

# NARVA®

## Optimax

### L.E.D ROTATING BEACON

SAE Class 1, 12/24V

### User Manual & Operating Instructions

Part Nos.

85660A, 85660XX\*, 85662A,  
85664A, 85666A, 85668A



\* XX signifies the colours. e.g. 85660AG = Amber/Green

### FEATURES

- 6 x 5W LED's Exceed SAE Class 1
- 10–33V Operation
- Quiet operation
- Die-cast base with polycarbonate lens
- Meets Heavy Vehicle Reg. 2013 No 77
- Magnetic base speed rating 120km/H
- World first dual colour LED Beacon available
- Reverse polarity protected
- Fully sealed and waterproof (IP67)
- Vibration tested to IEC 60068-2-64
- ROHS and REACH certified



## WARNING



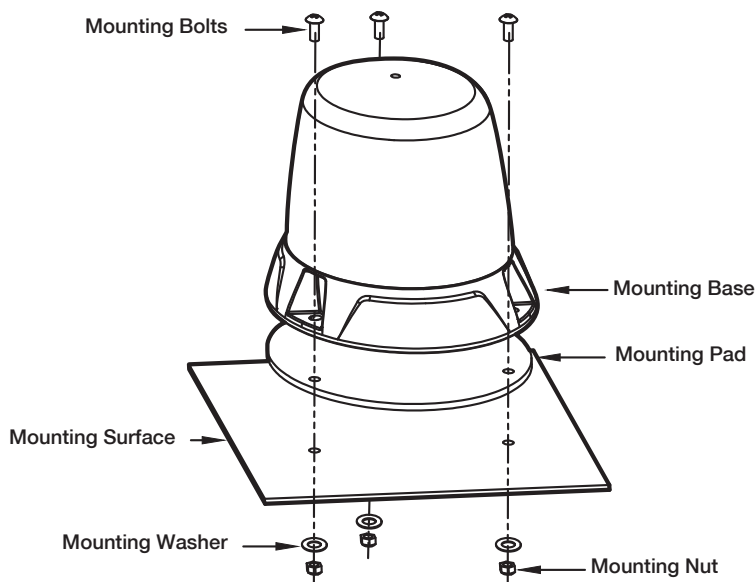
**Read carefully and understand all instructions before operating.**

- It is not recommended to use magnetically mounted warning devices on the outside of a vehicle in motion. Usage is at the sole risk and responsibility of the user
- Risk of electrical shock; do not use in an environment with gas, combustible or explosive materials, or hot objects
- Do not open, repair or modify
- Use only under the recommended voltage and frequency requirements
- Do not look directly at the light, as this will result in dazzling
- Minimum distance from lighted objects 0.1 m
- The specification in this manual is based on standard lab testing, different environment may influence the data

## INSTALLATION – FLANGE BASE

**Part Nos. 85660A, 85660AG**

- 1** Mark wire access and mounting holes on the mounting surface by using the mounting pad.
- 2** Drill the mounting holes accordingly.
- 3** Drill the wire access holes, deburr and feed the wire through.
- 4** Make and test all necessary connection.
- 5** Secure beacon onto mounting surface with mounting bolts.

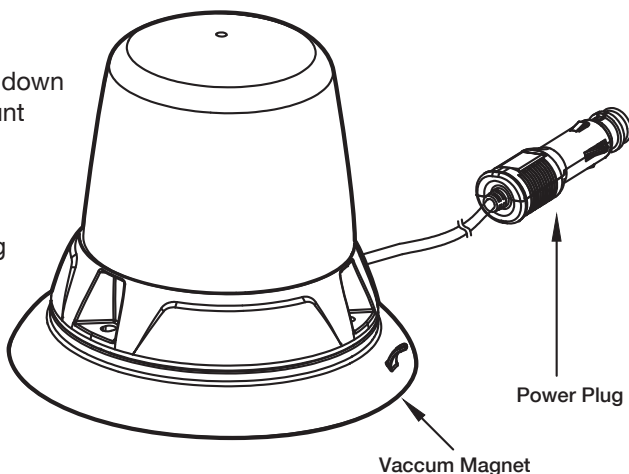


**Note:** Dual colour beacon should not have both power wires connected to the same switch.

## INSTALLATION – VACUUM MAGNETIC BASE

### Part No. 85668A

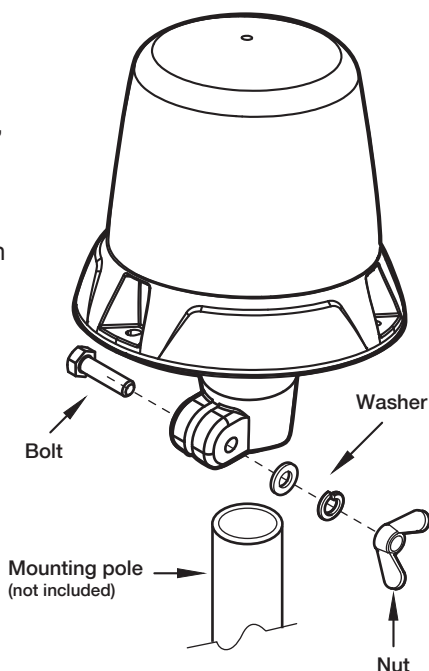
- 1 Position lamp on a suitable surface and push the lamp down to engage the vacuum mount
- 2 Insert cigarette plug in to a suitable socket
- 3 Operate the beacon via the switch on the cigarette plug
- 4 Do not exceed 120KM/H



## INSTALLATION – POLE AND FLEXIBLE POLE MOUNT

### Part Nos. 85664A, 85666A

- 1 Position pipe mount connecting piece on a suitable surface and secure (use Narva part no. 85490, 85491 not included)
- 2 Insert lamp into pipe mount connecting piece and secure by tightening the wing nut located on the lamp



**RED** To 12/24VDC (+) (fuse rating = 3A at 12/24VDC)

**BLACK** To chassis ground (-)

**YELLOW** To positive DC for second colour (fuse rating = 3A at 12/24VDC)

**FLASH PATTERN** Anti-clockwise rotator (125RPM)

## SPARE PARTS

<b>85690A</b>	Amber Lens to suit Optimax Beacon
<b>85690C</b>	Clear Lens to suit dual colour Optimax beacon
<b>85698</b>	Magnetic Base Kit to suit Optimax LED beacon
<b>85699</b>	Pole base to suit Optimax LED beacon
<b>85699-F</b>	Flexible Pole base to suit Optimax LED beacon
<b>85494</b>	Universal beacon mounting plate

## WARRANTY STATEMENT

### Applicable only to product sold in Australia and New Zealand

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 (see elsewhere for specific warranty period). This warranty does not cover ordinary 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 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.

If 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. If 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, 5 year warranty excludes mining applications.

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