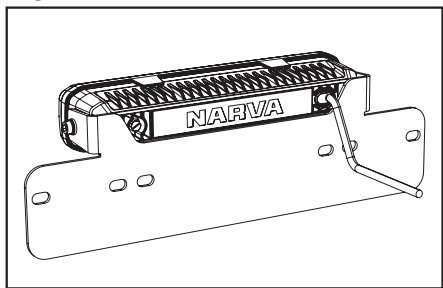


Fig. 3

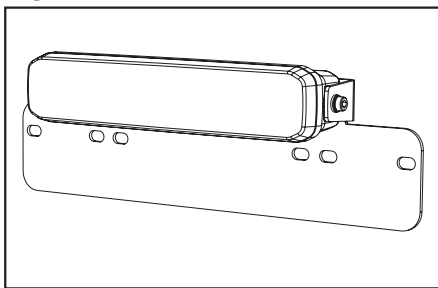
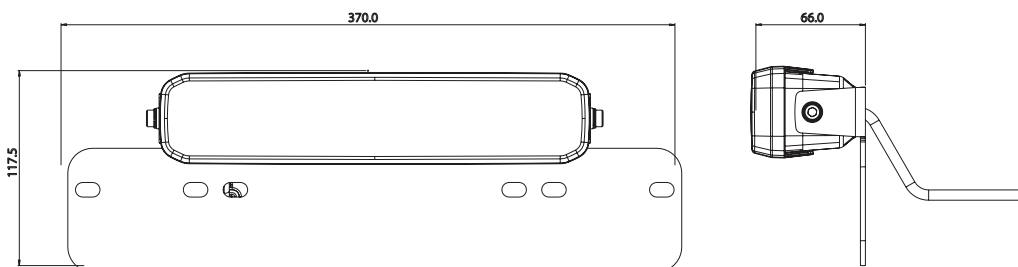
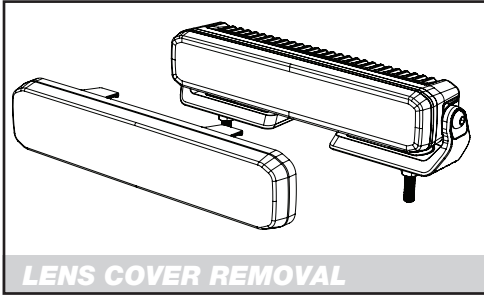


Fig. 4

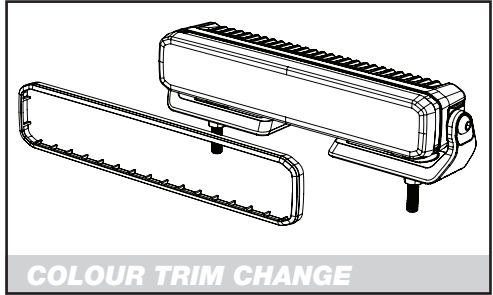
## BRACKET DIMENSIONS



## LIGHT BAR ASSEMBLY



1. Remove Lens Protector by un-clipping the side wings.



1. Remove the Colour trim by unclipping from the edge of the lamp
- 2 Change the Colour Trim and reassemble in reverse order.

## **LIGHT BAR WIRING INSTRUCTIONS**

### **EX2 WIRING WITHOUT SWITCH**

1. Join positive red lead from the light bar to cable by crimping the ends together.
2. Terminate the cable to one end of the fuse holder and other end to the positive terminal of the battery.
3. Join negative black leads from the light bar to one cable by crimping the ends together.
4. Terminate to negative terminal of the battery or vehicle ground chassis.
5. Join the yellow high beam trigger wire to 3mm wire and connect it to the high beam feed wire of the vehicle. For Negative switching refer to last drawing.

