



**Economic and Social  
Council**

Distr.  
RESTRICTED

TRANS/WP.29/GRE/2003/13  
27 January 2003

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)

(Fiftieth session, 7-11 April 2003,  
agenda item 6.9.)

Draft collective amendments to  
Regulations Nos. 4, 6, 7, 23, 38, 50, 77, 87, 91, and draft Regulation on "Cornering lamps"  
with regard to the introduction of requirements about "light source modules"

Transmitted by the expert from Italy

Note: The text reproduced below was prepared by the expert from Italy with the aim of extending the provisions regarding "light source modules" for Regulation No. 7 to the other Regulations on lighting and light signalling devices (TRANS/WP.29/GRE/49 – paras. 28-30). The proposed changes are in **bold** characters.

---

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

## A. PROPOSAL

ECE REGULATION No. 4 - Rear registration plate lamp

Add a new paragraph 1.3., to read:

**"1.3. "Rear registration plate lamps of different types" means lamps which differ in such essential respects as:**

- **the trade name or mark;**
- **the characteristics of the optical system, (levels of intensity, light distribution angles, category of filament lamp, light source module, etc.);**
- **the angle of incidence of the light on the surface of the plate."**

Paragraph 2.(b)., amend to read:

**"(b) a brief technical description stating in particular, with the exception of lamps with non-replaceable light sources:**

- **the category or categories of filament lamp prescribed; this filament lamp category shall be one of those contained in Regulation No. 37; [and/] or**
- **the light source module specific identification code;"**

Paragraph 3., amend to read:

**"3. MARKINGS**

illuminating devices submitted for approval must bear:

- 3.1. the trade name or mark of the maker or manufacturer of the illuminating device;**
- 3.2. a space of sufficient size for the approval mark; this space shall be shown in the drawings mentioned in paragraph 2(a) above.**
- 3.3. in the case of lamps with non-replaceable light sources or light source module(s), the marking of the rated voltage and the rated wattage;**
- 3.4. with the exception of lamps with non-replaceable light sources it must bear a clearly legible and indelible marking indicating:**
  - **the category or categories of filament lamp(s) prescribed; and/or**
  - **the light source module specific identification code."**
- 3.5. Light source module(s) submitted along with the approval of lamp must bear:**
  - 3.5.1. the trade name or mark of the applicant; this marking must be clearly legible and indelible;**
  - 3.5.2. the specific identification code of the module; this marking must be clearly legible and indelible.**

**This specific identification code shall comprise the starting letters "MD" for "MODULE" followed by the approval marking without the circle as prescribed in paragraph 4.4.1. below; this specific identification code shall be shown in the drawings mentioned in paragraph 2(a) above. The approval marking does not have to be the same as the one on the lamp in which the module is used, but both markings shall be from the same applicant.**
  - 3.5.3. the marking of the rated voltage [and rated wattage]"**

Add new paragraphs 5.4., 5.4.1. and 5.4.2., to read:

**"5.4. Light source module**

**5.4.1. The design of the light source module shall be such that after replacement the light source module is secure and safe in position, orientation and fixing.**

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

Annex 1, insert a new Figure 3 - Model E, to read:

**"Figure 3  
Light source modules**

**Model E**

**MD E3 17325**

**The light source module bearing the identification code shown above has been approved together with a lamp approved in Italy (E3) under approval number 17325."**

Annex 2, item 9., amend to read:

"9. Concise description: 3/

Device for illuminating: a tall plate  
a wide plate  
a plate for agricultural or forestry tractor 2/

Number and category(ies) of filament lamp(s): .....

**Light source module:** ..... **yes/no 2/**

**Light source module specific identification code:** .....

Geometrical conditions of installation (position(s) and inclination(s) of the device in relation to the space to be occupied by the registration plate and/or different inclinations of this space): .....

\* \* \*

ECE REGULATION No. 6 - Direction indicator lamps

Paragraph 1.3., amend to read:

- "1.3. "Direction indicators of different types" **means lamps** which differ in such essential respects as:
- the trade name or mark;
  - the characteristics of the optical system (levels of intensity, light distribution angles, category of filament lamp, **light source module**, etc.);
  - the category of direction indicator **lamps**.
- The colour of the filament lamp or the colour of any filter does not constitute a change of type."

