

India's comments on proposal for a new Regulation on uniform provisions concerning the approval of light-signalling devices (lamps) for power-driven vehicles and their trailers

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The text reproduced below was prepared by the experts from India to propose changes in the LSD regulation. This proposal is to take care of specific requirement w.r.t. L3 and L1 category of vehicle. India's proposals are marked in ~~strike through~~ for deletion of existing text and in *bold italic text in blue colour* for addition of new text.

A. PROPOSAL

~~A1) Paragraph 4.6.1.1., amend to read:~~

~~4.6.1.1. In a single lamp containing more than one light source, a group of light sources, wired so *all light sources which are connected in series* that the failure of any one of them *will* causes all of them to stop emitting light., shall be considered to be one light source.~~

~~A2) Paragraph 4.6.1.2.(a), amend to read:~~

~~4.6.1.2. (a) *Except for direction indicator lamp for L1 and L3 category vehicles, the light intensity complies* with the minimum intensity, required in the pertinent table of standard light distribution in space as shown in Annex 3 and when all light sources are illuminated the maximum intensities shall not be exceeded;
or~~

A.2) Paragraph 5.6.3. amend to read

5.6.3 Failure provisions

For direction-indicator lamps of categories 1, 1a, 1b, 2a, 2b, ~~41, 41a, 41b, 41e and 42,~~ a signal for activation of the tell-tale prescribed in paragraph 6.5.8. of Regulation No. 48 or paragraph 6.3.8. of Regulation No. 53 shall be produced if (notwithstanding the provisions stated in paragraph 4.6.):

~~A3) Paragraph 4.6.1.2.(b), amend to read:~~

~~4.6.1.2 (b) A signal for activation of a tell-tale indicating failure, as indicated in paragraphs 6.4.8., 6.7.8., 6.9.8., 6.10.8., 6.11.8., 6.12.8., 6.13.8., and 6.18.8. of UN Regulation No. 48, *in paragraphs 6.4.7, 6.6.6, 6.7.6, 6.11.7 of UN Regulation No 53 and in paragraphs 6.3.6, 6.9.8, 6.10.6 of UN Regulation No 74,* is produced, provided that the luminous intensity in the axis of reference is at least 50 per~~

cent of the minimum intensity required. In this case a note in the communication form states that the lamp is only for use on a vehicle fitted with a tell tale indicating failure

A4) Paragraph 5.4.1 **5.1.4**, amend to read:

5.1.4. ~~The colour of the light emitted for the lamp identified by symbol "A" shall be white. In case of lamp identified by symbol "MA" the colour of the light shall be white or amber.~~

5.1.4. The colour of the light emitted **shall be white, however the lamp identified by symbol 'MA' may be amber.**

A5) Annex 2 Table A2-1. amend to read:

Table A2-1: Light-distribution in space, horizontal and vertical...

Table A2-1: Light-distribution in space, horizontal and vertical

Lamp	Minimum horizontal angles (inboard / outboard)	Minimum vertical angles (above / below)	Additional information
Front direction indicator (1, 1a, 1b)	45° / 80° 20° / 80°	15° / 15° 15° / 5°	-
Rear direction indicator (2a, 2b)	45° / 80° 20° / 80°	15° / 15° 15° / 5° 5° / 15°	-
Front direction indicator (11, 11a, 11b, 11c) Rear direction indicator (12)	20° / 80°	15° / 15° 15° / 5°	-
Front position singular (MA) Rear position singular (MR)	80° / 80°	15° / 10° 15° / 5°	-
Front position pair (MA)	20° / 80°	15° / 10° 15° / 5° ²	-
Rear position pair (MR)	45° / 80° 20° / 80°	15° / 15° 10° 15° / 5° ²	-
Stop singular (MS)	45° / 45°	15° / 10° 15° / 5°	-
Stop pair (MS)	0°/45°	15° / 10° 15° / 5° ²	-
Front position (A) Rear position (R, R1, R2)	45° / 80° 20° / 80°	15° / 15° 15° / 5° 5° / 15°	-
Front parking (77R) Rear parking (77R)	0° / 45°	15° / 15° 15° / 5°	-
Front end-outline marker (AM) Rear end-outline marker (RM1, RM2)	0° / 80°	15° / 15° 15° / 5° ² 5° / 15° ³	-
Stop lamp (S1, S2)	45° / 45° 20° / 45°	15° / 15° 15° / 5° 5° / 15°	-
High mounted stop lamp (S3, S4)	10° / 10°	10° / 5°	-
Daytime running lamps (RL)	20° / 20°	10° / 5°	-

B. JUSTIFICATION

0. India understands that while preparing the SLR regulations, the technical requirements are to be captured in SLR's exactly same as in the current individual UN Regulations. The India's proposals are to address some of issues related to UN R 50 and UN R 74 not covered in document ECE/TRANS/WP.29/GRE/2018/02.

B 1. The text is included to align with UN R50, this covers the requirement with better clarity. This requirement is specifically for light sources connected in series.

- 50.
- B.2. The text is included to align with paragraph 7.5.1 of UN R50. As per UN R 50 direction indicator under this clause has been exempted w.r.t intensity requirements.
 - B.3. The text is proposed to include to align with relevant clauses of UN R 53 and UN R 74 lamps, as in few cases the closed circuit tale-tell requirements are different for L1 and L3 category of vehicle from M and N category as referred in UN R 48.
 - B.4. For L3 (UN R 53) and L1 (UN R 74) category of vehicles white or amber colour for the light emitted from Front Position Lamps is permitted.
 - B.5. This proposal is to align minimum vertical angle (above /below) as per Annex 1 of UN R
