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LOCAL STANDARD OF THE HEILONGJIANG PROVINCE

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## DB23/T 3306-2022

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**Specifications for limiting obtrusive light of urban outdoor**

**LED advertising screens**

城市户外 LED 广告屏干扰光条件限制规范

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## Foreword

This document was drafted in accordance with the provisions of GB/T 1.1-2020 *Directives for standardization - Part 1: Rules for the structure and drafting of standardizing documents*.

Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents.

This document was proposed by and is under the jurisdiction of the Department of Ecology and Environment of Heilongjiang Province.

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# Specifications for limiting obtrusive light of urban outdoor LED advertising screens

## 1 Scope

This document specifies the terms and definitions, test requirements, test methods, limit requirements, LED advertising screen functional characteristics requirements, installation and test qualification reports and records for specifications for limiting obtrusive light of urban outdoor LED advertising screens.

This document is applicable to outdoor LED advertising screens installed in urban roads, residential buildings, outdoor public activity areas and other areas.

## 2 Normative references

The provisions of the following documents constitute the essential clauses of this document through normative references in this text. Among them, for referenced documents with dates, only the versions corresponding to the dates are applicable to this document; for referenced documents without dates, the latest versions (including all amendments) are applicable to this document.

GB/T 38439-2019 Measuring specifications for methods to obtrusive light of outdoor lighting

JGJ/T 163-2008 Code for lighting design of urban nightscape

SJ/T 11281-2007 Measure methods of light emitting diode (LED) panels

## 3 Terms and definitions

The following terms and definitions apply to this document.

### 3.1 LED advertising screen

An advertising display screen composed of an array of LED devices usually includes a control system, a display module, a power supply and structural parts.

### 3.2 illumination

The luminous flux of visible light received per unit area is called illumination for short,

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