Paragraph 2.2.2., amend to read:

- "2.2.2. a brief technical description stating in particular, with the exception of lamps with non-replaceable light sources:
- the **category or** categories of filament lamp(s) prescribed; **this** filament lamp category shall be one of those contained in Regulation No. 37; [**and/**] **or**
  - **the light source module specific identification code.**"

Paragraph 3.2., amend to read:

- "3.2. **with the exception of lamps with non-replaceable light sources**, bear a clearly legible and indelible marking indicating:
- the category or categories of filament lamp(s) prescribed; **and/or**
  - **the light source module specific identification code.**"

Paragraph 3.4., amend to read:

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

Add new paragraphs 3.5., 3.5.1., 3.5.2. and 3.5.3., to read:

- "3.5. **Light source module(s) submitted along with the approval of lamp must bear:**
- 3.5.1. **the trade name or mark of the applicant; this marking must be clearly legible and indelible;**
- 3.5.2. **the specific identification code of the module; this marking must be clearly legible and indelible.**  
**This specific identification code shall comprise the starting letters "MD" for "MODULE" followed by the approval marking without the circle as prescribed in paragraph 4.2.1.1. below; this specific identification code shall be shown in the drawings mentioned in paragraph 2 2.1. above. The approval marking does not have**

to be the same as the one on the lamp in which the module is used, but both markings shall be from the same applicant.

**3.5.3. the marking of the rated voltage [and rated wattage]"**

Add new paragraphs 5.3., 5.3.1. and 5.3.2., to read:

**"5.3. Light source module**

**5.3.1. The design of the light source module(s) shall be such that after replacement the light source module is secure and safe in position, orientation and fixing.**

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

Annex 2, item 9., amend to read:

- "9. Concise description: 3/  
Category: 1, 1a, 1b, 2a, 2b, 3, 4, 5, 6 2/  
Number and category(ies) of filament lamp(s): .....  
**Light source module:** ..... **yes/no 2/**  
**Light source module specific identification code:** .....  
Only for limited mounting height of equal to or less than 750 mm above the  
the ground ..... **yes/no 2/**  
Geometrical conditions of installation and relating variations,  
if any: ..... "

Annex 3, insert at the end the following new example, to read:

**"Light source modules**

**MD E3 17325**

**The light source module bearing the identification code shown above has been approved together with a lamp approved in Italy (E3) under approval number 17325."**

\* \* \*

ECE REGULATION No. 7 - Front and rear position lamps, stop lamps and end-outline marker lamps

Paragraph 1.6., amend to read:

- "1.6. "Front and rear position 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, **category 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.
- The colour of the filament lamp or the colour of any filter does not constitute a change of type."**

Paragraph 2.2.2., amend to read:

- "2.2.2. A brief technical description stating, in particular, with the exception of lamps with non-replaceable light sources:
- the category or categories of filament lamp(s) prescribed; this filament lamp category shall be one of those contained in Regulation No. 37; **[and/] or**
  - **the light source module specific identification code.**
- In the case of a category S3 stop lamp, which is intended to be mounted inside the vehicle, the technical description shall contain the specification of the optical properties (transmission, colour, inclination, etc.) of the rear window(s)".

Paragraph 3.2., amend to read:

- "3.2. With the exception of lamps with non-replaceable light sources it must bear a clearly legible and indelible marking indicating:
- the category or categories of filament lamp(s) prescribed; **and/or**
  - **the light source module specific identification code."**

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 and rated wattage."

Add new paragraphs 3.6., 3.6.1., 3.6.2. and 3.6.3., to read:

- "3.6. **Light source module(s) submitted along with the approval of lamp must bear:**
- 3.6.1. **the trade name or mark of the applicant; this marking must be clearly legible and indelible;**
- 3.6.2. **the specific identification code of the module; this marking must be clearly legible and indelible.**
- This specific identification code shall comprise the starting letters "MD" for "MODULE" followed by the approval marking without the circle as prescribed in**

paragraph 4.2.1.1. below; this specific identification code shall be shown in the drawings mentioned in paragraph 2.2.1. above.

The approval marking does not have to be the same as the one on the lamp in which the module is used, but both markings shall be from the same applicant.

