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Economic Commission for Europe**Inland Transport Committee****World Forum for Harmonization of Vehicle Regulations****Working Party on Lighting and Light-Signalling****Seventy-sixth session**

Geneva, 25–28 October 2016

Item 4 of the provisional agenda

Simplification of lighting and light-signalling Regulation**Proposal for a collective amendment to Regulations Nos. 4, 6, 7, 23, 38, 50, 77, 87, 91 and 119****Submitted by the expert from the International Automotive Lighting and Light Signalling Expert Group (GTB)***

The text reproduced below was prepared by the expert from GTB to harmonize the requirement for the marking of wattage for signal lighting functions with the requirement for lighting functions. The modifications to the existing text of the Regulation are marked in bold for new or strikethrough for deleted characters.

* In accordance with the programme of work of the Inland Transport Committee for 2014–2018 (ECE/TRANS/240, para. 105 and ECE/TRANS/2014/26, programme activity 02.4), the World Forum will develop, harmonize and update Regulations in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate.



I. Proposal

A. Supplement 18 to the 00 series of amendments to Regulation No. 4 (Illumination of rear registration plates)

Paragraph 3.3., amend to read:

"3.3. In the case of lamps with non-replaceable light sources or light source module(s), the marking of rated voltage ~~of or~~ the range of voltage, ~~and the rated wattage;~~"

Paragraph 3.5.3., amend to read:

"3.5.3. The marking of the rated voltage ~~and rated wattage.~~"

B. Supplement 27 to the 01 series of amendments to Regulation No. 6 (Direction indicators)

Paragraph 3.4., amend to read:

"3.4. In **the** case of lamps with an electronic light source control gear or a variable intensity control 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.~~"

Paragraph 3.5.3., amend to read:

"3.5.3. The marking of the rated voltage or range of voltage ~~and rated maximum wattage.~~"

C. Supplement 26 to the 02 series of amendments to Regulation No. 7 (Position, stop and end-outline lamps)

Paragraph 3.4., amend to read:

"3.4. In the case of lamps with an electronic light source control gear or a variable intensity control and/or non-replaceable light sources and/or light source module(s), ~~must~~ **shall** bear the marking of the rated voltage or range of voltage ~~and rated maximum wattage;~~"

Paragraph 3.6.3., amend to read:

"3.6.3. The marking of the rated voltage or range of voltage ~~and rated maximum wattage.~~"

D. Supplement 21 to the 00 series of amendments to Regulation No. 23 (Reversing lamps)

Paragraph 3.5., amend to read:

"3.5. In the case of lamps with non-replaceable light sources or light source module(s), bear the marking of rated voltage or the range of voltage ~~and the rated wattage;~~"

Paragraph 3.6.3., amend to read:

"3.6.3. The marking of the rated voltage ~~and rated wattage.~~"

**E. Supplement 18 to the 00 series of amendments to Regulation No. 38
(Rear fog lamps)**

Paragraph 3.4., amend to read:

"3.4. In the case of lamps with an electronic light source control gear or a variable intensity control 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.~~"

Paragraph 3.5.3., amend to read:

"3.5.3. The marking of the rated voltage or range of voltage ~~and rated maximum wattage.~~"

**F. Supplement 19 to the 00 series of amendments to Regulation No. 50
(Position, stop, direction indicator lamps for mopeds and motorcycles)**

Paragraph 4.3., amend to read:

"4.3. Lamps with non-replaceable light sources or light source module(s) shall bear the marking of rated voltage or the range of voltages, ~~and the rated wattage.~~"

Paragraph 4.4.3., amend to read:

"4.4.3. The marking of the rated voltage **or range of voltage** ~~and rated wattage.~~"

**G. Supplement 17 to the 00 series of amendments to Regulation No.77
(Parking lamps)**

Paragraph 4.1.3., amend to read:

"4.1.3. In the case of lamps with non-replaceable light sources or light source module(s), the marking of rated voltage or the range of voltages, ~~and the rated wattage.~~"

Paragraph 4.3.3., amend to read:

"4.3.3. The marking of the rated voltage ~~and rated wattage.~~"

**H. Supplement 19 to the 00 series of amendments to Regulation No. 87
(Daytime running lamps)**

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.~~"

Paragraph 4.5.3., amend to read:

"4.5.3. The marking of the rated voltage ~~and rated wattage.~~"

**I. Supplement 16 to the 00 series of amendments to Regulation No. 91
(Side-marker lamps)**

Paragraph 4.5., amend to read:

"4.5. In the case of lamps with non-replaceable light sources or light source module(s), shall bear the marking of rated voltage or the range of voltages, ~~and the rated wattage.~~"

Paragraph 4.6.3., amend to read:

"4.6.3. The marking of the rated voltage (~~and rated wattage~~)."

**J. Supplement 5 to the 01 series of amendments to Regulation No. 119
(Cornering lamps)**

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.~~"

Paragraph 3.5.3., amend to read:

"3.5.3. The marking of the rated voltage ~~and rated wattage.~~"

II. Justification

This proposal removes the requirement to indicate the rated wattage in the marking of lamps equipped with electronic light source control gear and/or non-replaceable light sources and/or light source module(s). From an electronic point of view, the information of the wattage brings no benefit and is confusing if the same module is used in different systems and at different wattages.
