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Furniture - Assessment of the surface reflectance

Táto norma obsahuje anglickú verziu európskej normy.  
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 06/23

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EUROPEAN STANDARD

**EN 13721**

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English Version

**Furniture - Assessment of the surface reflectance**Ameublement - Évaluation de la luminance lumineuse  
des surfaces

Möbel - Bewertung des Oberflächenreflexionsgrades

This European Standard was approved by CEN on 17 March 2023.

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This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

**EN 13721:2023 (E)**

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## European foreword

This document (EN 13721:2023) has been prepared by Technical Committee CEN/TC 207 “Furniture”, the secretariat of which is held by UNI.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by October 2023, and conflicting national standards shall be withdrawn at the latest by October 2023.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 13721:2004.

The main changes compared to the previous edition are listed below:

- revised scope: test method is not applicable to some metallic paints and pearly coatings;
- normative references updated;
- additional terms and definitions “final inspection”, “colorants control” added;
- revised Table 1 Recommended measurement geometries;
- additional 7.2 Conditioning chamber and 7.3 Cleaning cloth added;
- document editorially revised in its entirety.

Any feedback and questions on this document should be directed to the users’ national standards body. A complete listing of these bodies can be found on the CEN website.

According to the CEN-CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.

**EN 13721:2023 (E)****1 Scope**

This document specifies a method for the assessment of the surface reflectance of furniture surfaces and relates to rigid surfaces of all finished products regardless of materials, except for finishes on leather and fabrics, which are excluded from this document.

This document is applicable to the test, intended to be carried out on finished furniture, but can be carried out on test panels of the same material, finished in an identical manner to the finished product, and of a size sufficient to meet the requirements of the test.

The test method is not applicable to some metallic paints and pearly coatings.

**2 Normative references**

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN ISO/CIE 11664-1:2019, *Colorimetry - Part 1: CIE standard colorimetric observers (ISO/CIE 11664-1:2019)*

EN ISO/CIE 11664-2, *Colorimetry - Part 2: CIE standard illuminants (ISO/CIE 11664-2)*

EN ISO/CIE 11664-3, *Colorimetry - Part 3: CIE tristimulus values (ISO/CIE 11664-3)*

EN ISO 18314-1:2018, *Analytical colorimetry - Part 1: Practical colour measurement (ISO 18314-1:2015)*

CIE 1931, *Standard colorimetric colour coordinates*

CIE 1964, *Colorimetry, CIE Standard Recommendations*

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**