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THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY



COMMUNICATION CONCERNING THE APPROVAL GRANTED/  
~~APPROVAL EXTENDED/APPROVAL REFUSED/APPROVAL WITHDRAWN~~  
~~/PRODUCTION DEFINITELY DISCONTINUED<sup>(2)</sup>~~ OF A TYPE OF SPECIAL  
WARNING LIGHT FOR MOTOR VEHICLES, PURSUANT TO REGULATION  
NO 65

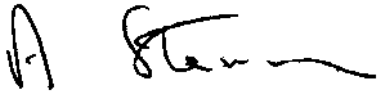
Approval No: 65R-000183

1. Special warning lamp / rotating / ~~stationary flashing lamp~~ / directional flashing lamp / ~~complete bar/ blue / amber~~ <sup>(2)</sup> M4R24-R65R2
2. Special warning lamp has one / two<sup>(2)</sup> levels of intensity: Two  
Special warning lamp consists of no separate units.
3. For special warning lamps having two levels of intensity, indicate the system used to obtain increased intensity at day-time: Electronic switching (internal)
4. Used light source, discharge lamp or category of filament lamp: LED
5. Rated voltage of special warning lamp: 24V
6. Trade name or mark: Woodway
7. Manufacturer's name and address:  
Woodway Engineering Ltd  
Lower Road  
Barnacle  
CV7 9LD
8. If applicable, name and address of manufacturer's representative: Not applicable
9. Submitted for approval on: 23 June 2011

EAM237757

An executive agency of the Department for Transport  
June 2008 Issue 1



10. Technical service responsible for approval tests: BSI
11. Date of report issued by that service: 18 July 2011
12. Number of report issued by that service: 247/7716649
13. Approval GRANTED/~~EXTENDED~~/~~REFUSED~~/~~WITHDRAWN~~<sup>(2)</sup>
14. Reason(s) of extension (if applicable): Not applicable
15. Place: BRISTOL
16. Date: 27 JULY 2011
17. Signature:  A. W. STENNING  
Head of Technical and Quality Group
18. The list of documents filed with the administration service which has granted approval and available on request is annexed to this communication.

(1) Distinguishing number of the country which has granted/extended/refused/withdrawn approval (see approval provisions in the Regulation).

(2) Strike out what does not apply.





## M4R24-R65R2 Directional Light Head Technical Information

Lamp Type Number or Part Number: M4R24-R65R2

Basic Description of Lamp, including ECE Category:  
Special Warning Lamp, Blue, dual level of intensity.  
ECE Regulation 65, Category 'X', type R, class 2 special warning lights.  
1 lamp module is required to meet the approval. See drawing 6A787.

Manufacturer's Name and Address:  
Woodway Engineering Ltd  
Lower Road  
Barnacle  
Coventry  
CV7 9LD  
United Kingdom

Representative's Name and Address (if applicable):  
n/a

### Lamp Specifications

Lens Optics / Reflector Optics:  
Red outer optic lens.

Rated voltage: 28 V

Number of bulbs and ECE Reg 37 bulb category or for non-replaceable light sources number and total wattage:

4 banks of 3 LED discrete surface mount devices. Each bank of 3 LED's are arranged in a series circuit configuration and are activated by an internal electronic flasher (See drawing 6C127-1 & 2).

Total wattage per lamp (average) 8 watts.

Lens material: Polycarbonate

Housing material: Polycarbonate.

Sealing/bonding method and material: n/a

[www.woodwayengineering.co.uk](http://www.woodwayengineering.co.uk)

Woodway Engineering Limited, Lower Road, Barnacle, Coventry, CV7 9LD, United Kingdom

