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**1958 Agreement – Consideration of draft amendments
to existing Regulations submitted by GRE**

Proposal for Supplement 6 to the original version of Regulation No. 128 (Light Emitting Diode (LED) 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-fifth session (ECE/TRANS/WP.29/GRE/75, para. 8). It is based on ECE/TRANS/WP.29/GRE/2016/4 not amended. 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 2016 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 6 to the original version of Regulation No. 128 (Light Emitting Diode (LED) light sources)

The title of the Regulation, amend to read:

"Uniform provisions concerning the approval of Light Emitting Diode (LED) light sources for use in approved lamps on power-driven vehicles and their trailers"

Paragraph 1., amend to read:

"1. Scope

This Regulation applies to LED light sources shown in Annex 1 and intended for use in approved lamps of power-driven vehicles and of their trailers."

Paragraph 3.1. and its subparagraphs, replace to read:

"3.1. Definitions

The definitions given in Resolution [R.E.4]¹ or its subsequent revisions, applicable at the time of application for type-approval, shall apply.

¹ Note by the secretariat: Draft Resolution on the common specification of light source categories (R.E.4) is submitted to WP.29 as document ECE/TRANS/WP.29/2016/111."

Paragraph 3.2.7., amend to read:

"3.2.7. The solid state junction(s) and possibly one or more elements for fluorescence-based conversion shall be the only element(s) of the LED light source that generate(s) and emit(s) light when energized."

Paragraphs 3.4. and 3.4.1., amend to read:

"3.4. Position and dimensions of light emitting area

3.4.1. The position and dimensions of the light emitting area shall conform to the requirements as given on the relevant data sheet of Annex 1."

Annex 1, amend to read:

"Annex 1

Sheets¹ for LED light sources

The sheets of the relevant LED light source category and the group in which this category is listed with restrictions on the use of this category shall apply as incorporated in Resolution [R.E.4]¹ or its subsequent revisions, applicable at the time of application for type approval of the LED light source.

¹ From [date] onwards, the sheets for gas-discharge light sources, the list and group of light source categories with restrictions on the use of this category and their sheet numbers are incorporated in Resolution [R.E.4]¹ with symbol ECE/TRANS/WP.29/2016/111."

Annex 6,

Table 1, amend to read:

"...

<i>Grouping of characteristics</i>	<i>Grouping* of test records between LED light source types</i>	<i>Minimum 12 monthly sample per grouping*</i>	<i>Acceptable level of non-compliance per grouping of characteristics (percentage)</i>
Marking, legibility and durability	All types with the same external dimensions	315	1
External LED light source dimensions (excluding cap/base)	All types of the same category	200	1
Dimensions of caps and bases	All types of the same category	200	6.5
Dimensions related to light emitting surface and internal elements**	All LED light sources of one type	200	6.5
Initial readings, power, colour and luminous flux**	All LED light sources of one type	200	1
Normalised luminous intensity or cumulative luminous flux distribution	All LED light sources of one type	20	6.5

"

Table 3, header row, amend to read:

"

<i>Number of LED light sources in records</i>	<i>Qualifying limit</i>	<i>Number of LED light sources in records</i>	<i>Qualifying limit</i>	<i>Number of LED light sources in records</i>	<i>Qualifying limit</i>
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