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PEOPLE'S REPUBLIC OF CHINA**

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**Organic light emitting diode displays - Part 6-2: Test methods -
Visual quality and ambient performance**

有机发光二极管显示器件 第6-2部分：测试方法 视觉质量和亮室性能
(English Translation)

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents" Drafting.

This document is Part 6-2 of GB/T 20871 Organic Light Emitting Diode Display Devices. GB/T 20871 has been published for the following part.

- Part 1-2.Terminology and text symbols;
- Part 6-1.Test methods for optical and optoelectronic parameters;
- Part 6-2.Test methods for visual quality and bright room performance;
- Part 6-3.Image quality test methods.

This document is equivalent to IEC 62341-6-2:2015 "Organic light emitting diode (OLED) display devices Part 6-2.Visual quality Test Methods for Light Room and Bright Room Performance.

The following minimal editorial changes were made to this document.

- Change the standard name to "Organic Light Emitting Diode Display Devices Part 6-2.Test Methods for Visual Quality and Bright Room performance".

Introduction

GB/T 20871 "Organic light-emitting diode display devices" is intended to consist of the following parts.

- Part 1-1.General specification. The purpose is to specify the general requirements for organic light emitting diode display devices.

- Part 1-2.Terminology and text symbols. The purpose is to define the preferred terms, definitions and text symbols for organic light emitting diode displays.

Character number.

- Part 2: Basic ratings and characteristics. The purpose is to specify the basic ratings and characteristics of organic light emitting diode display modules.

- Part 3: Display screen sub-specification. The purpose is to provide the quality assessment procedures and inspection requirements required for evaluating organic light emitting diode displays.

requirements, screening sequences, sampling requirements, tests and test methods.

- Part 4: Display module section specification. The purpose is to specify the quality assessment procedures required for organic light emitting diode display modules, including

Inspection requirements, screening sequences, sampling requirements, tests and test methods.

--- Part 4-1.Detailed specification of display module for under-screen camera. The purpose is to specify the technical specifications of display module for under-screen camera.

Terms and definitions, requirements, quality assessment procedures, and testing procedures.

--- Part 5-1.Environmental test methods. The purpose is to provide the evaluation of organic light emitting diode display modules under specified environmental conditions.

Test methods for adaptability to working and storage environments.

--- Part 5-2.Mechanical test methods. The purpose is to specify the mechanical durability and Test methods for packaging for transport.

--- Part 5-3.Test methods for afterimage and life. The purpose is to specify the afterimage of organic light emitting diode displays and display modules Standard test conditions and test methods for durability and life.

--- Part 6-1.Test methods for optical and optoelectronic parameters. The purpose is to specify the optical properties of organic light emitting diode displays and display modules.

Standard measurement conditions and standard measurement methods for scientific parameters.

--- Part 6-2.Test methods for visual quality and bright room performance. The purpose is to specify the organic light emitting diode display screen and display module Standard test conditions and test methods for visual quality and bright room performance of electrical components.

--- Part 6-3.Image quality test method. The purpose is to specify the image quality of organic light emitting diode displays and display modules Standard test conditions and test methods.

Organic light emitting diode display devices Part 6-2.Test methods Visual Quality and Bright Room Performance

1 Scope

This document specifies standard test conditions for the visual quality and bright room performance of organic light emitting diode (OLED) display modules and displays.
and testing methods.

This document is mainly applicable to color display modules.