

**Economic and Social Council**Distr.: General  
21 December 2012

Original: English

---

**Economic Commission for Europe****Inland Transport Committee****World Forum for Harmonization of Vehicle Regulations****159<sup>th</sup> session**

Geneva, 12-15 March 2013

Item 4.9.3 of the provisional agenda

**1958 Agreement – Consideration of draft amendments  
to existing Regulations submitted by GRE****Proposal for Supplement 22 to the 02 series of amendments  
to Regulation No. 7 (Position, stop and end-outline lamps)****Submitted by the Working Party on Lighting and Light Signalling \***

The text reproduced below was adopted by the Working Party on Lighting and Light Signalling (GRE) at its sixty-eighth session (ECE/TRANS/WP.29/GRE/68, paras. 22 and 23). It is based on ECE/TRANS/WP.29/GRE/2012/41, as amended by para. 22 of the report and ECE/TRANS/WP.29/GRE/2012/42, as amended by Annex IV (ECE/TRANS/WP.29/GRE/68, paras. 22 and 23). It is submitted to the World Forum for Harmonization of Vehicle Regulations (WP.29) and to the Administrative Committee AC.1 for consideration.

---

\* In accordance with the programme of work of the Inland Transport Committee for 2010–2014 (ECE/TRANS/208, para. 106 and ECE/TRANS/2010/8, programme activity 02.4), the World Forum will develop, harmonize and update regulations in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate.

Paragraphs 6.2.4. and 6.2.4.1., amend to read:

"6.2.4. Moreover,

6.2.4.1. Throughout the fields defined in the diagrams in Annex 1, the luminous intensity of the light emitted must be not less than 0.05 cd for front and rear position lamps and end-outline marker lamps, not less than 0.3 cd for devices of categories S1, S3 and for those of categories S2 and S4 by day; it shall not be less than 0.07 cd for devices of categories S2 and S4 by night;"

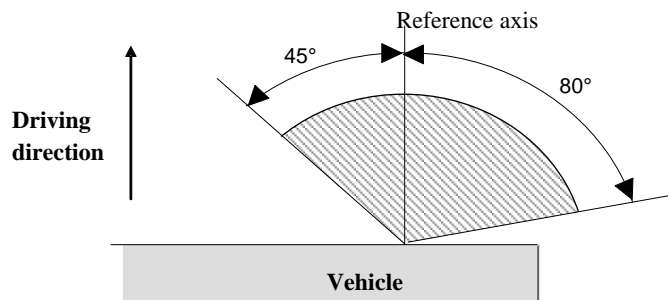
Annex 1, amend to read:

"...

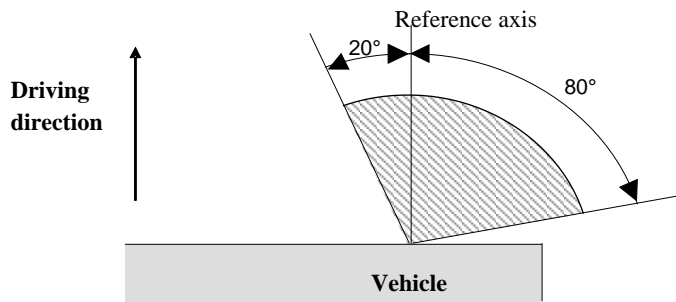
In all cases, the minimum vertical angles of light distribution in space are 15° above and 15° below the horizontal for all categories of devices included in this Regulation, except:

- (a) For lamps intended to be installed with their H plane at a mounting height less than 750 mm above the ground, for which they are 15° above and 5° below the horizontal;
- (b) Optional lamps intended to be installed with their H plane at a mounting height more than 2100 mm above the ground, for which they are 5° above and 15° below the horizontal;
- (c) For category S3 or S4 stop lamp for which they are 10° above and 5° below the horizontal."

