

agenda item 2.1.

The text reproduced below based on Document TRANS/WP.29/GRE/2001/29 from 18 July 2001 and was prepared by the expert from Germany in order to consider the possibility of using changeable "light source modules" instead of non-replaceable light sources, but in a more safer way.

A. PROPOSAL

Paragraph 1.6., amend to read:

"1.6. "Front and rear position (side) lamps, stop-lamps and end-outline marker lamps" means lamps, which differ in each said category in such essential respects as:

The trade name or mark,

The characteristics of the optical system, (levels of intensity, light distribution angles, type of filament lamp, **light source module**, etc.),

The system used to reduce illumination at night - in the case of stop-lamps with two levels of intensity."

Paragraph 2.2.1., amend to read:

"..... in relation to the circle of the approval mark;

In case of a light source module(s) the approval mark of the signalling device, ~~or the part number, or the specific identification of the~~ shall be stated on the module shall be stated. The drawing shall contain sufficient details to identify the module ~~it~~ and the position intended for the approval mark, ~~or the part number, or the specific identification~~ [and the trademark of the applicant]."

Paragraph 3.2., amend to read:

"3.2. shall bear a clearly legible and indelible:

3.2.1. marking indicating the category or categories of the filament lamp(s) prescribed, **in the case of a replaceable light source(s);**

~~3.2.2. — part number or the specific identification in the case of application of a light source module(s);"~~

Paragraph 3.4., amend to read:

"3.4. In the case of lamps with non-replaceable light sources, **or light source module(s), the lamp shall** bear the marking of the rated voltage."

Insert new paragraphs 3.5. to 3.5.3., to read:

"3.5. **Light source module(s) submitted along with the approval of lamp device:**

- 3.5.1. Shall bear the trade name or mark of the applicant; this marking must be clearly legible and indelible;
- 3.5.2. Shall comprise a space of sufficient size for the approval marking and the additional symbols prescribed in paragraph 4.2 below; this space shall be shown in the drawings mentioned in paragraph 2.2.1. above, ~~or must bear a part number or the specific identification~~ which will identify the "lamp unit" with which it is used;
- 3.5.3. Shall be marked with the rated voltage "
Insert new paragraphs 5.5. and 5.6., to read:

"5.5 Light source module

5.5.1. The interchangeability of light source modules shall be secure and safe in position, orientation and fixation."

5.6. The light source module(s) shall be tamperproof and/or modification protected."

Annex 2,

Item 9., amend to read:

9. Concise description: 3/

By category of lamp:

Colour of light emitted: red / selective yellow / white 2/

Number and category(ies) of filament lamps:

Light source module: Yes / No 2/

~~part number or the specific identification:~~"

* * *

B. JUSTIFICATION

At the application of non-replaceable light sources the lamp unit must be changed completely in the case of failure. For saving costs and resources, industry asks for the possibility of the application of changeable light source modules. This introduces the possibility to replace a defect module only and not the complete lamp device, which is a main environmental aspect, also with regard to the recycling requirements.

In line with the above, GTB proposes the above modifications, which refer to Regulation No. 7.

This proposal was approved by GTB at its ninety-first session, held in Rome from 9 to 11 May 2001.

In the meantime the following discussions e.g. in the GTB Working Group Photometry or with representatives of the light source industry has shown that there are quite a number of persons, which have serious doubts about the idea of introducing light source modules.

~~It must be clearly underlined that the light source module shall be a legal part of the type approval of the lamp device, therefore solely the responsibility of the device manufacturer who is the holder of the approval.~~

~~Consequently only the approval mark can guarantee that the responsibility and the certainty of justice is unambiguous given.~~