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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****Seventy-ninth session**

Geneva, 24-27 April 2018

Item 7 (b) of the provisional agenda

**Other Regulations:****Regulation No. 50 (Position, stop, direction indicator lamps for mopeds and motorcycles)****Proposal for a new Supplement to the 01 series of amendments to Regulation No. 53 (Installation of lighting and light-signalling devices for L<sub>3</sub> vehicles)****Submitted by the expert from the International Motorcycle Manufacturers Association (IMMA)\***

The text reproduced below was prepared by the expert from IMMA with the aim to align Regulations Nos. 50 and 53 regarding the inward geometric visibility requirements for rear position lamps. The modifications to the existing text of Regulation No. 53 are marked in bold for new or strikethrough for deleted characters.

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\* In accordance with the programme of work of the Inland Transport Committee for 2014–2018 (ECE/TRANS/240, para. 105 and ECE/TRANS/2014/26, programme activity 02.4), the World Forum will develop, harmonize and update Regulations in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate.



## I. Proposal

*Paragraph 6.7.4.*, amend to read:

“6.7.4. Geometric Visibility

Horizontal angle: 80° to left and to right for a single lamp:

the horizontal angle may be 80° outwards and ~~45~~20°  
inwards for each pair of lamps:

Vertical angle: 15° above and below the horizontal.

The vertical angle below the horizontal may be reduced to 5°, however, if the height of the lamp is less than 750 mm.”

## II. Justification

This amendment harmonizes the provisions of Regulations Nos. 50 and 53 with regard to the inward geometric visibility requirement for rear position lamps. It is linked to the correspondent proposal for amendments to Regulation No. 50 (ECE/TRANS/WP.29/GRE/2018/27) which aligns the angle of visibility requirements of rear position lamps with the angle of visibility requirements of front position lamps.

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