

Amendments to ECE/TRANS/WP.29/GRE/2014/7

I. Proposal

Content, amend to read:

"...

~~Annex 5: Colours of lamps: chromaticity co ordinates~~

~~Annex 65: Photometric measurements for the rear registration plate illuminating device~~

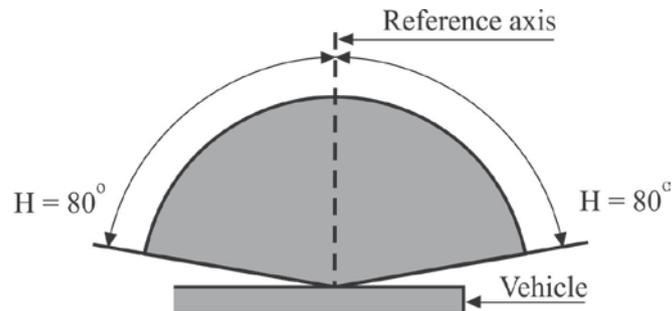
..."

Annex 1, paragraph 1., at the end of the proposed text insert the missing diagram:

"1. Front position lamps

$V = +15^\circ / -10^\circ$

However, in the case where a device is intended to be installed with its H plane at a mounting height less than 750 mm above the ground, the angle of 10° below the horizontal may be reduced to 5° .

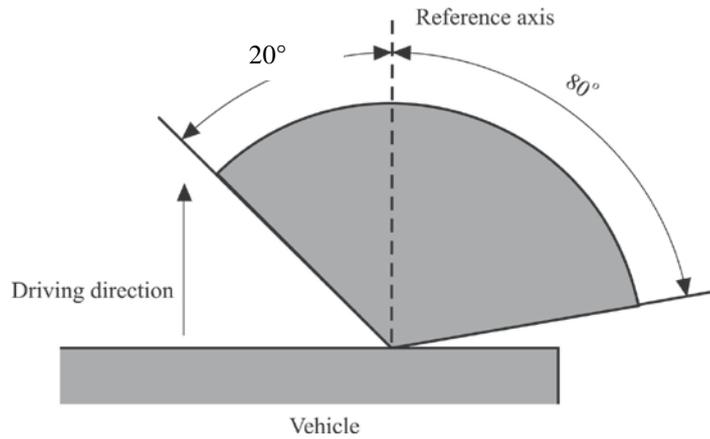


Front position lamps (for a pair of lamps)

$V = + 15^\circ / - 10^\circ$

However, in the case where a device is intended to be installed with its H plane at a mounting height less than 750 mm above the ground, the angle of 10° below the horizontal may be reduced to 5° . “

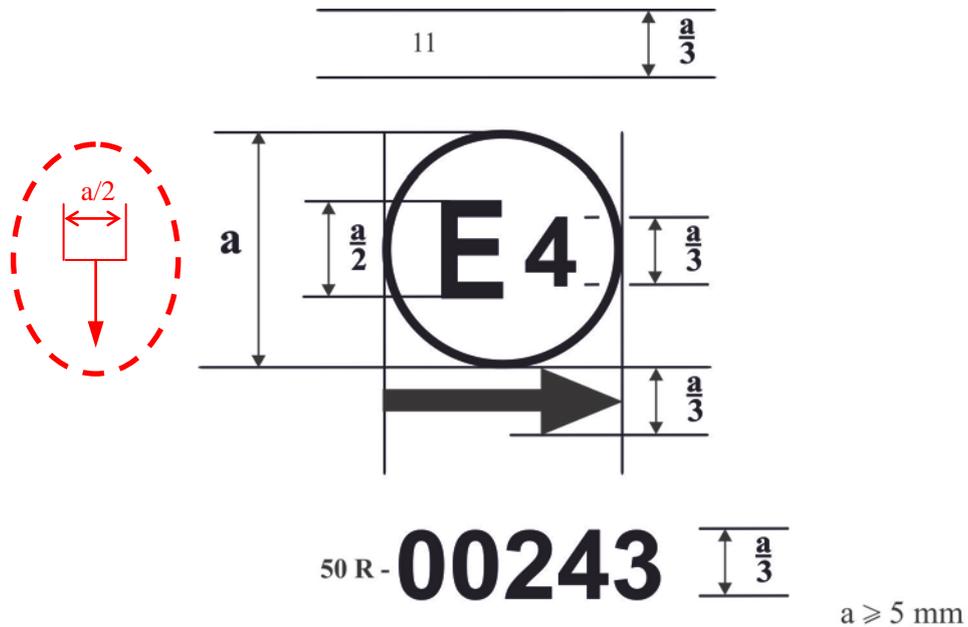
(Insert the following missing diagram showing the visibility of angles)



Annex 3, correctly highlight the marking clause for the interdependent lamps:

"Annex 3

EXAMPLES OF ARRANGEMENT OF THE APPROVAL MARK
(see paragraph 5.3. of this Regulation)



A device bearing the approval mark shown above is a direction indicator of the category 11 approved in the Netherlands (E4) under the number 00243. The first two digits of the approval number indicate that the approval was granted in accordance with the requirements of Regulation No. 50 in its original form.

