

INTERNATIONAL STANDARD

NORME INTERNATIONALE

**3D display devices –
Part 22-1: Measuring methods for autostereoscopic displays – Optical**

**Dispositifs d'affichage 3D –
Partie 22-1: Méthodes de mesure des écrans autostéréoscopiques – Optique**



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INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

COMMISSION
ELECTROTECHNIQUE
INTERNATIONALE

PRICE CODE
CODE PRIX



ICS 31.120; 31.260

ISBN 978-2-83220-614-0

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3D DISPLAY DEVICES –

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Optical

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The text of this standard is based on the following documents:

FDIS	Report on voting
110/428/FDIS	110/455/RVD

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

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

A list of all the parts in the IEC 62629 series, under the general title *3D display devices*, can be found on the IEC website.

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3D DISPLAY DEVICES –

Part 22-1: Measuring methods for autostereoscopic displays – Optical

1 Scope

This part of IEC 62629-22 specifies optical measuring methods for autostereoscopic display devices. It defines general measuring procedures for optical characteristics of two-view and multi-view displays and integral imaging displays.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. 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*¹

CIE 15:2004, *Colorimetry*, 3rd Edition

CIE 69:1987, *Methods of characterizing illuminance meters and luminance meters*

3 Terms, definitions and abbreviations

3.1 Terms and definitions

For the purpose of this document, the terms and definitions given in IEC 62629-1-2 apply.

3.2 Abbreviations

For the purposes of this document, the following abbreviations apply.

Abbreviation	Definition
CCD	charge-coupled device
DVD	designed viewing distance
FWHM	full width half maximum
FWTQM	full width at three-quarter maximum
LMD	light measuring device

¹ To be published.