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Economic Commission for Europe**Inland Transport Committee****World Forum for Harmonization of Vehicle Regulations****Working Party on Lighting and Light-Signalling****Ninety-fourth session**

Geneva, 27-30 April 2026

Item 7 (b) of the provisional agenda

Device UN Regulations:**UN Regulation No. 149 (Road Illumination Devices)****Proposal for a Supplement to the 00 and 01 series of amendments to UN Regulation No. 149****Submitted by the experts from The International Automotive Lighting and Light-Signalling Expert Group***

The text reproduced below was prepared by the experts from the International Automotive Lighting and Light-Signalling Expert Group (GTB) with the aim to correct the conformity of production (CoP) values. The proposed modifications to the current text of the UN Regulations are marked in bold for new or strikethrough for deleted characters.

* In accordance with the programme of work of the Inland Transport Committee for 2026 as outlined in proposed programme budget for 2026 (A/80/6 (Sect. 20), table 20.7), 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.



I. Proposal for a Supplement to the 00 series of amendments to UN Regulation No. 149

Table 18, amend to read:

“ ...

13	50 L	L	3.43			D	0.86	1,700	13,200 ¹	2,840 1,360	15,840 ¹	2,485 1,190	17,160 ¹
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Note to Table 18:

¹The maximum value may be multiplied by 1.4, if it is guaranteed according to the manufacturer’s description that this value will not be exceeded in use, either by means of the system or, if the system’s use is confined to vehicles, providing a corresponding stabilization/limitation of the system’s supply, as indicated in the communication form.”

Table 21, amend to read:

“ ...

13	50 L	L	3.43			D	0.86	1,700	13,200 ¹	2,840 1,360	15,840 ¹	2,485 1,190	17,160 ¹
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Note to Table 21:

¹The maximum value may be multiplied by 1.4, if it is guaranteed according to the manufacturer’s description that this value will not be exceeded in use, either by means of the system or, if the system’s use is confined to vehicles, providing a corresponding stabilization/limitation of the system’s supply, as indicated in the communication form.”

Table 23, amend to read:

“ ...

17	Segment 10	L	4.5	R	2.0	D	4		12,300 ¹		14,760 ¹		15,990 ¹
									7,100 ¹		8,520 ¹		9,230 ¹

...”

Table 24, amend to read:

“ ...

13	50 L	L	3.43			D	0.86	3,400	13,200 ²	2,720	15,840 ²	2,380	17,160 ²
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Notes to Table 24:

¹ ...

²The maximum value may be multiplied by 1.4, if it is guaranteed according to the manufacturer’s description that this value will not be exceeded in use, either by means of the system or, if the system’s use is confined to vehicles, providing a corresponding stabilization/limitation of the system’s supply, as indicated in the communication form.”

Table 30, amend to read:

“

	HV		H,V		32,400		215,000		26,000 25,920		258,000		23,000 22,680		279,500
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...”

Table 31, amend to read:

“

HV	H,V	32,400	215,000	26,000 25,920	258,000	23,000 22,680	279,500
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...”

II. Proposal for a Supplement to the 01 series of amendments to UN Regulation No. 149

Table 28, amend to read:

“

BR	1°U	2.5°R	-	7.90·10² 2.65·10 ³	-	9.60·10² 3.18·10 ³	-	1.05·10³ 3.45·10 ³
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...”

Table 29, amend to read:

“

BR	1°U	2.5°R	-	7.90·10² 2.65·10 ³	-	9.60·10² 3.18·10 ³	-	1.05·10³ 3.45·10 ³
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...”

Table 35, amend to read:

“Table 35

Class R – Driving-beam Bend lighting – System Requirements

Element	Angular coordinates in deg.		Luminous intensity in cd					
	vertical	horizontal	Column A		Column B		Column C	
			± 0% CoP		± 20% CoP		± 30% CoP	
			min	max	min	max	min	max
2U-V	2°U	0°	1.30·10 ³	2.15·10 ⁵	1.08·10³ 1.04·10 ³	2.58·10 ⁵	9.50·10² 9.10·10 ²	2.80·10 ⁵
H-12L	0°	12°L	1.20·10 ³		9.60·10 ²		8.40·10 ²	
H-9L	0°	9°L	2.70·10 ³		2.17·10³ 2.16·10 ³		1.90·10³ 1.89·10 ³	
...	
H-9R	0°	9°R	2.70·10 ³		2.17·10³ 2.16·10 ³		1.90·10³ 1.89·10 ³	
H-12R	0°	12°R	1.20·10 ³		9.60·10 ²		8.40·10 ²	

”

Annex 4, paragraph 1.6.2.1., replace “notes 1 and 7” to read “notes a and f”

III. Justification

The proposed amendment is intended to correct the CoP values. Further details can be found in informal document GRE-94-10.