



RDW

Vehicle Technology Division

397

THE NETHERLANDS
(N E D E R L A N D)



EEC TYPE-APPROVAL CERTIFICATE

Communication concerning the:

- granted of type-approval
- extension of type-approval
- refusal of type-approval
- withdrawal of type-approval

of a type of vehicle/component/separate technical unit with regard to 72/245/EEC Directive as last amended by 95/54/EC Directive.

Type-approval N° : e4*72/245*95/54*0744*00

Reasons for extension : - - -

Approval mark :

e 4

020744

SECTION I

- 0.1. Make (trade name of manufacturer) : FEDERAL SIGNAL VAMA
- 0.2. Type and general commercial description(s) : AUXILIARY LIGHTS
MICROLED, LD 116
- 0.3. Means of identification of type, if marked on the
vehicle/component/separate technical unit : See technical documentation
- 0.3.1. Location of that marking : See technical documentation
- 0.4. Category of vehicle : - - -
- 0.5. Name and address of manufacturer : FEDERAL SIGNAL VAMA S.A.
C/ Dr. Ferran, 7
08339 Vilassart de Dalt, Barcelona (SPAIN)
- 0.7. In the case of components and separate
technical units, location and method of affixing
of the approval mark : See technical documentation
- 0.8. Address(es) of assembly plant(s) : C/ Dr. Ferran, 7
08339 Vilassart de Dalt, Barcelona (SPAIN)

C/ Narcís Monturiol, 21-23
08339 Vilassart de Dalt, Barcelona (SPAIN)



Type-Approval Number

: e4*72/245*95/54*0744*00

SECTION II

1. Additional information (where applicable) : See appendix
2. Technical service responsible for carrying out the tests :
IDIADA AT
L'Albornar, P.O. Box 20
E-43710 Santa Oliva (Tarragona)
SPAIN
3. Date of test report : 15.01.2003
4. Number of test report : 0301057
5. Remarks (if any) : See appendix
6. Place : Zoetermeer
7. Date : - 3 FEB. 2003
8. Signature :

The signature is a cursive scribble over a circular official stamp. The stamp features a coat of arms with a crown on top and the text 'J.C.M. Hoogw' below it.
9. The index to the information package lodged with the approval authority, which may be obtained on request, is attached.
 - Test report: see section II item 4 (Pages 5)
 - Technical documentation (Pages 27)

Type-Approval Number : e4*72/245*95/54*0744*00

Appendix to Type-Approval Communication Form N° e4*72/245*95/54*0744*00
Concerning the Type-Approval of a Vehicle with regard to Directive 72/245/EEC as last amended
by Directive 95/54/EC

1. Additional information (where applicable)
- 1.1. Electrical system rated voltage : 12V, negative ground
- 1.2. This ESA can be used on any vehicle type with the following restrictions : ---
- 1.2.1. Installation conditions, if any : ---
- 1.3. This ESA can be used only on the following vehicle types : The use of this ESA is strictly reserved to the priority vehicles legally authorised
- 1.3.1. Installation conditions, if any : See technical documentation
- 1.4. The specific test method(s) used and the frequency ranges covered to determine immunity were : Free field; 20 – 1000 MHz
- 1.5. Approved/accredited laboratory responsible for carrying out the tests : IDIADA AT
L'Albornar, P.O. Box 20
E-43710 Santa Oliva (Tarragona)
SPAIN
5. Remarks (if any) : ---

