

OFTALMILINE OPTIKA. PRILLILÄÄTSED. PÕHINÕUDED  
MÕÕTULÕIKAMATA VIIMISTLETUD  
PRILLILÄÄTSEDELE

Ophthalmic optics - Spectacle lenses - Fundamental  
requirements for uncut finished lenses (ISO  
14889:2025)

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

<p>See Eesti standard EVS-EN ISO 14889:2025 sisaldab Euroopa standardi EN ISO 14889:2025 ingliskeelset teksti.</p> <p>Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.</p> <p>Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 04.06.2025.</p> <p>Standard on kättesaadav Eesti Standardimis- ja Akrediteerimiskeskusest.</p>	<p>This Estonian standard EVS-EN ISO 14889:2025 consists of the English text of the European standard EN ISO 14889:2025.</p> <p>This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation and Accreditation.</p> <p>Date of Availability of the European standard is 04.06.2025.</p> <p>The standard is available from the Estonian Centre for Standardisation and Accreditation.</p>
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ICS 11.040.70

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EUROPEAN STANDARD

EN ISO 14889

NORME EUROPÉENNE

EUROPÄISCHE NORM

June 2025

ICS 11.040.70

Supersedes EN ISO 14889:2013, EN ISO  
14889:2013/A1:2017

English Version

## Ophthalmic optics - Spectacle lenses - Fundamental requirements for uncut finished lenses (ISO 14889:2025)

Optique ophtalmique - Verres de lunettes - Exigences fondamentales relatives aux verres finis non détournés (ISO 14889:2025)

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## European foreword

This document (EN ISO 14889:2025) has been prepared by Technical Committee ISO/TC 172 "Optics and photonics" in collaboration with Technical Committee CEN/TC 170 "Ophthalmic optics" the secretariat of which is held by DIN.

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of an identical text or by endorsement, at the latest by December 2025, and conflicting national standards shall be withdrawn at the latest by December 2025.

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This document has been prepared under a standardization request addressed to CEN by the European Commission. The Standing Committee of the EFTA States subsequently approves these requests for its Member States.

For the relationship with EU Legislation, see informative Annex ZA, which is an integral part of this document.

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The text of ISO 14889:2025 has been approved by CEN as EN ISO 14889:2025 without any modification.

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## Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

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This document was prepared by Technical Committee ISO/TC 172, *Optics and photonics*, Subcommittee SC 7, *Ophthalmic optics and instruments*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 170, *Ophthalmic optics*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This fourth edition cancels and replaces the third edition (ISO 14889:2013), which has been technically revised. It also incorporates the Amendment ISO 14889:2013/Amd.1:2017.

The main changes are as follows:

- dated reference and titles have been brought up-to-date;
- editorial update of the whole document;
- [Figure 1](#) has been updated;
- Terminology has been changed from "inflammability" to "resistance to ignition".

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# Ophthalmic optics — Spectacle lenses — Fundamental requirements for uncut finished lenses

## 1 Scope

This document specifies fundamental requirements for uncut finished spectacle lenses. This document is not applicable to protective spectacle lenses.

This document takes precedence over the corresponding requirements of other standards, if differences exist.

## 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.

ISO 8980-1, *Ophthalmic optics — Uncut finished spectacle lenses — Part 1: Specifications for single-vision and multifocal lenses*

ISO 8980-2, *Ophthalmic optics — Uncut finished spectacle lenses — Part 2: Specifications for power-variation lenses*

ISO 8980-3:2022, *Ophthalmic optics — Uncut finished spectacle lenses — Part 3: Transmittance specifications and test methods*

ISO 8980-4, *Ophthalmic optics — Uncut finished spectacle lenses — Part 4: Specifications and test methods for anti-reflective coatings*

ISO 13666, *Ophthalmic optics — Spectacle lenses — Vocabulary*

## 3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 13666 and the following apply.

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp>
- IEC Electropedia: available at <https://www.electropedia.org/>

### 3.1

#### **manufacturer**

<of an uncut finished spectacle lens> natural or legal person who places the uncut finished lens on the market

## 4 Fundamental requirements for spectacle lenses

### 4.1 Performance

In addition to the requirements specified in this document, uncut finished lenses shall comply with the relevant clauses of ISO 8980-1, ISO 8980-2, ISO 8980-3 and ISO 8980-4.