For a direction indicator, the arrow indicates that the luminous distribution is a symmetrical in a horizontal plane and that the photometric values required are satisfied up to an angle of 80° to the right, the device seen in the opposite sense of the light emitted.

The vertical arrow starting from a horizontal segment and directed downwards indicates a permissible mounting height of equal to or less than 750 mm from the ground for this device.

Light source modules

MD E3 17325

The light source module bearing the identification code shown above has been approved together with a lamp approved in Italy (E3) under approval number 17325.”

Note: The approval number must be placed close to the circle and either above or below the letter "E" or to the left or right of that letter the digits of the approval number must be on the same side of the "E" and face in the same direction. The use of Roman numbers as approval numbers should be avoided so as to prevent any confusion with other symbols.

Interdependent lamps

12 MRY MSY



R50-00113

Marking of an interdependent lamp comprising part of an interdependent lamp system providing:

A rear direction indicator lamp (category 12) approved in accordance with the requirements of Regulation No. 50,

A rear position lamp (MRY) approved as an interdependent lamp forming part of an interdependent lamp system in accordance with the requirements of Regulation No. 50,

A stop-lamp (MSY) approved as an interdependent lamp forming part of an interdependent lamp system in accordance with the requirements of Regulation No. 50

MRY MSY



R50-00113

Marking of an interdependent lamp comprising part of an interdependent lamp system providing:

A rear position lamp (MRY) approved as an interdependent lamp forming part of an interdependent lamp system in accordance with the requirements of Regulation No. 50, A stop-lamp (MSY) approved as an interdependent lamp forming part of an interdependent lamp system in accordance with the requirements of Regulation No. 50

Insert the justification 6. and 7., to clarify the reasons for simplification of the maximum photometric values:

"II. Justification

1. The rear trunk lid that is commonly used for four-wheeled vehicles may be adopted for future scooter type motorcycles to secure the storage space for helmet, etc. and improve the appearance marketability. In such case, a negative impact on sales is expected due to motorcycle design constraints because of the regulatory requirements for the lamp system.

2. Meanwhile, interdependent lamp system is approved by the UN Regulations Nos.7 and 48 and it is already on the market. This provides increased design freedom and balances the modern appearance and functionality that makes it easier to load/unload the cargo.

3. L category is also included in the scope of the UN Regulation No.7, and the UN-certified stop lamp, front position lamp, and rear position lamp can be applied to motorcycles as well. Therefore, interdependent lamp system should also be approved for motorcycles.

4. This proposal is to increase the design freedom of motorcycle lamp system and improve the vehicle functionality without jeopardizing the safety of road users.

5. Also, the amendment reflects the recent amendments of the Supplement 2 to the 06 series of amendments to Regulation No. 48, where measurement of 750mm height is changed to be taken at the H-plane, with some editorial corrections to current UN Regulation No. 53 text.

6. Reflect recent amendments of Regulations No. 6 and 7:

(a) From the recent styling trends for better aerodynamics and pedestrian protection, recent amendments of Regulations No. 6 and 7, including the reducing inward visibility angle if the mounting height of the lamp is less than 750mm from the ground, are necessary for motorcycles.

(b) Maximum intensity requirements of Regulations No. 6 and 7 were amended for simplification of the requirement (Supl.19 to 01 series of Regulation No.6, Supl.16 to 02 series of Regulation No. 7). In order for better harmonization of the requirements, the amendment should be reflected to Regulation No.50.

7. To resolve the discrepancy of the visibility requirements between Regulation No.50 and 53. The vertical angle requirement of geometric visibility below horizontal of a lamp whose mounting height is less than 750mm above the ground mismatches in between Regulations No. 50 and 53. By introducing angle of geometric visibility below horizontal of 5 degrees to Regulation No.50, this mismatch will be resolved. The determination of 750mm shall follow that of Regulation No.48 Supl.2 to 06 series."

II. Justification

1. To correctly include a diagram that had been missed during the uploading of the formal document and to correctly highlight the amendment for interdependent lamps in the marking clause.

2. To include missing justification to support the simplification of the maximum photometric values
