

Transmitted by the expert from
Germany

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Proposal of amendment to ECE/TRANS/WP.29/GRE/2011/5.

This proposed amendments are modifications to the current text of the Regulation 113 and marked in bold characters. This document has to be seen in addition to the proposed amendments in document **ECE/TRANS/WP.29/GRE/2011/5:**

I. Proposal

Paragraph 5.3., amend to read:

"5.3. Headlamps of class A, B, C or D shall be equipped with filament lamp(s) approved according to Regulation No. 37 and/ or, for headlamps of class **A**, C or D, with (an) LED module(s).

However in the case of headlamps of class A the LED or LED module may be not replaceable.

...."

Paragraph 5.3.2.3., amend to read:

"5.3.2.3. The total objective luminous flux of all LED modules producing the passing beam shall be measured as described in paragraph 5. of Annex 12. The following minimum and maximum limits shall apply:

	<i>Headlamps Class A</i>	<i>Headlamps Class C</i>	<i>Headlamps Class D</i>
Passing beam minimum	[100] lumen	500 lumen	2000 lumen
Passing beam maximum	900 lumen	1000 lumen	2000 lumen

"

I. Justification

In the former discussions was no interest for the production of Class A headlamps with LED or LED modules, therefore no provisions for that were been provided.

The meantime applicants of vehicles for which the use of Class A Headlamps is allowed are interested at headlamps with LED or LED modules, especially in combination with electric propulsion system.

The experts of Germany see therefore the need for the introduction of Class A headlamps with LED or LED modules.

These headlamps are comparable with good bicycle headlamps and therefore relative small, so that it is not necessary to use removable LED modules.