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**ECONOMIC COMMISSION FOR EUROPE**

INLAND TRANSPORT COMMITTEE

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

DRAFT SUPPLEMENT 5 TO REGULATION No. 77

(Parking lamps)

Note: The text reproduced below was adopted by the Administrative Committee (AC.1) of the amended 1958 Agreement at its fourteenth session, following the recommendation by WP.29 at its one-hundred-and-twentieth session. It is based on document TRANS/WP.29/2000/14, not amended (TRANS/WP.29/703, para. 173).

Add a new paragraph 5.5.5., to read:

"5.5.5. On devices with reduced light distribution in conformity to paragraph 2.3 in Annex 4 to this Regulation a vertical arrow starting from a horizontal segment and directed downwards."

Add a new paragraph 5.7., to read:

"5.7. The approval marking shall be clearly legible and indelible. It may be placed on an inner or outer part (transparent or not) of the device which cannot be separated from the transparent part of the device emitting the light. In any case the marking shall be visible when the device is fitted on the vehicle or when a movable part such as the hood or boot lid or a door is opened."

Paragraph 5.7. (former), renumber as paragraph 5.8.

Paragraph 7.1.3., add the following sentence at the end:

"....."

All light sources which are connected in series are considered to be one light source."

Paragraph 9., amend to read:

"9. COLOUR OF LIGHT EMITTED

The colour of the light emitted inside the field of the light distribution grid defined at paragraph 2 of annex 4, measured by using a source of light with a colour temperature of 2856 K, corresponding to illuminant A of the International Commission on Illumination (CIE), shall be within the limits of the co-ordinates prescribed for the colour in question in annex 5 to this Regulation. Outside this field no sharp variation of colour shall be observed.

However, for lamps equipped ....."

Add a new paragraph 16., to read:

"16. TRANSITIONAL PROVISIONS

16.1. As from the official date of entry into force of Supplement 5 to the Regulation, no Contracting Party applying this Regulation shall refuse to grant ECE approval under this Regulation as amended by Supplement 5.

- 16.2. As from 24 months after the date of entry into force, Contracting Parties applying this Regulation shall grant ECE approvals only if the type of parking lamp to be approved meets the requirements of this Regulation as amended by Supplement 5.
- 16.3. Contracting Parties applying this Regulation shall not refuse to grant extensions of approval to this Regulation in its original form and the subsequent supplements.
- 16.4. Contracting Parties applying this Regulation shall continue to grant approvals to those types of parking lamp which comply with the requirements of this Regulation in its original form and the subsequent supplements during the 12 months period which follows the date of entry into force of Supplement 5 to the Regulation.
- 16.5. ECE approvals granted under this Regulation earlier than 12 months after the date of entry into force and all extensions of approvals, including those to this Regulation in its original form and the subsequent supplements shall remain valid indefinitely. When the type of parking lamp approved to this Regulation in its original form and the subsequent supplements meets the requirements of this Regulation as amended by Supplement 5, the Contracting Party which granted the approval shall notify the other Contracting Parties applying this Regulation thereof.
- 16.6. No Contracting Party applying this Regulation shall refuse a type of parking lamp approved to Supplement 5 to this Regulation.
- 16.7. Until 36 months after the date of entry into force of Supplement 5 to the Regulation, no Contracting Party applying this Regulation shall refuse a type of parking lamp approved to the Regulation in its original form and the subsequent supplements.
- 16.8. Starting 36 months after the date of entry into force of Supplement 5 to the Regulation, Contracting Parties applying this Regulation may refuse the sale of a type of parking lamp which does not meet the requirements of Supplement 5 to this Regulation unless the parking lamp is intended as a replacement for fitting on vehicles in use.
- 16.9. Contracting Parties applying this Regulation shall continue to issue approvals for parking lamps on the basis of any previous Supplements to the Regulation, provided that parking lamps are intended as replacements for fitting to vehicles in use.

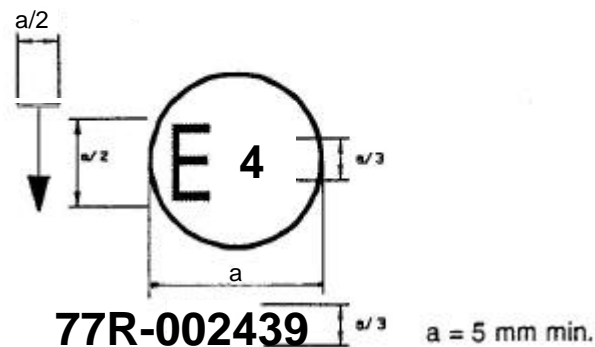
- 16.10. As from the official date of entry into force of Supplement 5 to the Regulation, no Contracting Party applying this Regulation shall prohibit the fitting on a vehicle of a parking lamp approved under this Regulation as amended by Supplement 5.
- 16.11. Contracting Parties applying this Regulation shall continue to allow the fitting on a vehicle of a parking lamp approved to this Regulation in its original form and the subsequent supplements during the 48 months period which follows the date of entry into force of Supplement 5 to the Regulation.
- 16.12. Upon the expiration of a period of 48 months after the date of entry into force of Supplement 5 to the Regulation, Contracting Parties applying this Regulation may prohibit the fitting of a parking lamp which does not meet the requirements of this Regulation as amended by Supplement 5 on a new vehicle for which national type or individual approval was granted more than 24 months after the date of entry into force of Supplement 5 to the Regulation.
- 16.13. Upon the expiration of a period of 60 months after the date of entry into force, Contracting Parties applying this Regulation may prohibit the fitting of a parking lamp which does not meet the requirements of this Regulation as amended by Supplement 5 on a new vehicle first registered more than 60 months after the date of entry into force of Supplement 5 to the Regulation."

Annex 1, item 11, amend to read:

- "11. Only for limited mounting height of equal to or less than 750 mm above the ground, yes/no 2/"

Annex 1, items 11 to 15, renumber as items 12 to 16.

Annex 2, the example of the approval mark, amend to read:



Annex 2, add a new sentence at the end of the caption below the example of the approval mark, to read:

"...original form. The vertical arrow starting from a horizontal segment and directed downwards indicates a permissible mounting height of equal to or less than 750 mm from the ground for this device."

Annex 3, first sentence, amend to read:

"In all cases, the minimum vertical angles of light distribution in space are 15° above and 15° below the horizontal except for lamps with a mounting height of equal to or less than 750 mm above the ground, for which they are 15° above and 5° below the horizontal."

Annex 4,

Add a new paragraph 2.3., to read:

"2.3. However in the case where a device is intended to be installed at a mounting height of equal to or less than 750 mm above the ground, the photometric intensity is verified only up to an angle of 5° downwards;"

Paragraph 3, the title, amend to read:

"3. Photometric measurement of lamps"

Add a new paragraph 3.3., to read:

"3.3. For any signalling lamp except those equipped with filament lamp(s), the luminous intensities, measured after one minute and after 30 minutes of operation, shall comply with the minimum and maximum requirements. The luminous intensity distribution after one minute of operation can be calculated from the luminous intensity distribution after 30 minutes of operation by applying at each test point the ratio of luminous intensities measured at HV after one minute and after 30 minutes of operation."

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