

Digital cameras — Measuring low-light performance

Amendment No. 1

International adoption identical

Publishing and Approval Dates

Council of Standards Australia Approval: 22 July 2021

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Summary

This Amendment applies to the following elements:

- Front cover
- Preface
- Amendment 1

Amendment Details

AS ISO 19093:2020 is amended as follows. The amendments should be inserted in the locations as instructed.

Element	Instruction/New text
Front cover	Delete “ISO 19093:2018” and <i>replace</i> with the following: ISO 19093:2018/Amd.1:2020 (Incorporating Amendment No. 1)
Preface	1 After the first paragraph, <i>add</i> the following: Amendment No. 1 to this Standard was prepared by the Joint Standards Australia Committee MS-065, Photography. 2 Delete fourth paragraph and <i>replace</i> with the following: This Standard is identical with, and has been reproduced from, ISO 19093:2018, <i>Photography — Digital cameras — Measuring low-light performance — Amendment No. 1: Chroma decrease calculation (2020)</i> which has been added at the end of the source text.
Amd 1 (new)	After the Bibliography, <i>add</i> the following Amendment No. 1 (2020):

Amendment No. 1

5.5, third paragraph

Replace the third sentence with the following:

“The white patch in the lower left corner (D4) of the centred upper colour patches shall be used as a white reference patch in CIELAB calculation to compensate for colour casts left in the image at low-light levels.”

5.5, last paragraph

Replace the paragraph with the following:

“The chroma decrease shall be calculated as the mean chroma ratio of the 18 colour patches (Patches D1 – D3, E1 – E3, F1 – F3, G1 – G3, H1 – H3, I1 – I3, as described in Annex B) in the centred upper part of the test image and the same colour patches in the reference image.”

B.2.4, table, item list a)

In the column “Patch”, replace the value “C7” in the last row with “C8”.

B.2.4, first paragraph

Replace the paragraph with the following:

“Only the colour patches in the top part of the test chart as displayed in Figure B.1 named D1 – D4, E1 – E3, F1 – F3, G1 – G3, H1 – H3, I1 – I3 are mandatory, the other patches are optional.”