

# NARVA®

Part Nos. 85220AW, 85220AR, 85220AA

## 12/24V 'HALO' WARNING/MARKER LIGHTS

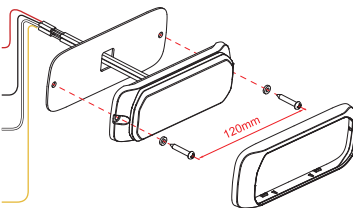
### WIRING

To +VDC (Suggested Fuse Rating @ 2A).....**RED:**  
Activate inner Warning Lamp in warning Flash Pattern

To Chassis -Ground:.....**BLACK:**

To +VDC (Suggested Fuse Rating @ 2A)...**WHITE:**  
Activate outer Halo-Ring™ in Steady-On

For Synchronization, Flash Pattern and Setting  
(see operation).....**YELLOW:**



### OPERATION

#### For Warning Synchronization:

Connect **YELLOW** wires of all lightheads together for synchronization.  
(All lightheads should be set to the same Flash Pattern)

#### For Simultaneous or Alternating Warning Flash:

1. Apply +VDC to **RED** (or **WHITE**) and **YELLOW** wires simultaneously to enter *Grouping Mode*; lighthead will display short (single or double) flashes:
  - Single flash = Group1      • Double flash = Group2
2. Remove **YELLOW** wire from +VDC then momentarily apply +VDC to **YELLOW** wire again to change Groups:
  - Lightheads of the same Group will flash together.
  - Lightheads of the different Group will flash alternately.
3. Save and Exit *Grouping Mode* by powering off the lighthead.

#### For changing Warning Flash Pattern:

- Momentarily apply +VDC to **YELLOW** wire:
- once to next pattern
  - quick three times to reset to FP#1

**Notes**

- i. All approvals are based on actual model ordered.
- ii. This product may not be factory-set at FP#1.
- iii. Outer 'Halo' rings are approved as side, front and rear marker lights.

Warning Flash Patterns			
1	Double [R65]	8	Quad [SAE]
2	Single [2Hz]	9	Quint [SAE]
3	Triple [2Hz]	10	Mega
4	Quad [2Hz]	11	Ultra [SAE]
5	Random	12	Single-Quad
6	Single [SAE/CA13]	13	Single H/L
7	Double [SAE]	14	Steady

## **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.

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.

Distributed by:

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