### **EX2 WIRING WITH SWITCH**

1. Join positive red lead from the light bar to cable by crimping the ends together.
2. Terminate the cable to one end of the fuse holder and other end to the positive terminal of the battery.
3. Join negative black leads from the light bar to one cable by crimping the ends together.
4. Terminate to negative terminal of the battery or vehicle ground chassis.
5. Join the yellow high beam trigger wire to 3mm wire and connect it to the switch in cabin. Connect a 3mm wire from the switch to high beam feed wire of the vehicle.

For Negative switching refer to last drawing.

EX2 Light Bars come with 2000mm flying lead

### **CABLE AND FUSE**

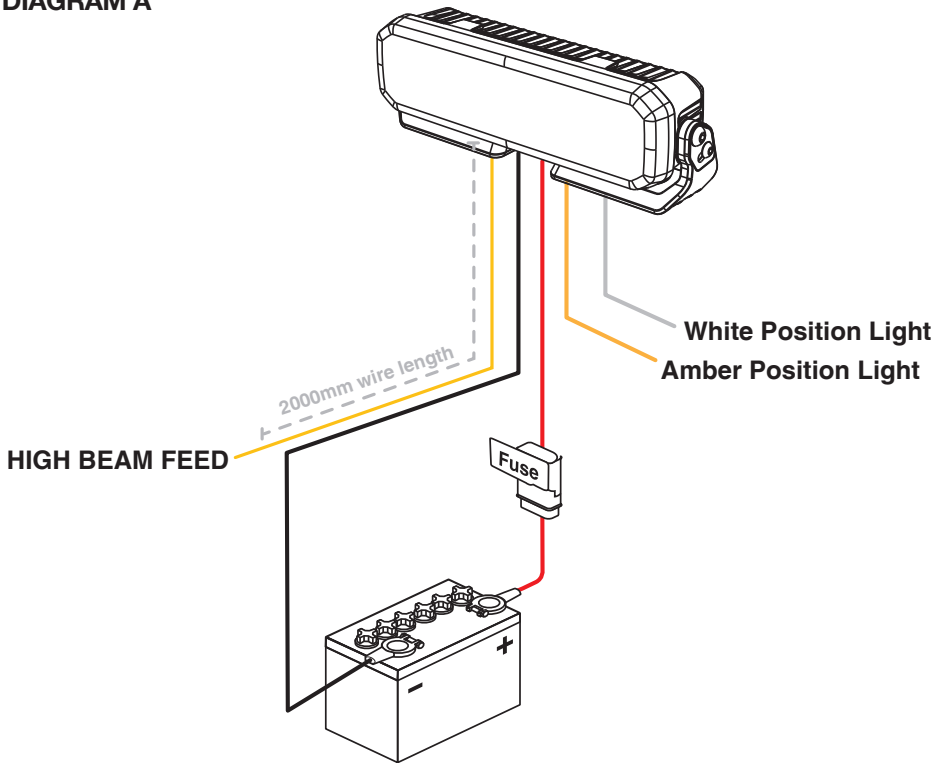
Licence Plate Light Bar

3mm cable with 4A fuse

Light bars must dip with High Beam to meet ADR requirements. Please refer to your local State Government for wiring requirements, as they can differ from state to state. Please consult a qualified Auto Electrician to adapt to your vehicle wiring.

