

Proposal for Supplement 4 to the 01 Series of Regulation No. 113

The text reproduced below was prepared by the expert from The International Automotive Lighting and Light Signalling Expert Group (GTB) to clarify the requirements related to testing of the resistance to mechanical deterioration of the plastic lens surface. The modifications to the existing text of the Regulation are marked in bold for new or strikethrough for deleted characters.

I. Proposal

Annex 6, paragraph 2.6.1.2., amend to read:

"2.6.1.2. Results

~~After the test, the results of photometric measurements carried out on the headlamp in accordance with this Regulation shall not exceed by more than 30 per cent the maximum values prescribed at point HV and not be more than 10 per cent below the minimum values prescribed at point 50 L and 50 R for Class B headlamp, 0.86D/3.5R, 0.86D/3.5L for Classes C, D and E headlamp.~~

After the test, the results of photometric measurements carried out on the headlamp in accordance with this Regulation shall not exceed:

- a) by more than 30 per cent the maximum values prescribed at point HV and not be more than 10 per cent below the minimum values prescribed at point 50 L and 50 R for Class B headlamp, 0.86D/3.5R, 0.86D/3.5L for Class C, D and E headlamp.
- (b) by more than 10 per cent below the minimum values prescribed for HV in the case of a headlamp producing driving beam only."**

II. Justification

The existing requirements, related to testing of the resistance to mechanical deterioration of the plastic lens surface, relate only to the measuring procedures for the passing beam. However, it is also necessary to carry out the mechanical deterioration test in the case of a headlamp producing only a driving beam and the proposed text is intended to clarify this requirement.

This proposal follows similar amendments adopted by GRE as TRANS/WP.29/2012/11 for the Regulations Nos. 98 and 112. At that time Regulation No. 113 was not included in the collective amendment.
