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Eyewear display –
Part 22-10: Specific measurement methods for AR type – Optical properties

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International Standard IEC 63145-22-10 has been prepared by IEC technical committee 110: Electronic displays.

The text of this International Standard is based on the following documents:

FDIS	Report on voting
110/1160/FDIS	110/1173/RVD

Full information on the voting for the approval of this International Standard can be found in the report on voting indicated in the above table.

This document has been drafted in accordance with the ISO/IEC Directives, Part 2.

A list of all parts in the IEC 63145 series, published under the general title *Eyewear display*, can be found on the IEC website.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under "http://webstore.iec.ch" in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

A bilingual version of this publication may be issued at a later date.

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EYEWEAR DISPLAY –

Part 22-10: Specific measurement methods for AR type – Optical properties

1 Scope

This part of IEC 63145 specifies the standard measurement conditions and measuring methods for determining the see-through optical properties and imaging quality of augmented reality (AR) eyewear displays. This includes the transmission characteristics and ambient optical performance of the eyewear displays.

Contact lens type displays are out of the scope of this document.

NOTE The relationship between the scope and other documents (IEC 63145-20-10, IEC 63145-22-10) is shown in Annex A.

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/CIE 11664-5, *Colorimetry – Part 5: CIE 1976 L*u*v* colour space and u', v' uniform chromaticity scale diagram*