## LIGHT BAR LAMP WIRING (WITHOUT SWITCH)

DIAGRAM A



**RED - POSITIVE**

**BLACK - NEGATIVE**

**YELLOW - HIGH BEAM FEED**

**\*Fuse not included (check cable and fuse for detail)**

**\*Length of wires for diagram purposes only**

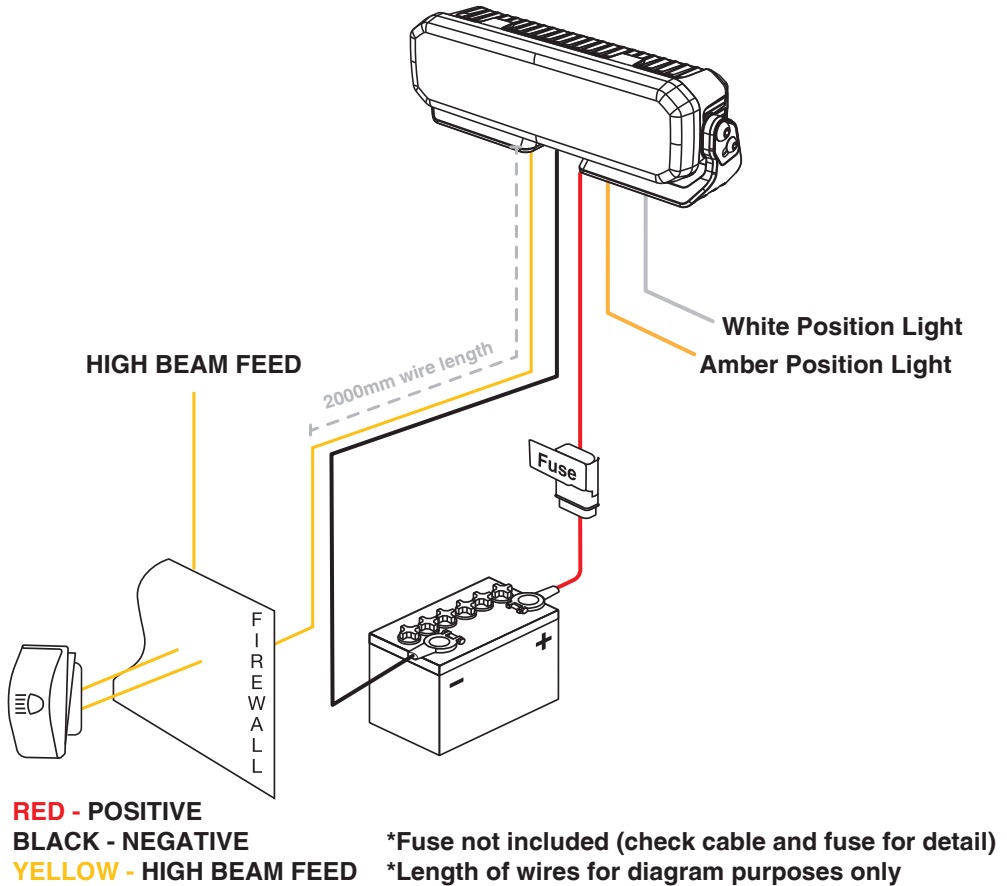
No relay required due to internal switching technology (patent pending)

Each EX2 Light Bar comes with 2000mm flying lead wire

Note: Light Bars must dip with High Beam to meet ADR requirements. Please refer to your local State Government for wiring requirements, as they can differ from state to state. Please consult a qualified Auto Electrician to adapt to your vehicle wiring.

## LIGHT BAR LAMP WIRING (WITH SWITCH)

DIAGRAM B



No relay required due to internal switching technology (patent pending)

Each EX2 Light Bar comes with 2000mm flying lead wire

Please consult a qualified Auto Electrician to adapt to your vehicle wiring.

