



Economic and Social Council

Distr.: General
20 December 2016

Original: English

Economic Commission for Europe

Inland Transport Committee

World Forum for Harmonization of Vehicle Regulations

171st session

Geneva, 14-17 March 2017

Item 4.9.18 of the provisional agenda

1958 Agreement:

Consideration of draft amendments

to existing Regulations submitted by GRE

Proposal for Supplement 13 to Regulation No. 99 (Gas-discharge light sources)

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 seventy-sixth session (ECE/TRANS/WP.29/GRE/76, para. 17). It is based on ECE/TRANS/WP.29/GRE/2016/26. 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 March 2017 sessions.

* In accordance with the programme of work of the Inland Transport Committee for 2016–2017 (ECE/TRANS/254, para. 159 and ECE/TRANS/2016/28/Add.1, cluster 3.1), 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.

Supplement 13 to Regulation No. 99 (Gas-discharge light sources)

Paragraph 3.6.2., amend to read:

"3.6.2. Run-up

3.6.2.1. For gas-discharge light sources having an objective luminous flux which exceeds 2,000 lm:

When measured according to the conditions specified in Annex 4, the gas-discharge light source shall emit at least:

After 1 second: 25 per cent of its objective luminous flux;

After 4 seconds: 80 per cent of its objective luminous flux.

The objective luminous flux as indicated on the relevant data sheet.

3.6.2.2. For gas-discharge light sources having an objective luminous flux which does not exceed 2,000 lm and does not contain black stripes:

When measured according to the conditions specified in Annex 4, the gas-discharge light sources shall emit at least 800 lm after 1 second and at least 1,000 lm after 4 seconds.

The objective luminous flux as indicated on the relevant data sheet.

3.6.2.3. For gas-discharge light sources having an objective luminous flux which does not exceed 2,000 lm but does contain black stripes:

When measured according to the conditions specified in Annex 4, the gas-discharge light sources shall emit at least 700 lm after 1 second and at least 900 lm after 4 seconds.

The objective luminous flux as indicated on the relevant data sheet

3.6.2.4. For gas-discharge light sources having more than one objective luminous flux, and at least one objective luminous flux does not exceed 2,000 lm:

When measured according to the conditions specified in Annex 4, the gas-discharge light sources shall emit at least 800 lm after 1 second and at least 1,000 lm after 4 seconds.

The objective luminous flux as indicated on the relevant data sheet."
