
Proposal for Supplement 42 to the 03 series of amendments of Regulation No. 37

Note: The text reproduced below was prepared by the expert from the International Electrotechnical Commission (IEC) in order to amend data in draft Supplement 40 (WP.29/2012/70) and draft Supplement 41 (WP.29/2013/17). The modifications to the current text of Regulation No. 37 are marked in bold characters.

I. Proposal

Paragraph 3.6.3., amend to read:

"3.6.3. The colour of the light emitted shall be measured by the method specified in Annex 5. Each measured value shall lie within the required tolerance area¹. Moreover, in the case of filament lamps emitting white light, the measured values shall not deviate more than 0.020 unit in the x and/or y direction from a point of choice on the Planckian locus (**CIE 015:2004, 3rd edition**). Filament lamps for use in light signalling devices shall meet the requirements as specified in paragraph 2.4.2. of IEC Publication 60809, Edition 3."

Annex 1, Sheet PY21/5W/1, the row indicating the cap data, amend to read:

"...

Cap BA15d-3 (100°/130°) in accordance with IEC Publication 60061 (sheet 7004- 173-1)
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..."

II. Justification

1. IEC publication 60809 Edition 2 up to and including a new Amendment 6, which is about the testing of non-replaceable filament lamps, the measurement of coloured halogen signalling lamps and the colour endurance test for dual filament light sources, all as discussed in GRE, is being consolidated in Edition 3. This is to update the reference in Regulation No. 37.
2. The reference to the Planckian locus as specified in Publication 15.2 Colorimetry, 1986, was introduced in Supplement 22 to Regulation No. 37 as CIE Publication, which is correct. However, Revision 4 is erroneously specifying this as an IEC Publication. This is corrected now. In the mean time, this CIE Publication was updated as 015:2004 (3rd edition): Colorimetry
3. The IEC cap number for cap BA15d-3 (100°/130°) was assigned recently. This is to update the reference in Regulation No. 37.

¹ For Conformity of Production purposes of amber and red colour only, at least 80 per cent of the measuring results shall lie within the required tolerance area.