



# Economic and Social Council

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## Economic Commission for Europe

### Inland Transport Committee

### World Forum for Harmonization of Vehicle Regulations

#### 197th session

Geneva, 11–14 November 2025

Item 4.8.9 of the provisional agenda

#### 1958 Agreement:

Consideration of draft amendments to existing

UN Regulations submitted by GRE

## Proposal for Supplement 10 to the 00 series of amendments to UN Regulation No. 149 (Road Illumination Devices)

### 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 ninety-second session (ECE/TRANS/WP.29/GRE/92, para. 25). It is based on ECE/TRANS/WP.29/GRE/2025/8. It is submitted to the World Forum for Harmonization of Vehicle Regulations (WP.29) and to the Administrative Committee (AC.1) for consideration at their November 2025 sessions.

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\* In accordance with the programme of work of the Inland Transport Committee for 2025 as outlined in proposed programme budget for 2025 (A/79/6 (Sect. 20), table 20.6), the World Forum will develop, harmonize and update UN Regulations in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate.

*Paragraph 4.11. and related subparagraphs, renumber and amend to read:*

- “4.11.        Testing of mechanical or electromechanical structures
- On headlamps or a system designed to provide alternately a driving-beam and a passing-beam, or a passing-beam and/or a driving-beam designed to become bend lighting, any mechanical, electromechanical or other device incorporated in the headlamp and lighting unit(s) for these purposes shall be so constructed that:
- 4.11.1.     The device is robust enough to withstand 50,000 operations under normal conditions of use. In order to verify compliance with this requirement, the Technical Service responsible for approval tests may:
- (a)    Require the applicant to supply the equipment necessary to perform the test;
  - (b)    Forego the test if the headlamp presented by the applicant is accompanied by a test report, issued by a Technical Service responsible for approval tests for headlamps of the same construction (assembly), confirming compliance with this requirement.

...”

*Paragraph 5.3.1.4.4.2., amend to read:*

- “5.3.1.4.4.2. At least 3,100 cd shall be attained at point 50 V when the Class C passing-beam is activated, for systems producing passing-beam only or alternately producing passing-beam and driving-beam functions as described in paragraphs 4.11. and 4.11.4.”

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