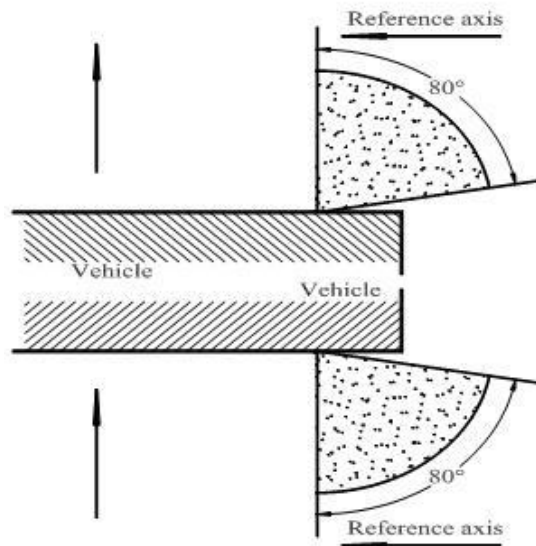
Front position lamps.



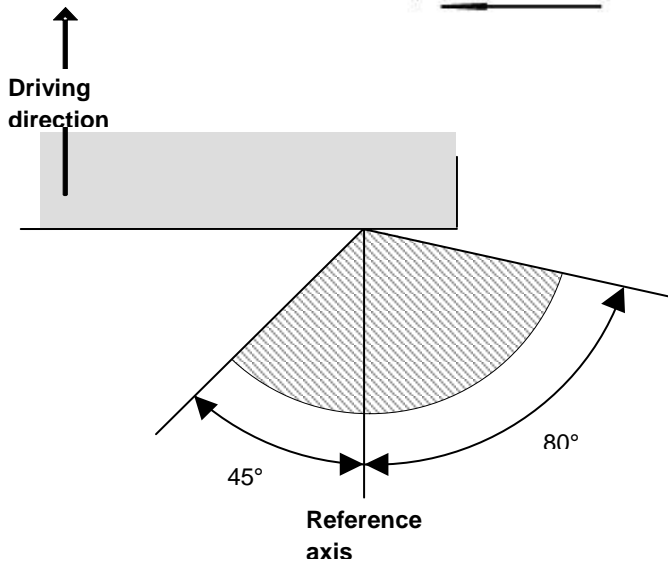
Under the H plane for front position lamps intended to be installed with this plane at a mounting height less than 750 mm above ground.



Front end outline marker lamp (AM)

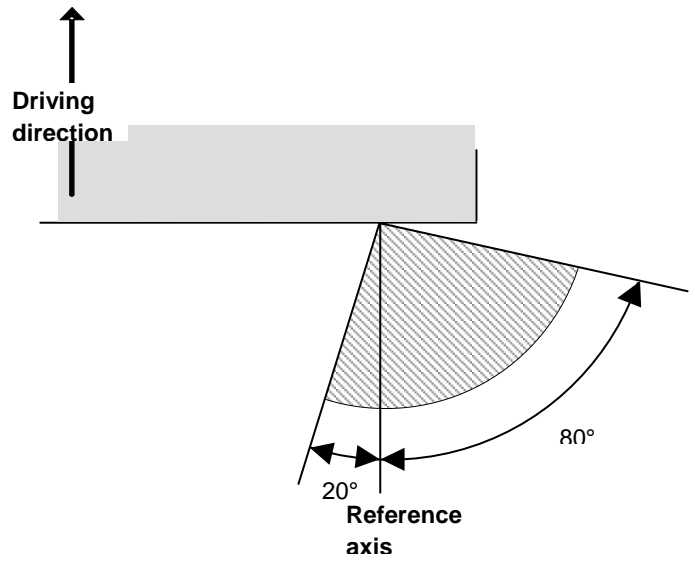


Rear end outline marker lamp (RM1, RM2)

