



**NSAI**  
Standards

Irish Standard  
I.S. EN 61747-5-2:2011

Liquid crystal display devices -- Part 5  
-2: Environmental, endurance and  
mechanical test methods - Visual  
inspection of active matrix colour liquid  
crystal display modules (IEC 61747-5  
-2:2011 (EQV))

## I.S. EN 61747-5-2:2011

*Incorporating amendments/corrigenda issued since publication:*

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**Liquid crystal display devices -  
Part 5-2: Environmental, endurance and mechanical test methods -  
Visual inspection of active matrix colour liquid crystal display modules  
(IEC 61747-5-2:2011)**

Dispositifs d'affichage à cristaux liquides -  
Partie 5-2: Méthodes d'essais  
d'environnement, d'endurance et  
mécaniques -  
Inspection visuelle des modules  
d'affichage à cristaux liquides couleurs à  
matrice active  
(CEI 61747-5-2:2011)

Flüssigkristall-Anzeige-Bauelemente -  
Teil 5-2: Umwelt-, Lebensdauer- und  
mechanische Prüfverfahren -  
Sichtprüfung von Flüssigkristall-  
Anzeigemodulen mit Aktiv-Matrix  
Adressierung (Aktiv-Matrix LCDs)  
(IEC 61747-5-2:2011)

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

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**I.S. EN 61747-5-2:2011**

EN 61747-5-2:2011

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**Foreword**

The text of document 110/287/FDIS, future edition 1 of IEC 61747-5-2, prepared by IEC TC 110, Flat panel display devices, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61747-5-2 on 2011-07-21.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN and CENELEC shall not be held responsible for identifying any or all such patent rights.

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) 2012-04-21
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2014-07-21

Annex ZA has been added by CENELEC.

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**Endorsement notice**

The text of the International Standard IEC 61747-5-2:2011 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 61747-6:2004 NOTE Harmonized as EN 61747-6:2004 (not modified).
  - ISO 13406-2:2001 NOTE Harmonized as EN ISO 13406-2:2001 (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.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61747-1 + A1	1998 2003	Liquid crystal and solid-state display devices - Part 1: Generic specification	EN 61747-1 + A1	1999 2003
IEC 61747-5	1998	Liquid crystal and solid-state display devices - Part 5: Environmental, endurance and mechanical test methods	EN 61747-5	1998

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**LIQUID CRYSTAL DISPLAY DEVICES –****Part 5-2: Environmental, endurance  
and mechanical test methods –  
Visual inspection of active matrix  
colour liquid crystal display modules**

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International Standard IEC 61747-5-2 has been prepared by IEC technical committee 110: Flat panel display devices.

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

FDIS	Report on voting
110/287/FDIS	110/306/RVD

Full information on the voting for the approval on 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 parts of the IEC 61747 series, under the general title *Liquid crystal display devices*, can be found on the IEC website.

Future standards in this series will carry the new general title as cited above. Titles of existing standards in this series will be updated at the time of the next edition.

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

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- amended.

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## INTRODUCTION

IEC 61747-5-2 facilitates subjective visual inspection of image defects of LCD modules by the human eye. Visual inspection is performed under specified conditions and criteria, and the objective measurement method of visual image defect by instrument will be studied and standardized.

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