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PROPOSAL FOR SUPPLEMENT 8 TO REGULATION No. 87

(Daytime running lamps)

Transmitted by the Working Party on Lighting and Light-Signalling (GRE)

Note: The text reproduced below was adopted by GRE at its fifty-fifth session, and is transmitted for consideration to WP.29 and to AC.1 (TRANS/WP.29/GRE/55, para. 32). It is based on document TRANS/WP.29/GRE/2004/42, not amended.

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Paragraph 4.3., amend to read:

"4.3. 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 4.6. and 4.7., to read:

"4.6. 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.

4.7. 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."

Insert a new paragraph 6.4., to read:

"6.4. Daytime running lamps, which are reciprocally incorporated with another function, using a common light source, and designed to operate permanently with an electronic light source control gear to regulate the intensity of the light emitted, are permitted."

Paragraph 9., amend to read:

"9. COLOUR OF LIGHT

The colour of the light shall be white. It shall be measured under the conditions as prescribed in paragraph 10. below.

The colour must be within the limits of the trichromatic co-ordinates prescribed in Annex 4 to this Regulation."

Paragraphs 10. to 10.2., amend to read (inserting a new footnote 2/):

"10. TEST PROCEDURE

10.1. All measurements, photometric and colorimetric, shall be made with a colourless standard filament lamp of the category prescribed for the device, the supply voltage being so regulated as to produce the reference luminous flux required for that category of lamp, when not supplied by an electronic light source control gear.

10.2. In the case of a system that uses an electronic light source control gear being part of the lamp 2/, 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.

Insert new paragraphs 10.3. and 10.4., to read:

2/ 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."

"10.3. 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 manufacturer 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.

10.4. 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 10.3. (former), renumber as paragraph 10.5.

Annex 1, item 9., amend to read (existing footnotes 2/ and 3/ not modified):

"9. Concise description:
By category of lamp:
Number, category and kind of light source(s): 3/.....
Voltage and wattage: .....

Application of an electronic light source control gear:
- being part of the lamp yes/no 2/
- being not part of the lamp yes/no 2/

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):
....."

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