3.6.3. the marking of the rated voltage [and rated wattage]"

Add new paragraphs 5.6., 5.6.1. and 5.6.2., to read:

"5.6. **Light source module**

5.6.1. **The design of the light source module(s) shall be such that after replacement the light source module is secure and safe in position, orientation and fixing.**

5.6.2. **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:  
For mounting either outside or inside or both 2/  
Colour of light emitted: red / selective yellow / white 2/  
Number and category(ies) of filament lamp(s): .....  
Special supply voltage: ..... Volts  
Application of additional supply system yes/no 2/  
Specification of this supply system .....  
Switched power supply:  
- Duty cycle: ..... peak to peak voltage: .....  
- and/or effective voltage ..... Volts  
**Light source module: yes/no 2/**  
**Light source module specific identification code: ..... ..**  
Geometrical conditions of installation and relating variations;  
if any: .....  
Only for limited mounting height of equal to or less than 750 mm above  
the ground yes/no 2/ "

Annex 3, insert a new example 7., to read:

"7. **Light source modules**

**MD E3 17325**

**The light source module bearing the identification code shown above has been approved together with a lamp approved in Italy (E3) under approval number 17325."**

\* \* \*

ECE REGULATION No. 23 - Reversing lamp

Paragraph 1.3., amend to read:

- "1.3. "Reversing lamps of different types" means lamps which differ in such essential respects as:
- the trade name or mark;
  - the characteristics of the optical system, (**levels of intensity, light distribution angles, category of filament lamp, light source module, etc.**);
  - ~~[- the inclusion of components capable of altering the optical effects by reflection, refraction or absorption;]~~
- The colour of the filament lamp or the colour of any filter does not constitute a change of type."**

Paragraph 2.2.2., amend to read:

- "2.2.2. a brief technical description stating, in particular, with the exception of lamps with non-replaceable light sources:
- the category or categories of filament lamp(s) prescribed; this filament lamp category shall be one of those contained in Regulation No. 37; **[and/] or**
  - **the light source module specific identification code."**

Paragraph 3.2., amend to read:

- "3.2. **with the exception of lamps with non-replaceable light sources** bear a clearly legible and indelible marking indicating:
- the category or categories of filament lamp(s) prescribed; **and/or**
  - **the light source module specific identification code."**

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 the rated voltage and rated wattage."

Add new paragraphs 3.6., 3.6.1., 3.6.2. and 3.6.3., to read:

"3.6. **Light source module(s) submitted along with the approval of lamp must bear:**

3.6.1. **the trade name or mark of the applicant; this marking must be clearly legible and indelible;**

3.6.2. **the specific identification code of the module; this marking must be clearly legible and indelible.**

**This specific identification code shall comprise the starting letters "MD" for "MODULE" followed by the approval marking without the circle as prescribed in paragraph 4.3.1.1. below; this specific identification code shall be shown in the**



drawings mentioned in paragraph 2.2.1. above. The approval marking does not have to be the same as the one on the lamp in which the module is used, but both markings shall be from the same applicant.

3.6.3. the marking of the rated voltage [and rated wattage]."

Add new paragraphs 5.3., 5.3.1. and 5.3.2., to read:

"5.3. **Light source module**

5.3.1. **The design of the light source module(s) shall be such that after replacement the light source module is secure and safe in position, orientation and fixing.**

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

Annex 1, item 9., amend to read:

"9. Concise description:  
Number and category(ies) of filament lamp(s): .....  
**Light source module:** ..... **yes/no 2/**  
**Light source module specific identification code:** .....  
Geometrical conditions of installation and relating variations;  
if any: ....."

Annex 2, insert a new Figure 3, to read:

**"Figure 3**  
**Light source modules**

**MD E3 17325**

**The light source module bearing the identification code shown above has been approved together with a lamp approved in Italy (E3) under approval number 17325."**

\* \* \*

ECE REGULATION No. 38 - Rear fog lamp

Paragraph 1.3., amend to read:

- "1.3. "Rear fog lamps of different types" **means** lamps which differ in such essential respects as:
- the trade name or mark;
  - the characteristics of the optical system, **(levels of intensity, light distribution angles, category of filament lamp, light source module, etc.)**,  
The colour of the filament lamp or the colour of any filter does not constitute a change of type."

