

Proposed amendments to ECE/TRANS/WP29/GRE/2006/15

REGULATION No. 48
(Installation of lighting and light-signalling devices)

The modifications to E/ECE/TRANS/WP29/GRE/2006/15 are marked in **bold** or ~~striketrough~~ characters.

A. PROPOSAL

Insert a new paragraph 6.1.7.4., to read:

"6.1.7.4. Where the main-beam headlamps have a system to reduce the illumination according to paragraph 6.1.9.3. below, it must be possible to switch the system "on" and "off" manually."

Insert a new paragraph 6.1.9.3., to read:

"6.1.9.3. The illumination produced by the main-beam headlamps may be **automatically** reduced under the following conditions:

- the reduction of illumination is provided by an electronic light source control gear;
- the ~~photometric and~~ colorimetric requirements for the main-beam headlamps are fulfilled;
- ~~the reduction of illumination is not possible if~~ the vehicle speed is **in forward motion less than [40km/h]."**

Paragraph 6.2.7., add at the end the following sentence to read:

"

Where the dipped-beam headlamps have a system to reduce the illumination according to paragraph 6.2.9.3. below, it must be possible to switch the system "on" and "off" manually."

Paragraph 6.2.9., add at the end the following text to read:

"

The illumination produced by the dipped-beam headlamps may be **automatically** reduced the following conditions:

- the reduction of illumination is provided by an electronic light source control gear;
- the ~~photometric and~~ colorimetric requirements for the dipped-beam headlamps are fulfilled;

- ~~the reduction of illumination is not possible if the vehicle speed is in forward motion less than [40km/h].~~

Annex 1, insert a new item 10.4., to read:

"10.4. System for reduction of illumination: yes/no 2/"

B. JUSTIFICATION

The proposal is intended to cover systems which automatically reduce the illumination provided by main-beam and/or dipped-beam headlamps when the vehicle is at **reduced speed or** standstill, with the objective of saving energy.

Particular provisions have been inserted to ensure correct system function and performance.
