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PROPOSAL FOR DRAFT SUPPLEMENT 8
TO THE 02 SERIES OF AMENDMENTS TO REGULATION No. 48

(Installation of lighting and light-signalling devices)

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

Note: The text reproduced below was adopted by GRE at its fiftieth session and is transmitted for consideration to WP.29 and AC.1.

It is based on document TRANS/WP.29/GRE/2001/31/Rev.1, paras. 2.7.1. to 2.7.1.3. only, and on the text of the report (TRANS/WP.29/GRE/50, paras. 7,13 and 14).

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<http://www.unece.org/trans/main/welcwp29.htm>

Paragraphs 2.7.1. to 2.7.1.3., amend to read :

"2.7.1. Light source */

2.7.1.1. "Light source" means one or more elements for visible radiation, which may be assembled with one or more transparent envelopes and with a base for mechanical and electrical connection.

A light source may also be constituted by the extreme outlet of a light-guide, as part of a distributed lighting or light-signalling system not having a built-in outer lens;

2.7.1.1.1. "Replaceable light source" means a light source which is designed to be inserted in and removed from the holder of its device without tool;

2.7.1.1.2. "Non-replaceable light source" means a light source which can only be replaced by replacement of the device to which this light source is fixed;

in case of a light source module: a light source which can only be replaced by replacement of the light source module to which this light source is fixed;

2.7.1.1.3. "Light source module" means an optical part of a device which is specific to that device, is containing one or more non-replaceable light sources, and is only removable from its device with the use of tool(s);

2.7.1.1.4. "Filament light source" (filament lamp) means a light source where the element for visible radiation is one or more heated filaments producing thermal radiation;

2.7.1.1.5. "Gas-discharge light source" means a light source where the element for visible radiation is a discharge arc producing electro-luminescence / fluorescence;

2.7.1.1.6. "Light-emitting diode" (LED) means a light source where the element for visible radiation is one or more solid state junctions producing injection-luminescence / fluorescence;

2.7.1.2. "Electronic light source control gear" means one or more components between supply and light source to control voltage and/ or electrical current of the light source;

2.7.1.2.1. "Ballast" means an electronic light source control gear between supply and light source to stabilise the electrical current of a gas-discharge light source;

2.7.1.2.2. "Ignitor" means an electronic light source control gear to start the arc of a gas-discharge light source.

*/ For clarification see annex 10

2.7.1.3. "Objective luminous flux" means a design value of the luminous flux of a replaceable light source. To be achieved, within the specified tolerances, when the replaceable light source is energized by the power supply at the specified test voltage as indicated in the data sheet of the light source."

Paragraph 6.7.1., amend to read :

"6.7.1. Presence

Devices of S1 or S2 categories : mandatory on all categories of vehicles.

Devices of S3 category : mandatory on M1 and N1 categories of vehicles,
except for chassis-cabs and those N1 category
vehicles with open cargo space;
optional on other categories of vehicles"
