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3D displays –
Part 62-12: Measurement methods for virtual-image type – Image quality

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3D DISPLAYS –

Part 62-12: Measurement methods for virtual-image type – Image quality

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

Draft	Report on voting
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Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/publications.

A list of all parts in the IEC 62629 series, published under the general title *3D display devices*, 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 webstore.iec.ch in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn, or
- revised.

3D DISPLAYS –

Part 62-12: Measurement methods for virtual-image type – Image quality

1 Scope

This part of IEC 62629 specifies the standard measuring conditions and measurement methods for determining image quality for 3D displays that produce virtual images, such as 3D heads-up displays in which the 3D visual information is superimposed with the outside world. Eyewear displays are however beyond the scope of this document.

The scope of this document does not intend to include eyewear displays considering the difference between a head-up display and an eyewear display in the aspect of eye box size and field of view. The eye-tracking function is disabled in the image quality measurement of this document.

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.

IEC 62629-1-2, *3D display devices – Part 1-2: Generic – Terminology and letter symbols*

IEC 62629-62-11:2022, *3D display devices – Part 62-11: Measurement methods for virtual-image type – Optical*