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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 47713-2026

**Flexible organic light emitting diode(OLED) panels for general
lighting - Performance specifications**

普通照明用柔性有机发光二极管（OLED）面板 性能规范

(English Translation)

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Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part 1: Structure and Drafting Rules of Standardization Documents".

Drafting.

This document is modified to adopt IEC 63286:2022 "Performance requirements for flexible organic light-emitting diode (OLED) panels for general lighting".

The technical differences between this document and IEC 63286:2022, and the reasons therefor, are as follows.

---IEC 60050-845 and IEC 62504 have been replaced by the normatively referenced GB/T 2900.65 and GB/T 24826 (see section 3).

Chapter), to facilitate collaborative application between standards;

---IEC 62868-2-3 (see Chapter 3 and 4.1) has been replaced with the normatively referenced GB/T 39075.203 to facilitate inter-standard coordination.

Same application;

---The general requirements for testing have been revised (see 4.1) to make this document more accurate in application;

---The additional flag requirements have been changed (see 5.2) to make this document

more accurate in application;

---CIES025 (see 6.1) has been replaced with the normatively referenced GB/T 39394 to facilitate inter-standard collaboration;

---Change the normative reference to IEC 62922 to IEC 62922:2016 (see Chapter 3, 4.2, 6.9, 7.1 and A.2.2) to conform to Regulations for drafting standards in my country.

The following editorial changes have been made to this document.

---To align with existing standards, the standard name has been changed to "Performance of Flexible Organic Light Emitting Diode (OLED) Panels for General Lighting" specification";

---Incorporate the normative reference IEC 62922:2016/AMD1:2021 into IEC 62922:2016;

---Added "Note" on basic signs and sign positions (see 5.1).

Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents.

This document was proposed by the China National Light Industry Council.

This document is under the jurisdiction of the National Technical Committee on Standardization of Lighting Appliances (SAC/TC224).

1 Scope

This document specifies the flexible organic light-emitting diode (OLED) panels (hereinafter referred to as "OLED panels") for indoor and similar general lighting applications.

The performance requirements of the OLED panel ("panel") mean that this type of OLED panel is designed for use in the manufacture of flexible lighting fixtures.

This document applies to flexible OLED panels powered by a ripple-free DC power supply of no more than 120V.

The requirements in this document pertain only to type testing.

Flexible OLED light sheets can also be used with reference to this document.

2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are not included.

For references to documents, only the version corresponding to that date applies to this document; for undated references, the latest version (including all amendments) applies.

This document.

GB/T 2900.65 Electrical Engineering Terminology - Lighting (GB/T 2900.65-2023, IEC 60050-845:2020, IDT) GB/T 24826 Terms and definitions for LED products and related equipment for general lighting (GB/T 24826-2016, IEC 62504) 2014, IDT) GB/T 39075.203 Safety of Organic Light Emitting Diode (OLED) Light Sources for General Lighting - Part 2-3.Particular Requirements OLED film and panel (GB/T 39075.203-2023, IEC 62868-2-3:2021, IDT) GB/T 39394 Test methods for LED lamps, LED luminaires and LED modules (GB/T 39394-2020, CIES025/E.

2015, IDT)

IEC 62922:2016 Performance requirements for organic light-emitting diode (OLED) panels for general lighting.

Note: GB/T 39930-2021 Performance requirements for organic light-emitting diode (OLED) panels for general lighting (IEC 62922:2016, NEQ) IEC TS62972 General Lighting Organic Light Emitting Diode (OLED) Products and Related Equipment. Terms and Definitions tions] OLEDLightSources

3 Terms and Definitions

The following are defined in GB/T 2900.65, GB/T 24826, GB/T 39075.203, IEC 62922:2016 and IEC TS62972, and the following Terms and definitions apply to this document.

Minimum bending radius the flexible OLED panel can be bent into a convex or concave shape to a limit radius without causing panel malfunction.

Note: Minimum bending radius is usually declared by the manufacturer or distributor.