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INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

WH/T 83-2019

General technical requirements for moving lights

演出场所电脑灯具通用技术要求

(English Translation)

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Preview: page 1 of 4 shown, 10 in the full document. Complete English PDF, instant download:
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Table of Contents

Preface
1 Scope
2 Normative references
3 Terms and definitions
4 Product Category
4.1 Classification by function
4.2 Classification by light source
4.3 Classification by use environment
5 Technical requirements
5.1 Security
5.2 Electromagnetic compatibility
5.3 Structure
5.4 Electrical performance
5.5 Function
5.6 Optical performance
5.7 Noise
5.8 Control
5.9 Consistency
5.10 Reliability
5.11 Environmental adaptability
6 Inspection and test conditions
7 Inspection method
7.1 Safety inspection
7.2 Electromagnetic compatibility inspection
7.3 Structural inspection
7.4 Electrical performance inspection
7.5 Function test
7.6 Optical performance inspection
7.7 Noise inspection
7.8 Control inspection
7.9 Consistency check
7.10 Reliability test

Preview: page 2 of 4 shown, 10 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/wh-t-83-2019

7.11 Environmental adaptability test
8 Inspection rules
8.1 Inspection requirements
8.2 Inspection classification
8.3 Type inspection
8.4 Delivery inspection
8.5 Periodic inspection
9 Marking, packaging, transportation and storage
9.1 Mark
9.2 Packaging
9.3 Transport
9.4 Storage

Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

Certain contents of this document may involve patents. The issuing agency of this document is not responsible for identifying these patents.

This standard was proposed by the Ministry of Culture and Tourism of the People's Republic of China.

This standard is under the jurisdiction of the National Theater Standardization Technical Committee (SAC/TC388).

The organization responsible for drafting this standard. Performance Venue Equipment Professional Committee of China Performing Arts Equipment Technology Association.

Participated in the drafting of this standard. Guangzhou Haoyang Electronics Co., Ltd., Guangzhou Pearl River Lighting Technology Co., Ltd., Beijing Xingguangying Vision Equipment Technology Co., Ltd., Guangzhou Caiyi Lighting Co., Ltd., Guangzhou Ouma Lighting Equipment Co., Ltd., Foshan Yifeng Electric Co., Ltd.

Industry Co., Ltd., Guangzhou Desheng Optoelectronics Technology Co., Ltd., Hunan Minghe Optoelectronic Equipment Co., Ltd., Shanghai Dongrun Film and Television Stage Lighting Equipment Co., Ltd.

1 Scope

This standard defines the terms and definitions of computer lighting in performance venues (hereinafter referred to as "lamps"), and specifies the product classification and technical

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requirements of lighting Requirements, inspection and test conditions, inspection methods, inspection rules and markings, packaging, transportation and storage.

This standard applies to lamps used in performance venues, and other similar functional venues can be implemented by reference. This standard also applies to performances the self-inspection of the products of the lighting manufacturer in the venue and the testing activities of the lighting in the performance venue by the user or a third-party testing agency.

2 Normative references

The following documents are indispensable for the application of this document. For dated reference documents, only the dated version applies to this article Pieces. For undated references, the latest version (including all amendments) applies to this document.

GB/T 2828.1-2012 Sampling inspection procedure by attributes Part 1: Batch inspection sampling plan retrieved by acceptance quality limit (AQL) GB/T 2829-2002 Periodic Inspection Attribute Sampling Procedure and Table (Applicable to the Inspection of Process Stability) GB 7000.1 Lamps Part 1: General requirements and tests GB 7000.217-2008 Lamps and lanterns part 2-17.special requirements for stage lighting, television, film and photography (indoor and outdoor) lamps GB 17625.1 EMC limit harmonic current emission limit (equipment input current per phase <= 16A) GB/T 17743 Limits and measurement methods of radio disturbance characteristics of electrical lighting and similar equipment GB/T 32486-2016 General technical requirements for stage LED lamps WH/T 26-2007 Photometric test and labeling of stage lighting WH/T 31-2008 Commonly used terms in stage lighting design WH/T 32-2008 DMX512-A light control data transmission protocol WH/T 41-2010 General technical conditions for stage lighting WH/T 61-2013 Performance parameter test method for computer lamps in performance venues

3 Terms and definitions

GB 7000.217-2008, WH/T 26-2007, WH/T 31-2008 and WH/T 41-2010 and the following techniques the terms and definitions apply to this document.

Computer lamps

A lamp that uses a microprocessor to control a transmission mechanism to achieve light beam change and movement.

4.1 Classification by function

Classified by function as follows.

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