## LIGHT BAR TECHNICAL SPECIFICATIONS

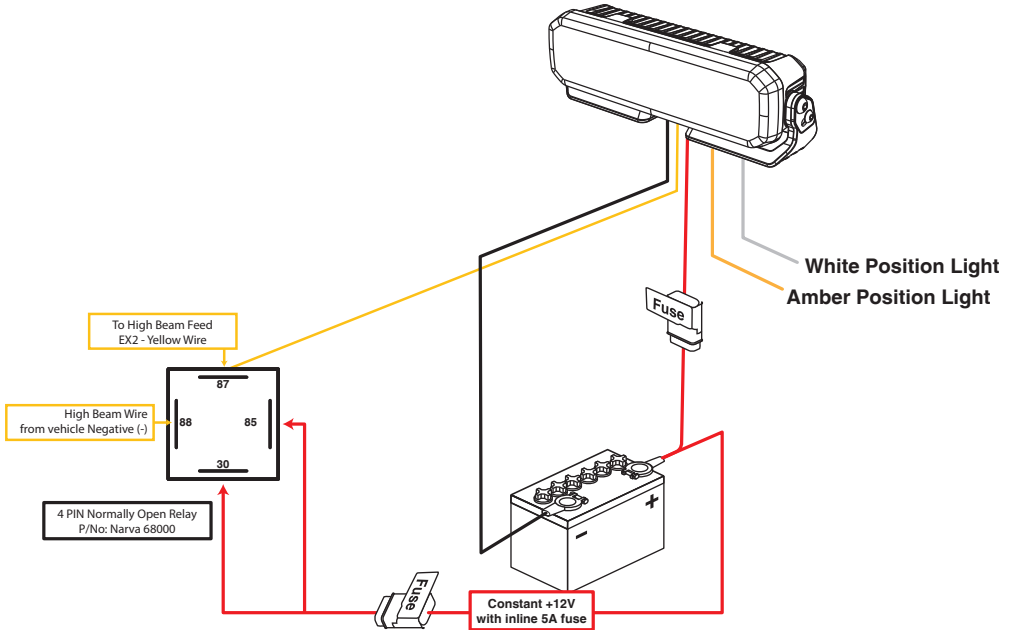
Series Name:	10" EX2 Licence Plate Light Bar
Input Voltage Range:	9-33V
Current Draw (@13.5V)	1.93A
LEDs:	8 x 5 Watt Cree LEDs
Effective Lumens:	2,235 effective
Beam Type	Hybrid
Colour Temperature	5700°K
Colour Rendering Index:	70
Lenses	Hard coated polycarbonate
Hardware:	Stainless Steel
IP Rating:	IP68 & IP69K
Position Light:	Amber & White
Housing & Bracket	Aluminium pressure die-cast & Composite bracket

## LIGHT BAR PARTS AVAILABLE

	10" EX2 Licence Plate Light Bar
Volcano (Red)	C 72892-RD
Juiced (Orange)	C 72892-OE
Sunburst (Yellow)	C 72892-YW
Hyper (Green)	C 72892-GN
Electric (Blue)	C 72892-BE
Bubblegum (Pink)	C 72892-PK
Slate (Grey)	C 72892-GY
Stealth (Black)	C 72892-BK

## LIGHT BAR LAMP WIRING (WITH SWITCH)

1. Using a 4PIN normally open relay (Narva P/no 68000), connect PIN 30 and PIN 85 to a constant +12V source with 5AMP inline fuse.
2. Connect negative (-) high beam wire from vehicle to Pin 86.
3. Connect Pin 87 to EX2 High beam feed.



**RED - POSITIVE**

**BLACK - NEGATIVE**

**YELLOW - HIGH BEAM FEED**

\*Fuse not included (check cable and fuse for detail)

\*Length of wires for diagram purposes only



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## **WARRANTY STATEMENT**

Brown & Watson International Pty Ltd ("BWI") of 1500 Ferntree Gully Road, Knoxfield, Vic., telephone (03) 9730 6000, fax (03) 9730 6050, warrants that all products described in its current catalogue will under normal use and service be free of failures in material and workmanship for a period of one (1) year from the date of the original purchase by the customer as marked on the invoice. This warranty does not cover ordinary wear and tear, abuse, alteration of products or damage caused by the purchaser. 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 the 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.

### **Distributed by**

#### **AUSTRALIA OFFICE**

**Brown & Watson International Pty. Ltd.**

Knoxfield, Victoria 3180

Phone: (03) 9730 6000

Fax: (03) 9730 6050

National Toll Free: 1800 113 443

#### **NEW ZEALAND OFFICE**

**Brown & Watson International NZ Ltd.**

Mount Wellington, Auckland 1060

Phone: (09) 525 4575