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NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB/T 20144-2016

Replacing GB/T 20144-2006

Barrel thread for lamp holders with shade holder ring

带灯罩环的灯座用筒形螺纹

(English Translation)

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Foreword

This standard is drafted in accordance with the rules given in GB/T 1.1-2009 and GB/T .20000.2-2009.

This standard replaces GB/T .20144-2006 "C14 with E27 and lampholders with lampshade ring", and GB/T .20144-2006 Compared to the main technical changes as follows.

--- the standard name changed to "with a shade ring with a lampholder with a cylindrical thread";

--- an overview of the scope, including 1.1 scope and 1.2 normative reference documents related content (see Chapter 1);

- Added terms and definitions (see Chapter 2);

--- Increased requirements for cylindrical threads (Chapter 3);

- change the "E14 and E27 lampholders with shade rings" to "metal or plastic lampholders with metal or plastic shade rings"; delete the table in the case of the lamp holder, increase the "20.8 x 2" size (see standard parameter table).

This standard uses the translation method equivalent to the use of IEC 60399.:2008 "with a shade ring with a lampholder with a cylindrical thread." and the normative reference in this standard international documents are consistent with the relationship between China's documents are as follows.

--- GB 1312-2007 tubular fluorescent lamp holder and starter stand (IEC 60400.:2004, IDT)

--- GB 17935-2007 screw lampholders (IEC 60238.:2004, IDT) - GB 7000.1-2007 lamps - Part 1. General requirements and tests (IEC 60598-1.:2003, IDT) GB 19651.1-2008 Miscellaneous lampholders - Part 1. General requirements and tests (IEC 60838-1.:2004, IDT)

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--- GB 17936-2007 bayonet holder (IEC 61184.:2004, IDT) this standard is proposed by the China Light Industry Federation.

This standard by the National Lighting Standardization Technical Committee (SAC/TC224) centralized.

The standard drafting unit. Hangzhou heyday Technology Instrument Co., Ltd., Guangdong Kay Sheng Lighting Technology Co., Ltd., Beijing Electric Light Source Research Institute.

1.1 Scope

This standard applies to lampholders with cylindrical threads with shade rings, which are used to secure the lamp holder accessories.

This standard also contains shank rings for shade rings.

Contains safety standards for all lampholder safety aspects IEC 60238, IEC 60400, IEC 60838-1 and IEC 61184, and the lamp IEC 60598-1, which contains the fixture design information, should be noted.

1.2 Normative references

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

IEC 60238 screwdriver holder (Edisonscrewlampholders) IEC 60400 tubular fluorescent lamp holder and starter mount (Lampholdersfortubularflurorescentlampsandstarter-holders IEC 60598-1 lamps - Part 1. General requirements and tests (Luminaires-Part 1. Generalrequirementsand test IEC 60838 miscellaneous lamp holder Part 1. General requirements and tests (Miscelaneouslampholders-Part 1. General requirementsandtest IEC 61184 bayonetlampholders

2 Terms and definitions

The following terms and definitions apply to this document.

Barrel thread

Used to support the external thread on the lampholder housing.

Shade ring A cylindrical member having an internal thread supported by the lamp holder housing for supporting or holding the lamp cover.

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3.1 General requirements

For B15 and B22 lampholders, if fitted to Figure 8 of IEC 61184, other cylindrical threads other than those specified in this standard may be used.

For other lampholders, mounted only by lamps or equipment manufacturers may use other cylindrical threads other than those specified in this standard. in in all other cases, the cylindrical threads specified in this standard are mandatory.

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