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**ECONOMIC COMMISSION FOR EUROPE**

INLAND TRANSPORT COMMITTEE

World Forum for Harmonization of Vehicle Regulations (WP.29)

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

(Installation of lighting and light-signalling devices)

Note : The text reproduced below was adopted by the Administrative Committee (AC.1) of the amended 1958 Agreement at its twenty-fifth session, following the recommendation by WP.29 at its one-hundred-and-thirty-first session. It is based on document TRANS/WP.29/2003/61, as amended (TRANS/WP.29/953, para. 116).

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Paragraphs 2.7.1., amend to read :

"2.7.1.        Light source \*/

2.7.1.1.1.    "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.

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\*/ For clarification see annex 10

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"

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