

Proposal for amendments to ECE/TRANS/WP.29/GRE/2013/50

Regulation No. 48

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I. Proposal

Paragraph 5.7., only for reference:

"5.7. Grouped, combined or reciprocally incorporated lamps"

Paragraph 5.7.2., amend to read:

~~"5.7.2. 5.30.~~ Single lamps"

Paragraph 5.7.2.1., amend to read:

~~"5.7.2.1. 5.30.1.~~ Single lamps as defined in paragraph 2.16.1. (a), composed of two or more distinct parts, shall be installed in such a way that:

(a) either the total area of the projection of the distinct parts on a plane tangent to the exterior surface of the outer lens and perpendicular to the reference axis shall occupy not less than 60 per cent of the smallest quadrilateral circumscribing the said projection; or

(b) the minimum distance between the facing edges of two adjacent/tangential distinct parts shall not exceed 75 mm when measured perpendicularly to the reference axis.

These requirements shall not apply to a single retro-reflector.

Paragraph 5.7.2.2., amend to read:

~~"5.7.2.2. 5.30.2.~~ Single lamps as defined in paragraph 2.16.1. (b) or (c), composed of two lamps marked "D" or two independent retro reflectors, shall be installed in such a way that:

(a) either the projection of the apparent surfaces in the direction of the reference axis of the two lamps or retro reflectors occupies not less than 60 per cent of the smallest quadrilateral circumscribing the projections of the said apparent surfaces in the direction of the reference axis; or

(b) the minimum distance between the facing edges of the apparent surfaces in the direction of the reference axis of two lamps or two independent retro reflectors does not exceed 75 mm when measured perpendicularly to the reference axis.

Two lamps included into the same lamp body and composing single lamps shall fulfil the requirements of this paragraph but shall not be considered as lamps marked "D".

Paragraph 5.7.2.3., amend to read:

~~"5.7.2.3. 5.30.3.~~ Single lamps defined as in paragraph 2.16.1(d). shall fulfil the requirements of paragraph ~~5.7.2.1. 5.30.1.~~

Two or more lamps and/or two or more separate apparent surfaces included into the same lamp body and/or having a common outer lens shall not be considered as an interdependent lamp system.

However, a lamp in the shape of a band or strip may be part of an interdependent lamp system."

Paragraph 5.7.2.4., amend to read:

"~~5.7.2.4.~~ **5.30.4.** Two lamps or an even number of lamps in the shape of a band or strip shall be placed symmetrically in relation to the median longitudinal plane of the vehicle, extending on both sides to within at least 0.4 m of the extreme outer edge of the vehicle, and are not less than 0.8 m long; the illumination of such a surface shall be provided by not less than two light sources placed as close as possible to the ends; the light-emitting surface may be constituted by a number of juxtaposed elements on condition that these individual light-emitting surfaces, when projected on a transverse plane fulfil the requirements of paragraph ~~5.7.2.1.~~ **5.30.1.**"

II. Justification

1. OICA supports the basic idea to move single lamp requirements from paragraph 2.DEFINITIONS to paragraph 5.GENERAL SPECIFICATIONS. But the requirements should not be under paragraph 5.7. "Grouped, combined or reciprocally incorporated lamps" because the single lamp requirements in paragraph 5.7.2. would be only for grouped, combined or reciprocally incorporated lamps. The single lamp requirements should be for general lamps. Therefore OICA moved the requirements to new paragraphs.

