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### Economic Commission for Europe

#### Inland Transport Committee

#### World Forum for Harmonization of Vehicle Regulations

##### 155<sup>th</sup> session

Geneva, 15–18 November 2011

Item 4.6.8 of the provisional agenda

**1958 Agreement – Consideration of draft amendments  
to existing Regulations submitted by GRE**

### **Proposal for Supplement 2 to the 01 series of amendments to Regulation No. 112 (Headlamps emitting an asymmetrical passing beam)**

#### **Submitted by the Working Party on Lighting and Light-Signalling\***

The text reproduced below was adopted by the Working Party on Lighting and Light-Signalling (GRE) at its sixty-fifth session to adapt the definition of "Light Emitting Diode (LED) Modules in line with technical progress. It is based on ECE/TRANS/WP.29/GRE/2011/21, not amended (ECE/TRANS/WP.29/GRE/65, para. 22). It is submitted to the World Forum for Harmonization of Vehicle Regulations (WP.29) and to the Administrative Committee (AC.1) for consideration.

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\* In accordance with the programme of work of the Inland Transport Committee for 2010–2014 (ECE/TRANS/208/, para. 106 and ECE/TRANS/2010/8, programme activity 02.4), the World Forum will develop, harmonize and update Regulations in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate.

Paragraph 2.2.2., amend to read:

"2.2.2. A brief technical ... this shall include:  
...  
(b) A drawing with dimensions and the basic electrical and photometric values and the objective luminous flux and for each LED module a statement whether it is replaceable or not;  
..."

Insert a new paragraph 5.3.2.4., to read:

"5.3.2.4. In the case of replaceable LED module the removal and replacement of this LED module, as described in Annex 10, paragraph 1.4.1. shall be demonstrated to the satisfaction of the technical service."

Insert a new paragraph 5.10., to read:

"5.10 The definitions in paragraphs 2.7.1.1.3 and 2.7.1.1.7. in Regulation No. 48 allow the use of LED module, which may contain holders for other light sources. Notwithstanding this provision a mixture of LED'(s) and other light sources for the principal dipped beam or the contributor to the bend lighting or each driving beam, as specified by this Regulation is not allowed."

Annex 1, item 9, amend to read:

"9. Brief description:  
...  
Measures according to paragraph 5.8. of this Regulation:.....  
Number and specific identification code(s) of LED module(s) and for each LED module a statement whether it is replaceable or not: yes/no <sup>2</sup>.....  
Number and specific identification code(s) of electronic light source control gear(s).....  
..."

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