



**Economic and Social  
Council**

Distr.  
GENERAL

ECE/TRANS/WP.29/2009/29  
17 December 2008

Original: ENGLISH

---

**ECONOMIC COMMISSION FOR EUROPE**

**INLAND TRANSPORT COMMITTEE**

**World Forum for Harmonization of Vehicle Regulations**

One-hundred-and-forty-seventh session  
Geneva, 10 - 13 March 2009  
Item 4.2.27 of the provisional agenda

**1958 AGREEMENT**

Consideration of draft amendments to existing Regulations

Proposal for Corrigendum 2 to Supplement 9 to Regulation No. 98  
(Headlamps with gas-discharge light sources)

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

The text reproduced below was adopted by GRE at its sixtieth session. It is based on ECE/TRANS/WP.29/GRE/2008/38, as amended by Annex IV to the report and on ECE/TRANS/WP.29/GRE/2008/41, not amended. It is submitted to WP.29 and AC.1 for consideration (ECE/TRANS/WP.29/GRE/60, paras. 29 and 40).

---

\*/ 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 3.8., to read:

"3.8. If an electronic light source control gear which is not part of a LED module is used to operate a LED module(s), it shall be marked with its specific identification code(s), the rated input voltage and wattage."

Paragraphs 5.4. to 5.4.2.2., amend to read:

"5.4. Illumination configuration for different traffic conditions

5.4.1. In the case of headlamps designed to meet the requirements of traffic moving on one side of the road (either right or left) only, appropriate measures shall be taken to prevent discomfort to users in a country where traffic moves on the side of the road opposite to that of the country for which the headlamp was designed. Such measures may be:

- (a) occulting a part of the outer headlamp lens area;
- (b) downward movement of the beam. Horizontal movement is allowed;
- (c) any other measure to remove or reduce the asymmetrical part of the beam.

5.4.2. Following the application of this (these) measure(s) the following requirements regarding illumination shall be met: with the adjustment left unchanged compared to that for the original traffic direction:

5.4.2.1. Passing beam designed for right-hand traffic and adapted to left-hand traffic:

- at 0.86D-1.72L at least 5 lux
- at 0.57U-3.43R not more than 1.4 lux

5.4.2.2. Passing beam designed for left-hand traffic and adapted to right-hand traffic:

- at 0.86D-1.72R at least 5 lux
- at 0.57U-3.43L not more than 1.4 lux "

-----