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World Forum for Harmonization of Vehicle Regulations

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Item 4.2.31 of the provisional agenda

1958 AGREEMENT

Consideration of draft amendments to existing Regulations

Proposal for Supplement 4 to Regulation No. 119
(Cornering lamps)

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

The text reproduced below was adopted by GRE at its fifty-ninth session. It is based on ECE/TRANS/WP.29/GRE/2008/12, amended by paragraph 47 to the report. It is submitted to WP.29 and AC.1 for consideration (ECE/TRANS/WP.29/GRE/59, para. 47).

*/ 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.

Paragraph 3.4., amend to read:

"3.4. in the case of lamps with an electronic light source control gear and/or non-replaceable light sources and/or light source module(s), bear the marking of the rated voltage or range of voltage and rated maximum wattage."

Insert new paragraphs 3.6. and 3.7., to read:

"3.6. Lamps operating at voltages other than the nominal rated voltages of 6 V, 12 V or 24 V respectively, by the application of an electronic light source control gear being not part of the lamp, must also bear a marking denoting the rated secondary design voltage.

3.7. An electronic light source control gear being part of the lamp but not included into the lamp body shall bear the name of the manufacturer and its identification number."

Paragraph 7.1., amend to read:

"7.1. All measurements shall be carried out with uncoloured standard filament lamps of the types prescribed for the device, adjusted to produce the reference luminous flux prescribed for those types of filament lamps, when not supplied by an electronic light source control gear."

Paragraph 7.1.1., should be deleted.

Insert new paragraphs 7.2. to 7.5., including the reference to footnote 3/ and footnote 3/, to read:

"7.2. All measurements on lamps equipped with non-replaceable light sources (filament lamps and other) shall be made at 6.75 V, 13.5 V or 28.0 V respectively, when not supplied by an electronic light source control gear.

7.3. In the case of a system that uses an electronic light source control gear being part of the lamp 3/, all measurements, photometric and colorimetric, shall be made applying at the input terminals of the lamp a voltage of 6.75 V, 13.5 V or 28.0 V respectively.

7.4. In the case of a system that uses an electronic light source control gear not being part of the lamp the voltage declared by the manufacturer shall be applied to the input terminals of the lamp. The test laboratory shall require from the applicant the light source control gear needed to supply the light source and the applicable functions.

The voltage to be applied to the lamp shall be noted in the communication form in Annex 1 of this Regulation.

3/ For the purpose of this Regulation "being part of the lamp" means to be physically included in the lamp body or to be external, separated or not, from the lamp body but supplied by the lamp manufacturer as part of the lamp system.

7.5. For any lamp except those equipped with filament lamps, the luminous intensities, measured after one minute and after 30 minutes of operation, shall comply with the minimum and maximum requirements. The luminous intensity distribution after one minute of operation can be calculated from the luminous intensity distribution after 30 minutes of operation by applying at each test point the ratio of luminous intensities measured at HV after one minute and after 30 minutes of operation."

Paragraph 8.2., amend to read:

"8.2. The colour of the light emitted inside the field of the light distribution grid defined in paragraph 2. of Annex 3 shall be within the limits of the coordinates prescribed in Annex 4 to this Regulation.

It shall be measured under the conditions as prescribed in paragraph 7. Outside this field, no sharp variations of colour shall be observed."

Annex 1, item 9., amend to read (including the reference to a new footnote 2/ and new footnote 2/, the reference to footnote 2/ (former) renumber as footnote 3/):

"9. Concise description:
By category of lamp:
Number, category and kind of light source(s): 2/
Voltage and wattage:
Light source module: yes/no 3/
 Light source module specific identification
 code:.....

Application of an electronic light source control gear:
 (a) being part of the lamp yes/no 3/
 (b) being not part of the lamp yes/no 3/

Input voltage supplied by an electronic light source control gear:

Electronic light source control gear manufacturer and identification number (when the light source control gear is part of the lamp but is not included into the lamp body):

Geometrical conditions of installation and relating variations, if any:....."

2/ For cornering lamps with non-replaceable light sources indicate the number and total wattage of the light sources used.