

Parking Lamp discussion document

Use of single sided parking lamp illumination when
parking vehicles over 2 m in width



Problem Statement

- Consumer demand and increased safety standards have increased the size of today's vehicles
- UN R48 paragraph 6.12.1. currently prohibits the installation of parking lamps on vehicles exceeding 2 m in width:

6.12.1. Presence

On motor vehicles **not exceeding 6 m in length and not exceeding 2 m in width**, optional.

On all other vehicles, prohibited.



Background Information

- A position lamp can act as a parking lamp:

6.12.9. Other requirements

The functioning of this lamp may also be performed by **simultaneously switching ON the front and rear position lamps on the same side of the vehicle**. In this case, lamps that meet the requirements of front or rear position lamps are deemed to meet the requirements of parking lamps.

- If a position lamp is used as a parking lamp the requirements of 5.11. do not apply:

5.11.1. This requirement does not apply while one or more of the following conditions exist:

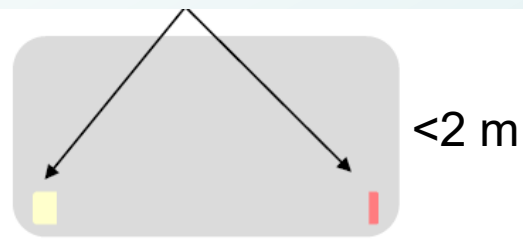
(a) Front and rear position lamps, as well as side-marker lamps when combined or reciprocally incorporated with said lamps **are switched ON as parking lamps**;



Background Information

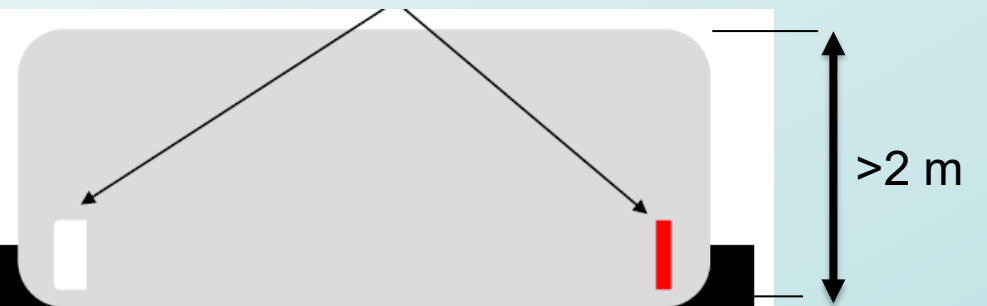
Parking lamp (low intensity) or
position lamp (higher intensity)

Allowed Condition



Parking lamp (low intensity) or
position lamp (higher intensity)

Not allowed





Proposed Solution

- Proposed amendment to allow single side illumination of the parking lamp when a vehicle is parked in a built-up area:

Parking Lamp

- 6.12.1. Presence

On motor vehicles not exceeding 6 m in length ~~and not exceeding 2 m in width~~, optional.

On all other vehicles, prohibited.



Justification

- Modern M1/N1 vehicles have increased in width due to safety systems and for the comfort of occupants. As a result, there are now M1/N1 vehicles in the market which exceed a width of 2 m.
- UN R48 paragraph 6.12. does not allow parking lamps to be fitted to these vehicles.
- To increase the safety of road users this proposal would extend the fitment of parking lamps to vehicles which exceed 2 m in width.