

BELGIAN COMMENTS ON
ECE-TRANS-WP29-2007-74e and ECE-TRANS-WP29-2007-77e

Note: The text reproduced below was prepared by the expert from Belgium to highlight an unnecessary restriction in the text of documents ECE-TRANS-WP29-2007-74e and ECE-TRANS-WP29-2007-77e and to propose suitable corrigenda.

A. PROPOSAL

A1 ECE-TRANS-WP29-2007-74e (ECE R98)

Correct to read:

“6.2.4.2. One additional light source according to Regulation No. 37, **and** / or one or more LED module(s) inside the passing beam headlamp, may be used for the purposes of generating infrared radiation. It/they shall only be activated at the same time as the gas-discharge light source. In the event that the gas-discharge light source fails, this additional light source **and / or LED module(s)** shall be automatically switched off.

The test voltage for the measurement with this additional light source **and / or LED module(s)** shall be the same as in paragraph 6.2.4.4.”

A2 ECE-TRANS-WP29-2007-77e (ECE R112) –

Correct to read:

“6.2.9.2. one additional light source according to Regulation No. 37 **and** / or one or more LED module(s), inside the passing beam headlamp, may be used for the purposes of generating infrared radiation. It/they shall only be activated at the same time as the principal light source or LED module(s). In the event that the principal light source or (one of) the principal LED module(s) fails, this additional light source **and / or LED module(s)** shall be automatically switched off;”

B. JUSTIFICATION

The proposed paragraphs 6.2.4.2 in ECE-TRANS-WP29-2007-74e and 6.2.9.2 in ECE-TRANS-WP29-2007-77e relate to the incorporation of additional light sources into the passing beam headlamp to generate infrared radiation as an important part of the measures being introduced to provide early detection of pedestrians in the road scene. This infrared radiation can be generated by LED modules, incandescent light sources or a combination of both. The current wording in the above-mentioned paragraphs allowing the use of either LED modules OR an incandescent light source according to Regulation 37 presents a restriction to the design freedom necessary to encourage the wider adoption of pedestrian detection systems. Incandescent and LED technologies can be combined to advantage to generate infrared radiation and it is not necessary to limit their use. However, this proposal to allow a mixture of light source technologies to produce infrared radiation does not detract from the established principle that prohibits the mixing of filament lights sources and LED modules to produce the principal passing beam.
