

## **GTB proposal of amendment of ECE Reg. 48 for cornering lamp**

Add a new paragraph 2.7.25., to read :

2.7.25. "Cornering lamp" means a lamp used to provide supplementary illumination of that part of the road which is located near to the forward corner of the vehicle at the side towards which the vehicle is going to turn;

Paragraph 2.9.1., amend to read :

2.9.1. "Illuminating surface of a lighting device" (paragraphs 2.7.9., 2.7.10., 2.7.18., 2.7.20 and 2.7.25.) means the orthogonal projection of the full aperture of the reflector, or in the case of headlamps with an ellipsoidal reflector of the "projection lens", on a transverse plane. If the lighting device has no reflector, the definition of paragraph 2.9.2. shall be applied. If the light emitting surface of the lamp extends over part only of the full aperture of the reflector, then the projection of that part only is taken into account.

Paragraph 2.16.1., amend the last sentence to read:

This possible combination does not apply to main beam headlamps, dipped beam headlamps, front fog lamps and cornering lamps.

Paragraph 5.15., add the following sentence at the end :

Cornering lamp : white or yellow

Add a new paragraph 6.20., to read:

6.20. CORNERING LAMP

6.20.1. Presence

Optional on motor vehicles.

6.20.2. Number

Two.

6.20.3. Arrangement

No special requirement.

6.20.4. Position

6.20.4.1. In width: that point on the apparent surface in the direction of the reference axis which is farthest from the vehicle's median longitudinal plane shall not be more than 400 mm from the extreme outer edge of the vehicle.

6.20.4.2. In length: the foremost cornering lamp being not further than 1 m from the front.

6.20.4.3. In height:

minimum: Not less than 250 mm above the ground.

maximum: Not more than 800mm above the ground;

[ However, no point on the apparent surface in the direction of the reference axis must be higher than the highest point on the apparent surface in the direction of the reference axis of the dipped-beam headlamp. ]

6.20.5. Geometric visibility

Defined by angles  $\alpha$  and  $\beta$  as specified in paragraph 2.13.,

$\alpha = 10^\circ$  upwards and downwards,

$\beta = 30^\circ$  to  $60^\circ$  outwards.

6.20.6. Orientation

Towards the front side.

6.20.7. Electrical connections

The cornering lamps must be so connected that they cannot be on unless the main-beam headlamps or the dipped-beam headlamps are on the same time. The cornering lamp on one side of the vehicle shall be activated when the direction indicators on the same side of the vehicle are switched on and/or when the steering angle is changed from the straight-ahead position towards the same side of the vehicle.

6.20.8. Tell-tale

None.

6.20.9. Other requirements

6.20.9.1. The distance between the cornering lamp and front direction indicator lamp on the same side of the vehicle shall be at least 20 mm.

6.20.9.2. The cornering lamps shall not be activated at the vehicle speed above [40] km/h.

6.20.9.3. The vertical inclination shall be specified by the manufacturer. For height see paragraph 6.20.4.3. above.

Annex 1, amend to read:

- .....
- |       |                                      |                  |
|-------|--------------------------------------|------------------|
| 9.22. | Cornering lamps                      | yes/no <u>2/</u> |
| 9.23. | Equivalenet lamps                    | yes/no <u>2/</u> |
| 9.24. | Maximum permissible load in the boot |                  |