Paragraph 2.2.2., amend to read:

- "2.2.2. a brief technical description stating, in particular, with the exception of lamps with non-replaceable light sources:
- the category or categories of filament lamp(s) prescribed; this filament lamp category shall be one of those contained in Regulation No. 37; **[and/] or**
  - **the light source module specific identification code."**

Paragraph 3.2., amend to read:

- "3.2. **with the exception of lamps with non-replaceable light sources** bear a clearly legible and indelible marking indicating:
- the category or categories of filament lamp prescribed; **and/or**
  - **the light source module specific identification code."**

Paragraph 3.4., amend to read:

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

Add new paragraphs 3.5., 3.5.1., 3.5.2. and 3.5.3., to read:

- "3.5. **Light source module(s) submitted along with the approval of lamp must bear:**
- 3.5.1. **the trade name or mark of the applicant; this marking must be clearly legible and indelible;**
- 3.5.2. **the specific identification code of the module; this marking must be clearly legible and indelible.**  
**This specific identification code shall comprise the starting letters "MD" for "MODULE" followed by the approval marking without the circle as prescribed in paragraph 4.3.1.1. below; this specific identification code shall be shown in the drawings mentioned in paragraph 2.2.1. above. The approval marking does not have to be the same as the one on the lamp in which the module is used, but both markings shall be from the same applicant.**

**3.5.3. the marking of the rated voltage [and rated wattage]."**

Add new paragraphs 5.3., 5.3.1. and 5.3.2., to read:

**"5.3. Light source module**

**5.3.1. The design of the light source module(s) shall be such that after replacement the light source module is secure and safe in position, orientation and fixing.**

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

Annex 1, item 9., amend to read:

"9. Concise description: 3/  
Number and category(ies) of filament lamp(s): .....  
**Light source module:** ..... **yes/no 2/**  
**Light source module specific identification code:** .....  
Geometrical conditions of installation and relating variations;  
if any: ..... "

Annex 2, insert a new Figure 3, to read:

**"Figure 3  
Light source modules**

**MD E3 17325**

**The light source module bearing the identification code shown above has been approved together with a lamp approved in Italy (E3) under approval number 17325."**

\* \* \*

ECE REGULATION No. 50 - Front and rear position lamp, stop lamps, direction indicator lamps and rear registration plate lamps for mopeds, motorcycles and vehicles treated as such

Paragraph 2.2., amend to read:

- "2.2. "Front position lamps, rear position lamps, stop lamps, direction indicator **lamps** and rear-registration-plate illuminating **devices** of different types" 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, **category of the filament lamp, light source module**, etc.),
- The colour of the filament lamp or the colour of any filter does not constitute a change of type."

Paragraph 3.2.2., amend to read:

- "3.2.2. a brief technical description stating, in particular, with the exception of lamps with non-replaceable light sources:
- the category or categories of filament lamp(s) prescribed; this filament lamp category shall be one of those contained in Regulation No. 37; **[and/] or**
  - **the light source module specific identification code."**

Paragraph 4.1.2., amend to read:

- "4.1.2. **with the exception of lamps with non-replaceable light sources, a clearly legible and indelible marking indicating:**
- the category or categories of filament lamp(s) prescribed; **and/or**
  - **the light source module specific identification code."**

Paragraph 4.3., amend to read:

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

Add new paragraphs 4.4., 4.4.1., 4.4.2. and 4.4.3., to read:

- "4.4. **Light source module(s) submitted along with the approval of lamp must bear:**
- 4.4.1. **the trade name or mark of the applicant; this marking must be clearly legible and indelible;**
- 4.4.2. **the specific identification code of the module; this marking must be clearly legible and indelible.**  
**This specific identification code shall comprise the starting letters "MD" for "MODULE" followed by the approval marking without the circle as prescribed in paragraph 5.5.1. below; this specific identification code shall be shown in the**

drawings mentioned in paragraph 3.2.1. above. The approval marking does not have to be the same as the one on the lamp in which the module is used, but both markings shall be from the same applicant.

4.4.3. the marking of the rated voltage [and rated wattage]."

Add new paragraphs 6.3., 6.3.1. and 6.3.2., to read:

"6.3. Light source module

6.3.1. The design of the light source module(s) shall be such that after replacement the light source module is secure and safe in position, orientation and fixing.

