

DRAFT CORRIGENDUM TO REGULATION No. 48  
(Installation of lighting and light-signalling devices)

Transmitted by the expert from IEC

Concerning  
(Non-) Interchange ability of Light-Source Modules (LSM's)  
with replaceable and approved light sources

**PROPOSAL**

Correct the definition of LSM to read:

"2.7.1.1.3. "Light source module" means an optical part of a device which is specific to that device, is containing one or more non-replaceable light sources, and is only removable from its device with the use of tool(s). **A light source module is so designed that regardless the use of tool(s), it is not mechanically interchangeable with any replaceable approved light source;**"

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**JUSTIFICATION**

Although originally not intended, current provisions in the regulations seem to be not clear enough in preventing that a LSM can be so designed that it can be used as replacement part for replaceable approved light sources, irrespective of the colour of light and the luminous intensity distribution.

By definition, a LSM is part of its device and specific to the device. Therefore, if a LSM designed for a specific device is erroneously or on purpose inserted into a lamp designed for replaceable light sources, safe and proper operation can not be guaranteed and the lamp may no longer be legal.

Normally in automotive applications, a cap or keying of a cap is dedicated to one light source category only to ensure proper operation of the device after replacing the light source. Categories of approved light sources emitting different colours of light cannot be intermixed.

To avoid the "foreseeable abuse" that customers might erroneously regard and use LSM's as legal replacement parts for replaceable approved light sources, a corrigendum to the definition of LSM is proposed.

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