

PROPOSAL FOR DRAFT AMENDMENTS TO REGULATION No. 98

(Headlamps with gas-discharge light sources)

Transmitted by the Expert from the Working Party "Brussels 1952" (GTB)

Note: The text reproduced below was prepared by the expert from GTB in order to incorporate in the Regulation the specifications of the harmonized driving beam pattern (TRANS/WP.29/GRE/47, para. 60). This was originally considered at the 49th session of GRE (on the basis of TRANS/WP.29/GRE/2002/12) where some editorial changes were requested to clarify the marking requirements and to modify references to diagrams and annexes.

Only the amendments to the text of the Regulation (not to its annex 3) are marked in **bold** characters.

PROPOSAL

Paragraph 4.2.2.4., amend to read:

"4.2.2.4. on headlamps meeting the requirements of this Regulation in respect of the driving beam only, the letter "DR"; or on headlamps meeting the requirements of the worldwide harmonised driving beam specified in tables D & E in annex 3, the letter "DH";"

Paragraph 4.2.2.5., amend to read:

"4.2.2.5. on headlamps meeting the requirements of this Regulation in respect of both the passing beam and the driving beam, the letters "DCR"; or on headlamps meeting the requirements of the worldwide harmonised driving beam specified in tables D & E in annex 3, the letter "DCH";"

Paragraph 6.3.2.3., amend to read:

"6.3.2.3. Starting from point HV, horizontally to the right and left, the illuminance shall be not less than 40 lux up to a distance of 1.125 m and not less than 10 lux up to a distance of 2.25 m.

In the case of a headlamp designed to produce a worldwide harmonized driving beam, the intensities shall conform to the tables "A" and "B" in annex 3. Table "A" applies in the case where a primary driving beam is being produced with a single light source. Table "B" applies in the case where the driving beam is being produced by a secondary driving beam headlamp operated with a passing beam headlamp or a primary driving beam headlamp."

Annex 1, footnote 3, add the markings "**DH, DH PL**," and "**DCH, DCH PL**" to the existing list.

Annex 3, insert after the title tables A and B, to read:

"Table A - Primary driving beam headlamp

Refer to Figure D for details of test point positions

| TEST POINT NUMBER | TEST POINT LOCATION | Required illumination in lux | |
|-------------------|-------------------------|------------------------------|-------|
| | | Min. | Max. |
| 1 | H-V (1) | (1) | --- |
| 2 | H-3R & 3L | 40.0 | --- |
| 3 | H-6R & 6L | 10.0 | --- |
| 4 | H-9R & 9L | 4 | --- |
| 5 | H-12R & 12L | 1.2 | --- |
| 6 | 2U-V | 2 | --- |
| 7 | 4D-V | --- | (2) |
| | MAX. LUMINOUS INTENSITY | 70.0 | 180.0 |

- (1) Intensity at H-V shall be equal to or greater than 80 per cent of the maximum intensity in the beam pattern.
- (2) Intensity at 4D-V shall be equal to or less than 30 per cent of the maximum intensity in the beam pattern.

Table B - Secondary driving beam headlamp operated
with a passing beam headlamp or a primary driving beam headlamp

Refer to Figure E for details of test point positions

| TEST POINT NUMBER | TEST POINT LOCATION | Required illumination in Lux | |
|-------------------|-------------------------|------------------------------|------|
| | | Min. | Max. |
| 1 | H-V (1) | (1) | --- |
| 2 | H-3R & 3L | 40.0 | --- |
| 3 | H-6R & 6L | 10.0 | --- |
| 6 | 2U-V | 2 | --- |
| 7 | 4D-V | --- | (2) |
| | MAX. LUMINOUS INTENSITY | 70 | 180 |

- (1) Intensity at H-V shall be equal to or greater than 80 per cent of the maximum intensity in the beam pattern.
- (2) Intensity at 4D-V shall be equal to or less than 30 per cent of the maximum intensity in the beam pattern."

Annex 3, insert at the end figures D and E, to read:

"Figure D
Primary Driving Beam

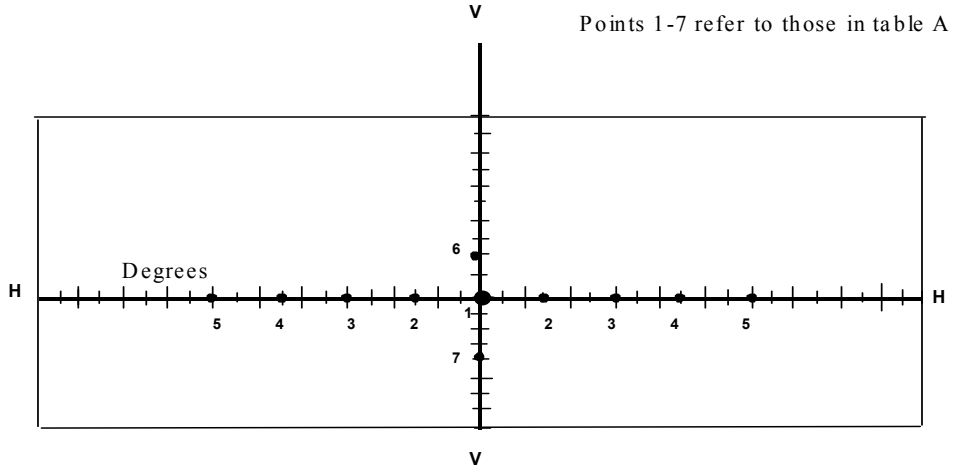


Figure E
Secondary Driving Beam