6.3.2. 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 / amber 2/  
Number and category(ies) of filament lamp(s): .....  
**Light source module:** ..... **yes/no 2/**  
**Light source module specific identification code:** .....  
Geometrical conditions of installation and relating variations,  
if any: ....."

Annex 3, insert a new example, to read:

**"Light source modules**

**MD E3 17325**

**The light source module bearing the identification code shown above has been approved together with a lamp approved in Italy (E3) under approval number 17325."**

\* \* \*

ECE REGULATION No. 77 - Parking lamps

Paragraph 2.3., amend to read:

- "2.3. "Parking lamps of different types" means lamps which differ in such essential respects as:
- the trade name or mark,
  - the characteristics of the optical system (**levels of intensity, light distribution angles, category of filament lamp, light source module, etc.**);
- The colour of the filament lamp or the colour of any filter does not constitute a change of type."

Paragraph 3.2.1., amend to read:

- "3.2.1. a brief technical description stating, in particular, with the exception of lamps with non-replaceable light sources:
- the **category or** categories of filament lamp(s) prescribed; **this** filament lamp category shall be one of those contained in Regulation No. 37; **[and/] or**
  - **the light source module specific identification code.**"

Paragraph 4.1.2., amend to read:

- "4.1.2. with the exception of lamps with non-replaceable light sources, a clearly legible and indelible marking indicating:
- the category or categories of filament lamp(s) prescribed; **and/or**
  - **the light source module specific identification code.**"

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 the rated voltage and rated wattage."

Add new paragraphs 4.3., 4.3.1., 4.3.2. and 4.3.3., to read:

"4.3. **Light source module(s) submitted along with the approval of lamp must bear:**

4.3.1. **the trade name or mark of the applicant; this marking must be clearly legible and indelible;**

4.3.2. **the specific identification code of the module; this marking must be clearly legible and indelible.**

**This specific identification code shall comprise the starting letters "MD" for "MODULE" followed by the approval marking without the circle as prescribed in paragraph 5.5.1. below; this specific identification code shall be shown in the drawings mentioned in paragraph 3.2.2. above. The approval marking does not have to be the same as the one on the lamp in which the module is used, but both markings shall be from the same applicant.**

**4.3.3. the marking of the rated voltage [and rated wattage]."**

Add new paragraphs 6.3., 6.3.1. and 6.3.2., to read:

**"6.3. Light source module**

**6.3.1. The design of the light source module(s) shall be such that after replacement the light source module is secure and safe in position, orientation and fixing.**

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

Annex 1, delete paragraphs 2 and 3 and renumber following paragraph accordingly.

Annex 1, item 9. (new numbering), amend to read:

"9. Concise description:  
**Colour of light emitted: red / white /amber 2/**  
**Number and category(ies) of filament lamp(s): .....**  
**Light source module: .....** **yes /no 2/**  
**Light source module specific identification code: .....**  
Geometric conditions of installation and relating variations,  
if any: ....."

Annex 2, insert a new example, to read:

**"Light source modules**

**MD E3 17325**

**The light source module bearing the identification code shown above has been approved together with a lamp approved in Italy (E3) under approval number 17325."**

\* \* \*

ECE REGULATION No. 87 - Daytime running lamps

Paragraph 2.5., amend to read:

- "2.5. "Daytime running lamps of different type" means lamps which differ in such essential respects as:
- the trade name or mark;
  - the characteristics of the optical system, (levels of intensity, light distribution angles, category of filament lamp, **light source module**, etc.);
- The colour of the filament lamp or the colour of any filter does not constitute a change of type."**

Paragraph 3.2.2., amend to read:

- "3.2.2. a brief technical description stating, in particular, with the exception of lamps with non-replaceable light sources:
- the category or categories of filament lamp(s) prescribed; this filament lamp category shall be one of those contained in Regulation No. 37; **[and/] or**
  - **the light source module specific identification code."**

Paragraph 4.2., amend to read:

- "4.2. **with the exception of lamps with non-replaceable light sources**, bear a clearly legible and indelible marking indicating:
- the category or categories of filament lamp(s) **prescribed; and/or**
  - **the light source module specific identification code."**

Paragraph 4.3., amend to read:

- "4.3. in the case of lamps with non-replaceable light sources **or light source module(s)**, bear the marking of the rated voltage and rated wattage."

