



**Economic and Social
Council**

Distr.
GENERAL

TRANS/WP.29/GRE/2001/31/Rev.2
19 January 2004

ENGLISH
Original: ENGLISH
ENGLISH AND FRENCH ONLY

ECONOMIC COMMISSION FOR EUROPE

INLAND TRANSPORT COMMITTEE

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

Working Party on Lighting and Light-Signalling (GRE)

(Fifty-second session, 30 March - 2 April 2004,
agenda item 2.1.)

PROPOSAL FOR DRAFT AMENDMENTS TO REGULATION No. 48

(Installation of lighting and light-signalling devices)

Transmitted by the expert from the Working Party "Brussels 1952" (GTB)

Note: The text reproduced below was prepared by the expert from GTB, in order to introduce into the Regulation the remaining provisions concerning Distributed Lighting Systems (DLS).

Note: This document is distributed to the Experts on Lighting and Light-Signalling only.

GE.04-20306

Paragraph 2.6., amend to read:

"2.6. "Device" means an element or an assembly of elements used to perform one or more functions. A device may also be constituted by the extreme outlet of a light-guide, as part of a distributed lighting or light-signalling system, or another light source, having a built-in outer lens."

Insert new paragraphs 2.7.28. and 2.7.29., to read:

"2.7.28. "Light transmitting component" means any part of a lamp or lamp system which transmits luminous flux;

2.7.28.1. "Light-guide" means a light transmitting component based on defraction / reflection;

2.7.29. "Distributed lighting system" or "distributed light-signalling system" (DLS) means a lamp or lamp system comprising a light-generator, light-guide(s) and outer lens(es); */

2.7.29.1. "Light-generator" means an optical device which is a component of a distributed lighting or light-signalling system that collects the luminous flux emitted by the light source(s) and distributes it into one or more light-guides. A light-generator is to be considered a light transmitting component."

Paragraph 3.2.2., amend to read:

"3.2.2. a list of the devices or of the DLS prescribed by the manufacturer for the lighting and light-signalling assembly. The list may include several types of devices for each operation or several DLS. Each type must be duly identified (component / system, type approval mark, name of the manufacturer, etc.); in addition the list may include in respect of each function the additional annotation "or equivalent devices"."

Paragraph 3.2.3., amend to read:

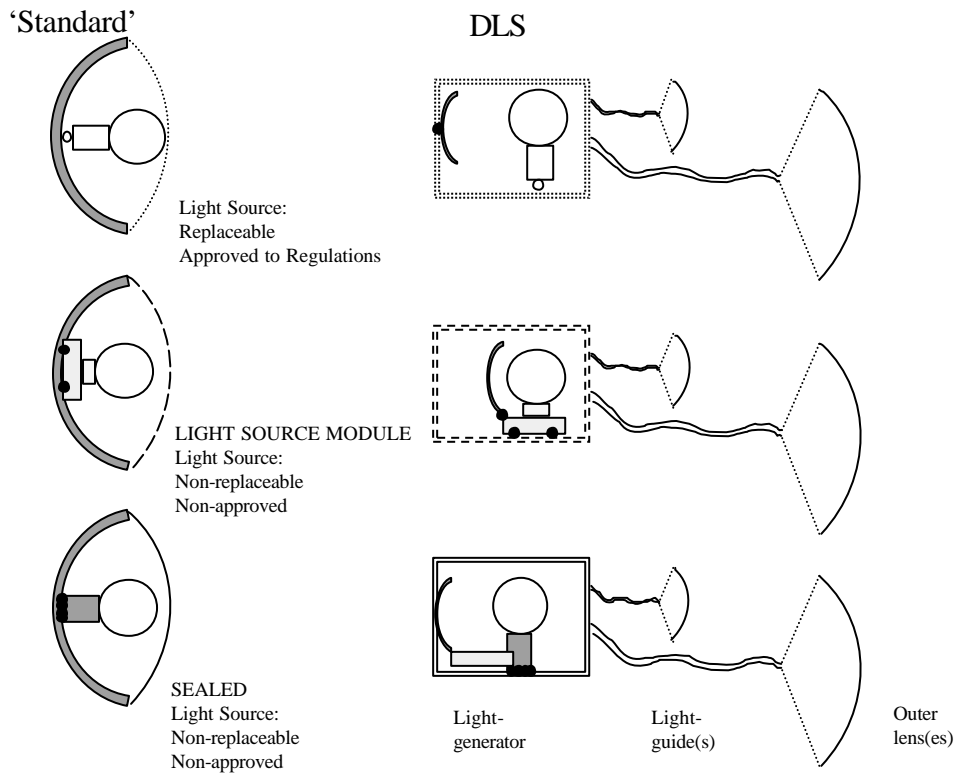
"3.2.3. a layout drawing of the lighting and light-signalling equipment as a whole, showing the position of the various devices on the vehicle; in addition, in the case where a distributed lighting and light-signalling system is fitted, the layout of the system showing the position of its various components (light generator(s), light-guide(s), etc.) in the vehicle;"

*/ For clarification see annex 10

Insert a new annex 10, to read:

"Annex 10

EXAMPLES OF LIGHT SOURCE OPTIONS



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