



EDC6 (2619) DTZS
IEC 62341-5:2009

DRAFT TANZANIA STANDARD

(Draft for comments only)

**Organic light emitting diode (OLED) displays - Part 5:
Environmental testing methods**

TANZANIA BUREAU OF STANDARDS

1 National Foreword

This draft Tanzania Standard is being prepared by the Telecommunications and Information Technology Technical Committee, under the supervision of the Electrotechnical divisional standards committee (EDC)

This draft Tanzania Standard is an adoption of the International Standard **IEC 62341-5:2009** Organic light emitting diode (OLED) displays - Part 5: Environmental testing methods, Which has been prepared by the International Electrotechnical Commission

2 Terminology and conventions

Some terminologies and certain conventions are not identical with those used in Tanzania standards; attention is drawn especially to the following: -

- 1) The comma has been used as a decimal marker for metric dimensions. In Tanzania Standards, it is current practice to use "full point" on the baseline as the decimal marker.
- 2) Where the words "International Standard(s)" appear, referring to this standard they should read "Tanzania Standard(s)".



IEC 62341-5

Edition 1.0 2009-11

INTERNATIONAL STANDARD

NORME INTERNATIONALE

Organic light emitting diode (OLED) displays
– Part 5: Environmental testing methods

Afficheurs à diodes électroluminescentes organiques (DELO)
– Partie 5: Méthodes d'essai d'environnement

INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

COMMISSION
ELECTROTECHNIQUE
INTERNATIONALE

PRICE CODE
CODE PRIX

N

ICS 31.260

ISBN 978-2-88910-676-9

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

ORGANIC LIGHT EMITTING DIODE (OLED) DISPLAYS –

Part 5: Environmental testing methods

FOREWORD

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International Standard IEC 62341-5 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
110/192A/FDIS	110/203/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 the parts in the IEC 62341 series, under the general title *Organic light emitting diode (OLED) displays*, can be found on the IEC website.

The committee has decided that the contents of this publication will remain unchanged until the maintenance result 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

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- withdrawn;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

ORGANIC LIGHT EMITTING DIODE (OLED) DISPLAYS –

Part 5: Environmental testing methods

1 Scope

This part of IEC 62341 defines testing methods for evaluating environmental endurance of organic light emitting diode display modules (OLED display modules) for use and storage under the assumed usage environment.

2 Normative references

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.

IEC 60050, *International Electrotechnical Vocabulary (IEV)*

IEC 60068-1:1988, *Environmental testing – Part 1: General and guidance*

IEC 60068-2-1:2007, *Environmental testing – Part 2-1: Tests – Test A: Cold*

IEC 60068-2-2:2007, *Environmental testing – Part 2-2: Tests – Test B: Dry heat*

IEC 60068-2 -5, *Environmental testing – Part 2: Tests – Test Sa: Simulated solar radiation at ground level*

IEC 60068-2-13, *Environmental testing – Part 2: Tests-Test M: Low air pressure*

IEC 60068-2-30, *Environmental testing – Part 2-30: Tests – Test Db: Damp heat, cyclic (12 h + 12 h cycle)*

IEC 60068-2 -78:2001, *Environmental testing – Part 2-78: Tests – Test Cab: Damp heat, steady state*

IEC 61000-4-2, *Electromagnetic compatibility (EMC) – Part 4-2: Testing and measurement techniques – Electrostatic discharge immunity test*

IEC 61747 -5:1998, *Liquid crystal and solid-state display devices – Part 5: Environmental, endurance and mechanical test methods*

IEC 62341-1-2, *Organic light emitting diode displays – Part 1-2: Terminology and letter symbols*

IEC 62341-6-1:2009, *Organic light emitting diode displays – Part 6-1: Measuring methods of optical and electro-optical parameters
s et électro-optiques*