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I.S. EN 61988-4:2007

ICS 33.180.20

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PLASMA DISPLAY PANELS -- PART 4: CLIMATIC AND MECHANICAL TESTING METHODS (IEC 61988-4:2007 (EQV))

This Irish Standard was published under the authority of the National Standards Authority of Ireland and comes into effect on:
21 June 2007

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EN 61988-4

May 2007

ICS 33.180.20

English version

Plasma display panels - Part 4: Climatic and mechanical testing methods
(IEC 61988-4:2007)

Panneaux d'affichage à plasma - Partie 4: Méthodes d'essais climatiques et mécaniques (CEI 61988-4:2007)

Plasmabildschirme - Teil 4: Umwelt-, Lebensdauer- und mechanische Prüfverfahren (IEC 61988-4:2007)

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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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Ref. No. EN 61988-4:2007 E

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Foreword

The text of document 110/107/FDIS, future edition 1 of IEC 61988-4, prepared by IEC TC 110, Flat panel display devices, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61988-4 on 2007-05-01.

The following dates were fixed:

– latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement	(dop)	2008-02-01
– latest date by which the national standards conflicting with the EN have to be withdrawn	(dow)	2010-05-01

Annex ZA has been added by CENELEC.

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Endorsement notice

The text of the International Standard IEC 61988-4:2007 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 61988-2-1	NOTE	Harmonized as EN 61988-2-1:2002 (not modified).
IEC 61988-2-2	NOTE	Harmonized as EN 61988-2-2:2003 (not modified).

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Annex ZA
(normative)

Normative references to international publications with their corresponding European publications

The following referenced documents are indispensable for the application 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.

NOTE When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

Publication	Year	Title	EN/HD	Year
IEC 60068-1	1988	Environmental testing - Part 1: General and guidance	EN 60068-1 [1]	1994
IEC 60068-2-1	1990	Environmental testing - Part 2-1: Tests - Tests A: Cold	EN 60068-2-1 [2]	1993
IEC 60068-2-2	1974	Environmental testing - Part 2-2: Tests - Tests B: Dry heat	EN 60068-2-2 [3]	1993
IEC 60068-2-6	- [4]	Environmental testing - Part 2-6: Tests - Test Fc: Vibration (sinusoidal)	EN 60068-2-6	1995 [5]
IEC 60068-2-13	- [4]	Environmental testing - Part 2-13: Tests - Test M: Low air pressure	EN 60068-2-13	1999 [5]
IEC 60068-2-27	1987	Basic environmental testing procedures - Part 2-27: Tests - Test Ea and guidance: Shock	EN 60068-2-27	1993
IEC 60068-2-30	- [4]	Environmental testing - Part 2-30: Tests - Test Db: Damp heat, cyclic (12 h + 12 h cycle)	EN 60068-2-30	2005 [5]
IEC 60068-2-78	2001	Environmental testing - Part 2-78: Tests - Test Cab: Damp heat, steady state	EN 60068-2-78	2001 [5]
IEC 61747-5	1998	Liquid crystal and solid-state display devices - Part 5: Environmental, endurance and mechanical test methods	EN 61747-5	1998

[1] EN 60068-1 includes corrigendum October 1988 + A1:1992 to IEC 60068-1.

[2] EN 60068-2-1 is superseded by EN 60068-2-1:2007, which is based on IEC 60068-2-1:2007.

[3] EN 60068-2-2 includes supplement A:1976 to IEC 60068-2-2.

[4] Undated reference.

[5] Valid edition at date of issue.

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Publication	Year	Title	EN/HD	Year
IEC 61988-1	- [4]	Plasma display panels - Part 1: Terminology and letter symbols	EN 61988-1	2003 [5]
ISO 2248	- [4]	Packaging - Complete, filled transport packages - Vertical impact test by dropping	EN 22248	1992 [5]
ISO 4180-1	- [4]	Complete, filled transport packages - General rules for the compilation of performance test schedules - Part 1: General principles	EN 24180-1	1992 [5]
ISO 4180-2	- [4]	Complete, filled transport packages - General rules for the compilation of performance test schedules - Part 2: Quantitative data	EN 24180-2	1992 [5]

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