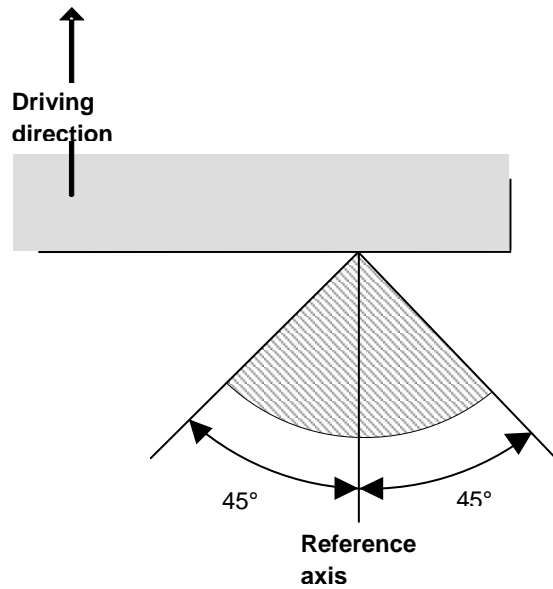


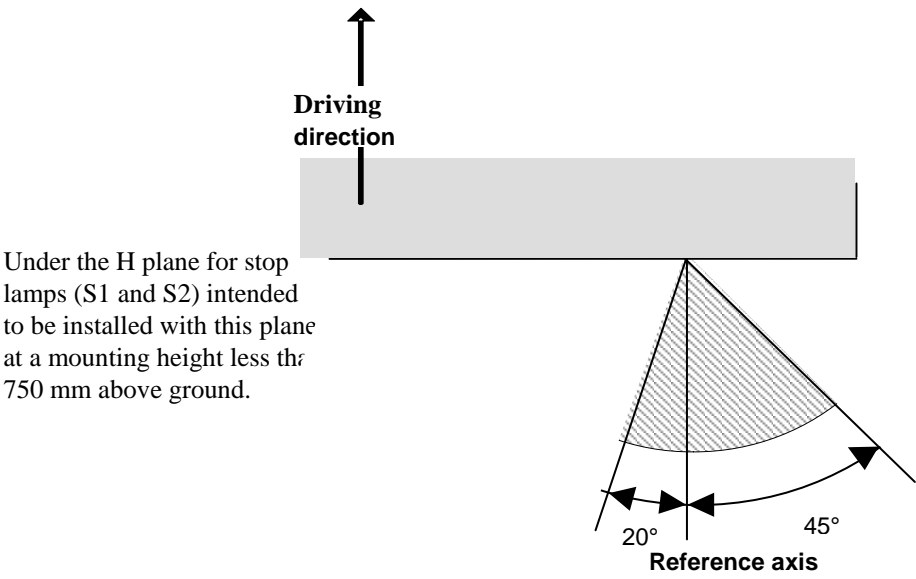
"

Under the H plane for rear position lamps intended to be installed with this plane at a mounting height less than 750 mm above ground.

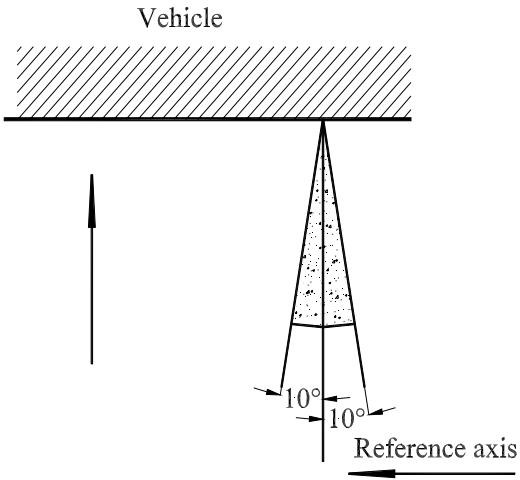


Stop-lamps (S1 and S2)





Stop-lamps (S3 and S4)



"

Annex 2, item 9, amend to read:

- "9. Concise description:
- 9.1. By category of lamp:
  - For mounting either outside or inside or both<sup>2</sup>:
  - Colour of light emitted: red / white<sup>2</sup>

Number, category and kind of light source(s): .....

Voltage and wattage: .....

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

Only for limited mounting height of equal to or less than 750 mm above the ground:  
yes/no <sup>2/</sup>

Geometrical conditions of installation and relating variations, if any: ..... "

---