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#### World Forum for Harmonization of Vehicle Regulations

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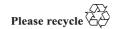
Geneva, 11–14 November 2025 Item 4.8.9 of the provisional agenda 1958 Agreement: Consideration of draft amendments to existing UN Regulations submitted by GRE

# 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.

<sup>\*</sup> 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."