

Optics and optical instruments — Contact lenses — Determination of the spectral and luminous transmittance

The European Standard EN ISO 8599:1996 has the status of a
British Standard

ICS 11.040.70

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Committees responsible for this British Standard

The preparation of this British Standard was entrusted to Technical Committee CH/78, Ophthalmic optics, upon which the following bodies were represented:

- Association of British Dispensing Opticians
- Association of British Health-care Industries
- Association of Contact Lens Manufacturers
- British College of Optometrists
- British Contact Lens Association
- British Medical Association
- British Spectacle Frame Makers' Association
- British Universities Committee of Contact Lens Educators
- Consumer Policy Committee of BSI
- Department of Health
- Department of Trade and Industry (National Physical Laboratory)
- Federation of Manufacturing Opticians
- Federation of Ophthalmic and Dispensing Opticians
- Flat Glass Manufacturers' Association
- Medical Sterile Products Association
- Optic (UK)
- Royal College of Ophthalmologists

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National foreword

This British Standard has been prepared by Technical Committee CH/78. It is the English language version of EN ISO 8599:1996 *Optics and optical instruments — Contact lenses — Determination of the spectral and luminous transmittance* published by the European Committee for Standardization (CEN). It is identical with ISO 8599:1994 published by the International Organization for Standardization (ISO). EN ISO 8599:1996 was produced as a result of international discussions in which the United Kingdom took an active part.

In drafting this standard, it has been assumed that the procedures described will be carried out by those who are appropriately qualified or under the supervision of experienced personnel.

Cross-references

Publication referred to	Corresponding British Standard
ISO 8320:1986	BS 3521 <i>Terms relating to ophthalmic lenses and spectacle frames</i>
	Part 3:1988 <i>Glossary of terms and symbols relating to contact lenses</i>

Additional information. In 4.2, reference is made to CIE standard illuminant A. Details of this illuminant are given in CIE Publication No. 15.2:1986 *Colorimetry*¹⁾.

Textual errors. When adopting the text of the international standard, the textual errors listed below were discovered. They have been marked in the text and have been reported to ISO in a proposal to amend the international standard.

In 4.2, paragraph 4, line 2, the term “integrating” should be replaced by “simulating” (see paragraph 3, line 4).

In clause 7, note 1, delete the superscript “²” which is applied to the function within parentheses given in the equation for “*M*”.

In Figure 1, the specified aperture and the specified collimating lens have been omitted.

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the EN ISO title page, page 2, the ISO title page, pages ii to iv, pages 1 to 4, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

¹⁾ Available from the Honorary Librarian, National Illumination Committee of Great Britain, c/o The Library, Thorn Lighting Ltd., 146 Lincoln Road, Enfield, Middlesex EN1 1SB, UK.

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Descriptors: See ISO document

English version

Optics and optical instruments — Contact lenses — Determination of the spectral and luminous transmittance (ISO 8599:1994)

Optique et instruments d'optique — Lentilles
de contact — Détermination du facteur spectral
de transmission et du facteur relatif de
transmission dans le visible (ISO 8599:1994)

Optik und optische Instrumente —
Kontaktlinsen – Bestimmung des spektralen
Transmissionsgrades und des
Lichttransmissionsgrades (ISO 8599:1994)

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