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# INTERNATIONAL STANDARD



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## Organic light emitting diode (OLED) displays – Part 6-4: Measuring methods of transparent properties

INTERNATIONAL  
ELECTROTECHNICAL  
COMMISSION

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### ORGANIC LIGHT EMITTING DIODE (OLED) DISPLAYS –

#### Part 6-4: Measuring methods of transparent properties

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International Standard IEC 62341-6-4 has been prepared by IEC technical committee 110: Electronic display devices.

The text of this International Standard is based on the following documents:

FDIS	Report on voting
110/843/FDIS	110/866/RVD

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

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

A list of all parts in the IEC 62341 series, published 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 document will remain unchanged until the stability date indicated on the IEC website under "<http://webstore.iec.ch>" in the data related to the specific document. At this date, the document will be

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- withdrawn,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

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## **ORGANIC LIGHT EMITTING DIODE (OLED) DISPLAYS –**

### **Part 6-4: Measuring methods of transparent properties**

#### **1 Scope**

This part of IEC 62341 specifies the standard measurement conditions and measuring methods for determining the optical performance of transparent properties of organic light emitting diode (OLED) display panels and modules. This document includes the display performance under darkroom conditions, and front and back illumination.

#### **2 Normative references**

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 62341-1-2, *Organic light emitting diode (OLED) displays – Part 1-2: Terminology and letter symbols*

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

IEC 62341-6-2, *Organic light emitting diode (OLED) displays – Part 6-2: Measuring methods of visual quality and ambient performance*

ISO 9241-307, *Ergonomics of human-system interaction – Part 307: Analysis and compliance test methods for electronic visual displays*

ISO 11664-2, *Colorimetry – Part 2: CIE standard illuminants*

CIE 15-2004, *Colorimetry*