

Submitted by the expert from China

Informal document **GRE-90-30**  
90<sup>th</sup> GRE, 29 April-3 May 2024  
agenda item 6.(a)

Questions regarding the interpretation of UN R48-08

## ECE R48-08

There is no requirement for  $h=0.8$  and  $h=1.0$ .

It is recommended to add:

$$0.8 \leq h \leq 1.0$$

“6.2.6.1.2. Depending on the mounting height in metres ( $h$ ) of the lower edge of the apparent surface in the direction of the reference axis of the dipped-beam headlamp, measured on the unladen vehicles, the vertical inclination of the cut-off of the dipped beam shall, under all the static conditions of Annex 5, remain between the following limits and the initial aiming shall have the following values:

$h < 0.8$

Limits: between -0.5 per cent and -2.5 per cent

Initial aiming: between -1.0 per cent and -1.5 per cent

$0.8 < h < 1.0$

Limits: between -0.5 per cent and -2.5 per cent

Initial aiming: between -1.0 per cent and -1.5 per cent

Or, at the discretion of the manufacturer,

Limits: between -1.0 per cent and -3.0 per cent

Initial aiming: between -1.5 per cent and -2.0 per cent

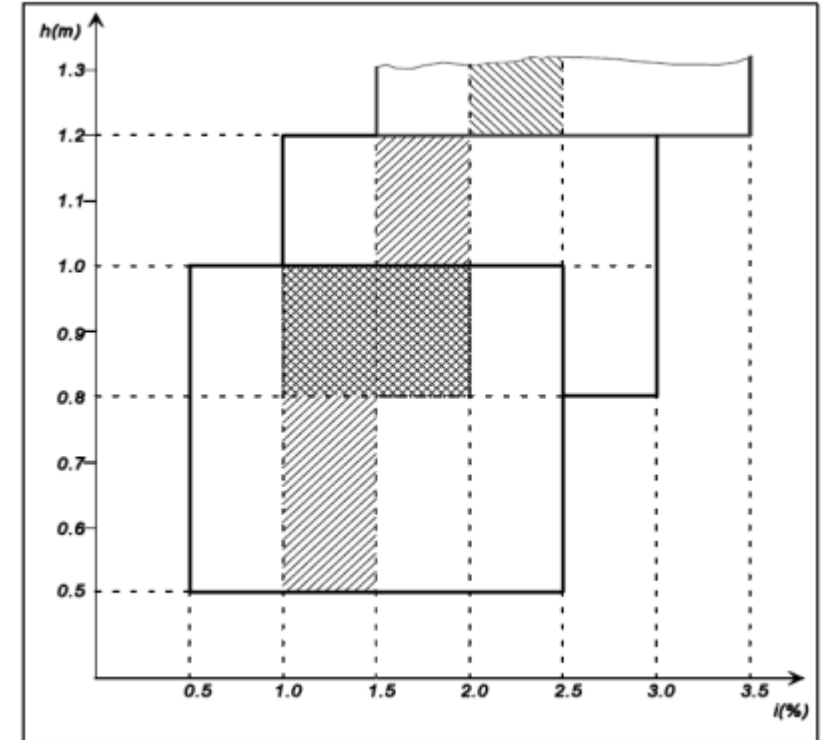
The application for the vehicle type-approval shall, in this case, contain information as to which of the two alternatives is to be used.

$h > 1.0$

Limits: between -1.0 per cent and -3.0 per cent

Initial aiming: between -1.5 per cent and -2.0 per cent

The above limits and the initial aiming values are summarized in the diagram below.



## ECE R48-08

### Parking lamp:

White in front, red at the rear, amber if reciprocally incorporated in the side direction-indicator lamps or in the side-marker lamps.

ECE R48 mentions that if the side facing parking lamps reciprocally incorporated in the side direction-indicator lamps or in the side-marker lamps are amber, what color are the side facing parking lamps without reciprocally incorporated lamps?

## ECE R148-00

- 5.3. Technical requirements concerning parking lamps (symbol 77R)
- 5.3.5. The colour of light emitted shall:
- (a) For forward facing parking lamps be white;
  - (b) For rearward facing parking lamps be red;
  - (c) For side facing parking lamps be amber.

Without any preconditions, the side facing parking lamps are amber.

## ECE R148-01

- 5.3. Parking lamps (77R)
- 5.3.7. Colour:
- The colour of light emitted shall:
- (a) For front parking lamps be white;
  - (b) For rear parking lamps be red;

What color are the side facing parking lamps ?

The chromaticity description of (c) the parking light on the opposite side has been deleted from the 01 series.