Add new paragraphs 4.5., 4.5.1., 4.5.2. and 4.5.3., to read:

- "4.5. **Light source module(s) submitted along with the approval of lamp must bear:**
- 4.5.1. **the trade name or mark of the applicant; this marking must be clearly legible and indelible;**
- 4.5.2. **the specific identification code of the module; this marking must be clearly legible and indelible.**  
**This specific identification code shall comprise the starting letters "MD" for "MODULE" followed by the approval marking without the circle as prescribed in paragraph 5.2.1.1. below; this specific identification code shall be shown in the drawings mentioned in paragraph 3.2.1. above. The approval marking does not have**



to be the same as the one on the lamp in which the module is used, but both markings shall be from the same applicant.

4.5.3. the marking of the rated voltage [and rated wattage]."

Add new paragraphs 6.3., 6.3.1. and 6.3.2., to read:

"6.3. Light source module

6.3.1. The design of the light source module(s) shall be such that after replacement the light source module is secure and safe in position, orientation and fixing.

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

Annex 1, item 9., amend to read:

"9. Concise description:  
Number and category(ies) of filament lamp(s): 3/ .....  
**Light source module:** ..... yes/no 2/  
**Light source module specific identification code:** .....  
Geometric conditions of installation and relating variations,  
if any: ..... "

Annex 3, insert a new Figure 4, to read:

**"Figure 4  
Light source modules**

**MD E3 17325**

**The light source module bearing the identification code shown above has been approved together with a lamp approved in Italy (E3) under approval number 17325."**

\* \* \*

ECE REGULATION No. 91 - Side marker lamps

Paragraph 2.3., amend to read:

- "2.3. "Side-marker lamps of different types" means lamps which do not differ in such essential respects as:
- the trade name or mark;
  - the characteristics of the optical system (level of intensity, light distribution angles, category of filament lamp, **light source module**, etc.).
- The colour of the filament lamp or the colour of any filter does not constitute a change of type."

Paragraph 3.2.2., amend to read:

- "3.2.2. a brief technical description stating, in particular, with the exception of lamps with non-replaceable light sources:
- the category or categories of filament lamp(s) prescribed; this filament lamp category shall be one of those contained in Regulation No. 37; **[and/] or**
  - **the light source module specific identification code."**

Paragraph 4.3., amend to read:

- "4.3. **with the exception of lamps with non-replaceable light sources** must bear a clearly legible and indelible marking indicating:
- the category or categories of filament lamp(s) prescribed; **and/or**
  - **the light source module specific identification code."**

Paragraph 4.5., amend to read:

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

Add new paragraphs 4.6., 4.6.1., 4.6.2. and 4.6.3., to read:

- "4.6. **Light source module(s) submitted along with the approval of lamp must bear:**
- 4.6.1. **the trade name or mark of the applicant; this marking must be clearly legible and indelible;**
- 4.6.2. **the specific identification code of the module; this marking must be clearly legible and indelible.**  
**This specific identification code shall comprise the starting letters "MD" for "MODULE" followed by the approval marking without the circle as prescribed in paragraph 5.4.1.1. below; this specific identification code shall be shown in the drawings mentioned in paragraph 3.2.1. above. The approval marking does not have**

to be the same as the one on the lamp in which the module is used, but both markings shall be from the same applicant.

4.6.3. the marking of the rated voltage [and rated wattage]."

Add new paragraphs 6.3., 6.3.1. and 6.3.2., to read:

"6.3. Light source module

6.3.1. The design of the light source module(s) shall be such that after replacement the light source module is secure and safe in position, orientation and fixing.

