

Proposal for Supplement [x] to UN Regulation No. 48 (Installation of lighting and light-signalling devices)

I. Proposal

Paragraph 2.9.2., amend to read:

“2.9.2. *“Electronic light source control gear”* means one or more components between supply and light source, ~~whether or not integrated with the light source or the applied lamp,~~ to control voltage and/ or electrical current of the light source.”

Paragraph 2.9.2.2., delete:

~~“2.9.2.2. *“Ignitor”* means an electronic light source control gear to start the arc of a gas-discharge light source.”~~

II. Justification

Paragraph 2.9.2.

For light sources with integrated electronics an *“Electronic light source control gear”* comprises of components between the supply and the light emitting elements. The definition was derived from IEC and CIE, where a light source is the light emitting element. Provisions for *“Electronic light source control gear”* are normally used in installation and device regulations, but create confusion in relation to light sources with integrated electronics. Therefore, it is proposed to tune this term to the use in installation and device regulations and no longer specifically mention integration (or not) in the light source; *“Electronic light source control gear”* is not defined in R.E.5., but is part of the light source definition.

Paragraph 2.9.2.2.

The term *“Ignitor”* is not used; therefore, it is proposed to delete this definition.