



EDC6 (2618) DTZS  
IEC 62341-1-1:2009

## DRAFT TANZANIA STANDARD

(Draft for comments only)

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**Organic light emitting diode (OLED) displays - Part 1-1:  
Generic specifications**

**TANZANIA BUREAU OF STANDARDS**

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## 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 62341-1-1:2009** 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)”.

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IEC 62341-1-1

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**INTERNATIONAL  
STANDARD**  
NORME  
INTERNATIONALE

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**Organic light emitting diode (OLED) displays**  
– Part 1-1: Generic specifications

**Afficheurs à diodes électroluminescentes organiques (OLED)**  
– Partie 1-1: Spécifications génériques

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ELECTROTECHNICAL  
COMMISSION

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INTERNATIONALE

PRICE CODE  
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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**ORGANIC LIGHT EMITTING DIODE (OLED) DISPLAYS –****Part 1-1: Generic specifications**

## FOREWORD

- 1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, IEC publishes International Standards, Technical Specifications, Technical Reports, Publicly Available Specifications (PAS) and Guides (hereafter referred to as "IEC Publication(s)"). Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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International Standard IEC 62341-1-1 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
110/168/FDIS	110/176/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 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.

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# ORGANIC LIGHT EMITTING DIODE (OLED) DISPLAYS –

## Part 1-1: Generic specifications

### 1 Scope

This part of IEC 62341 is a generic specification for organic light emitting diode (OLED) displays. It defines general procedures for quality assessment to be used in the IECQ-CECC system and establishes general rules for methods of electrical and optical measurements, environmental and mechanical tests and endurance tests.

### 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 60410:1973, *Sampling plans and procedures for inspection by attributes*

IEC 60747-1:2006, *Semiconductor devices – Part 1: General*

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

IEC 62341-5<sup>1</sup>, *Organic light emitting diode (OLED) displays – Part 5: Environmental testing methods*

IEC 62341-6-1<sup>2</sup>, *Organic light emitting diode (OLED) displays – Part 6-1: Measuring methods of optical and electro-optical parameters*

IEC QC 001002 (all parts), *IEC Quality Assessment System for Electronic components (IECQ) – Rules of Procedure*

ISO 2859 (all parts), *Sampling procedures for inspection by attributes*

### 3 Terms, definitions, units and symbols

For the purposes of this document, the terms, definitions, units and symbols given in IEC 62341-1-2 apply.

### 4 Technical aspects

#### 4.1 Order of precedence

Where there are conflicting requirements, documents shall rank in the following order of authority:

- a) the detail specification;
- b) the blank detail specification;

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<sup>1</sup> In preparation.