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

Annex 2, item 9., amend to read:

"9. Concise description: 3/  
Colour of light emitted: amber / red 2/  
Number and category(ies) of filament lamp(s): .....  
**Light source module:** ..... **yes/no** 2/  
**Light source module specific identification code:** .....  
Geometrical conditions of installation and relating variations,  
if any: ..... "

Annex 3, insert a new example 4, to read:

**"Example 4  
Light source modules**

**MD E3 17325**

**The light source module bearing the identification code shown above has been approved together with a lamp approved in Italy (E3) under approval number 17325."**

\* \* \*

DRAFT ECE REGULATION No. xxx - Cornering lamps

Paragraph 1.2., amend to read:

- "1.2. **"Cornering lamps of different types"** means lamps which do not differ in such essential respects as:
- the trade name or mark;
  - the characteristics of the optical system (**level of intensity, light distribution angles, category of filament lamp, light source module, etc.**);
  - ~~[- the inclusion of components capable of altering the optical effects by reflection, refraction or absorption;]~~
- The colour of the filament lamp or the colour of any filter does not constitute a change of type."**

Paragraph 2.2.2., amend to read:

- "2.2.2. a brief technical description stating, in particular, with the exception of lamps with non-replaceable light sources:
- the category or categories of filament lamp(s) prescribed; this filament lamp category shall be one of those contained in Regulation No. 37; **[and/] or**
  - **the light source module specific identification code."**

Paragraph 3.2., amend to read:

- "3.2. **with the exception of lamps with non-replaceable light sources**, bear a clearly legible and indelible marking indicating:
- the category or categories of filament lamp(s) prescribed; **and/or**
  - **the light source module specific identification code."**

Paragraph 3.4., amend to read:

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

Add new paragraphs 3.5., 3.5.1., 3.5.2. and 3.5.3., to read:

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

3.5.1. **the trade name or mark of the applicant; this marking must be clearly legible and indelible;**

3.5.2. **the specific identification code of the module; this marking must be clearly legible and indelible.**

**This specific identification code shall comprise the starting letters "MD" for "MODULE" followed by the approval marking without the circle as prescribed in paragraph 4.3.1.1. below; this specific identification code shall be shown in the**

drawings mentioned in paragraph 2.2.1. above. The approval marking does not have to be the same as the one on the lamp in which the module is used, but both markings shall be from the same applicant.

3.5.3. the marking of the rated voltage [and rated wattage]."

Add new paragraphs 5.3., 5.3.1. and 5.3.2., to read:

"5.3. Light source module

5.3.1. The design of the light source module(s) shall be such that after replacement the light source module is secure and safe in position, orientation and fixing.

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

Annex 1, item 9., amend to read:

"9. Concise description:  
Number and category(ies) of filament lamp(s): .....  
**Light source module:** ..... yes/no 2/  
**Light source module specific identification code:** .....  
**Geometrical conditions of installation and relating variations,**  
**if any:** ..... "

Annex 2, insert a new Figure 3, to read:

**"Figure 3**  
**Light source modules**

**MD E3 17325**

**The light source module bearing the identification code shown above has been approved together with a lamp approved in Italy (E3) under approval number 17325."**

\* \* \*

## **B. JUSTIFICATION**

Following the approval, during the forty-ninth GRE session, of provisions regarding "light source modules" for Regulation No. 7 (TRANS/WP.29/GRE/49 – paras. 28 to 30), Italy proposed to extend these provisions to the other lighting and light signalling devices' Regulations and GRE agreed on this idea. As a first consequence Italy has produced the present proposal for the amendment of the various Regulations for the approval of light signalling devices.

The text of the amendments approved for Regulation No. 7 has been copied and slightly adapted to the other Regulations relating to light signalling devices merely from the redactional point of view and for the paragraphs numbering. The text of the amendments approved for Regulation No. 7 has been included in this document and slightly changed to introduce in it the latest modifications adopted (see Regulation No. 7 - Rev.3-Amend.1).

The same procedure has been made for the already approved (by GRE) draft Regulation for "Cornering lamps" to align their requirements on this subject to those of the other existing Regulations.

A following step should be the introduction of similar requirements into the Regulations relating to lighting devices (i.e. Regulations Nos. 19, 98, 112 and 113) and in the draft Regulation for AFS. However the preparation of such proposals is longer and more complicate than the redaction of those for signalling devices; consequently Italy has planned to present them at a future GRE session.

The text used for some paragraphs is that agreed by GRE during its forty-ninth session (TRANS/WP.29/GRE/49 – paras. 116 and 117 relating to the adoption of document TRANS/WP.29/GRE/2002/35) but not yet approved by WP.29 (presentation of the final document based on TRANS/WP.29/GRE/2002/35 is planned for the WP.29 session of June 2003).

---