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**ECONOMIC COMMISSION FOR EUROPE**

INLAND TRANSPORT COMMITTEE

World Forum for Harmonization of Vehicle Regulations (WP.29)

Working Party on Lighting and Light-Signalling (GRE)

(Fifty-third session, 4–8 October 2004,  
agenda item 2.2.)

**PROPOSAL FOR DRAFT AMENDMENTS TO REGULATION No. 48**

(Installation of lighting and light-signalling devices)

Transmitted by the expert from Canada

Note: The text reproduced below was prepared by the expert from Canada in order to limit the projection of white light towards the rear of the vehicle. It is based on a document without a symbol (informal document No. GRE-52-7), distributed during the fifty-second GRE session which was revised by the expert from Canada (TRANS/WP.29/GRE/52, para. 10). The modifications to the existing text of the Regulation are marked in **bold** characters.

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Note: This document is distributed to the Experts on Lighting and Light-Signalling only.

GE.04-22541

**A. PROPOSAL**

Paragraphs 5.10. to 5.10.2., amend to read:

"5.10. **Visibility of coloured light forward and rearward of a vehicle**

**Note:** No account shall be taken of lighting devices fitted for the interior lighting of a vehicle.

5.10.1. **Visibility of light other than white towards the front of a vehicle**

**With the exception of a red rearmost side -marker lamp, there must be no direct visibility of the apparent surface of a lamp capable of projecting or retro-reflecting light of any colour other than white if viewed by an observer moving within Zone 1 as specified in annex 4.**

5.10.2. **Visibility of light other than red towards the rear of a vehicle**

**With the exception of a reversing lamp, cornering lamp and direction indicator lamp, there must be no direct visibility of the apparent surface of a lamp capable of projecting or retro-reflecting light of any colour other than red if viewed by an observer moving within Zone 2 as specified in annex 4."**

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**B. JUSTIFICATION**

This document was developed as a response to informal document No. GRE-52-6 tabled by the expert from the United Kingdom, in which the problem of reflecting light of questionable colour was raised. It also expands the French proposal adopted during the forty-second GRE (TRANS/WP.29/2004/51). The French proposal addressed only the visibility of red light projected through the apparent surface of a lamp; this Canadian proposal would prohibit the projection through the apparent surface of a lamp of any colour other than white towards the front of a vehicle.

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