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**ECONOMIC COMMISSION FOR EUROPE**

**INLAND TRANSPORT COMMITTEE**

World Forum for Harmonization of Vehicle Regulations

One-hundred-and-forty-fourth session  
Geneva, 11-14 March 2008  
Item 4.2.16. of the provisional agenda

1958 AGREEMENT

Consideration of draft amendments to existing Regulations

Proposal for Supplement 12 to the Regulation No. 50  
(Position lamps L)

Submitted by the Working Party on Lighting and Light-Signalling (GRE) \*/

The text reproduced below was adopted by GRE at its fifty-eighth session. It is based on ECE/TRANS/WP.29/GRE/2007/54, as amended by Annex V to the report and on ECE/TRANS/WP.29/GRE/2007/62, not amended. It is submitted to WP.29 and AC.1 for consideration (ECE/TRANS/WP.29/GRE/58, paras. 25 and 30).

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\*/ In accordance with the programme of work of the Inland Transport Committee for 2006-2010 (ECE/TRANS/166/Add.1, programme activity 02.4), the World Forum will develop, harmonize and update Regulations in order to enhance performance of vehicles. The present document is submitted in conformity with that mandate.

Insert a new paragraph 2.3., to read:

"2.3. The definitions of the colour of the light emitted, given in Regulation No. 48 and its series of amendments in force at the time of application for type approval shall apply to this Regulation."

Paragraph 2.3. (former), renumber as paragraph 2.4.

Paragraph 4.4.2., amend to read:

"4.4.2. the specific identification code of the module; this marking must be clearly legible and indelible. This specific identification code shall comprise the starting letters "MD" for "MODULE" followed by the approval marking without the circle as prescribed in paragraph 5.5.1. below and in the case several non identical light source modules are used, followed by additional symbols or characters; this specific identification code shall be shown in the drawings mentioned in paragraph 3.2.1. above.

The approval marking does not have to be the same as the one on the lamp in which the module is used, but both markings shall be from the same applicant."

Paragraphs 6.3. to 6.3.2., amend to read:

"6.3. In the case of light source modules, it shall be checked that:

6.3.1. The design of the light source module(s) shall be such as:

- (a) that each light source module can only be fitted in no other position than the designated and correct one and can only be removed with the use of tool(s);
- (b) If there are more than one light source module used in the housing for a device, light source modules having different characteristics can not be interchanged within the same lamp housing.

6.3.2. The light source module(s) shall be tamperproof."

Paragraph 9., amend to read:

"9. COLOUR OF LIGHT EMITTED

Stop lamps and rear position lamps shall emit red light, front position lamps shall emit white light, direction indicators shall emit amber light. The colour of the light emitted inside the field of the light distribution grid defined at paragraph 2. of Annex 4, shall be measured using a light source having a colour temperature of 2,856 K, 3/ in accordance with Annex 5 to this Regulation. Outside this field no sharp variation of colour shall be observed.

However, for lamps equipped with non-replaceable light sources, the colorimetric characteristics should be verified with the light sources present in the lamps at a voltage of 6.75 V, 13.5 V or 28.0 V."

Annex 5, amend to read (all colour coordinates to be deleted):

"Annex 5

COLOURS OF LAMPS: CHROMATICITY COORDINATES

For checking the colorimetric characteristics of lamps a source of light .... "

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