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

GB/T 1406.2-2026

Replacing GB/T 1406.2-2008

**Types and dimensions of lamp caps - Part 2: Pin lamp caps
(English Translation)**

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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 Part 2 of GB/T 1406 "Types and Dimensions of Lamp Holders". GB/T 1406 has already published the following parts.

---Part 1: Screw-type lamp holders;

---Part 2: Plug-in Lamp Holder;

---Part 3: Prefocused Lamp Holder;

---Part 4: Miscellaneous Lamp Holders;

---Part 5: Bayonet lamp holder.

This document supersedes GB/T 1406.2-2008 "Types and Dimensions of Lamp Holders -

Part 2: Pin-type Lamp Holders", and is consistent with GB/T 1406.2-Compared to 2008, aside from structural adjustments and editorial changes, the main technical changes are as follows.

---Added models GX5, GUZ5.3, GR6d-..., GU6.5, GJ6.6, GU8.5, GX8.5, GUZ10, GX10, 2GX11, GR14q, G14.5 and GX14.5, GX16t-5, GU16d and GX16d, G28d, GH36d-..., GX38, GX51 lamp holders Technical details (see Chapter 4);

---The following models have been changed to G5, 2G7, 2GX7, GZX7d-..., GZY7d-..., GZZ7d-..., 2G8, G8.5, G9, G10q, GU10, Technical details of lamp holders 2G10, 2G11, G13, G22, and GX53 (see Chapter 4, Chapter 3 of the 2008 edition);

---The technical details for lamp holders with model numbers G3.17, GY3.2, and G17.5t-1 have been removed (see Chapter 3 of the 2008 edition).

This document is modified to adopt IEC 60061-1:2005 "Lamp holders, lamp bases and related gauges for the inspection of their safety and interchangeability - Part 1".

Divided into. lamp holders.

Compared with IEC 60061-1:2005, this document has undergone the following structural adjustments.

The technical differences between this document and IEC 60061-1:2005, and the reasons therefor, are as follows.

This document retains only the type and size requirements for pin-type lamp holders in IEC 60061-1:2005, and has removed other types of lamp holders.

The type and size requirements shall be in accordance with the structural design of the sub-sections of GB/T 1406;

---IEC 60238 (see Chapter 4) has been replaced with the normatively referenced GB/T 17935 to facilitate inter-standard application;

---The normative references GB/T 21098 and GB/T 1483.2 (see Chapter 4) have been added to comply with my country's standard drafting regulations.

The following editorial changes have been made to this document.

---To harmonize with existing standards, the standard title has been changed to "Types and Dimensions of Lamp Holders Part 2: Pin-type Lamp Holders";

---Includes IEC 60061-1:1969/AMD36.2005, IEC 60061-1:1969/AMD38.2006, IEC 60061-1:1969/AMD39.2007, IEC 60061-1:1969/AMD41.2009, IEC 60061-1:1969/AMD42.2009, IEC 60061-1:1969/AMD43.2010, IEC 60061-1:1969/AMD44.2010, IEC 60061-1:1969/AMD45.2011, IEC 60061-1:1969/AMD46.2011, IEC 60061-1:1969/AMD47.2011, IEC 60061-1:1969/AMD48.2012, IEC

60061-1:1969/AMD49.2013, IEC 60061-1:1969/AMD51.2014, IEC 60061-1:1969/AMD52.2015, IEC 60061-1:1969/AMD53.2015, IEC 60061-1:1969/AMD56.2017, IEC 60061-1:1969/AMD57.2017, IEC 60061-1:1969/AMD58.2018, IEC 60061-1:1969/AMD59.2019, IEC 60061-1:1969/AMD60.2020, IEC 60061-1:1969/AMD63.2022, IEC 60061-1.

Correction content of 1969/AMD64.2025;

---The lamp holder parameter leaflet number has been changed to include the national standard number before the IEC leaflet number;

---IEC 60081 has been replaced with GB/T 10692, which is used for informational purposes.

---IEC 61549 has been replaced with GB/T 21092, which is used for informational purposes.

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).

Introduction

As an important part of lamp accessories, interchangeability and safety are fundamental requirements for ensuring safe production of lamp holders. GB/T 1406 "Lamp Holders" the "Type and Size of Lamp Heads" aims to standardize the type and size of lamp heads, and proposes to consist of five parts.

---Part 1: Screw-in Lamp Holders. The purpose is to specify the types, basic dimensions, and inspection methods for screw-in lamp holders.

---Part 2: Plug-in Lamp Holders. The purpose is to specify the types, basic dimensions, and inspection methods for plug-in lamp holders.

---Part 3: Prefocused Lamp Holders. The purpose is to specify the types, basic dimensions, and inspection methods for prefocused lamp holders.

---Part 4: Miscellaneous Lamp Holders. The purpose is to specify the types, basic dimensions, and inspection methods for miscellaneous lamp holders.

---Part 5: Bayonet Lamp Holders. The purpose is to specify the types, basic dimensions, and inspection methods for bayonet lamp holders.

GB/T 1406.2-2008 has been published for over ten years, and the types and sizes of lamp holders specified in it are no longer compatible with the current interchangeability and safety of lamp holders.

Improving product safety and quality, standardizing the market, and enhancing the competitiveness of Chinese products are all of great importance.

Lamp holder type and size Part 2: Plug-in Lamp Holder

1 Scope

This document specifies the type and basic dimensions of plug-in lamp holders and describes the corresponding inspection methods.

This document applies to the design and manufacture of electric light source products that use lamp holders of the models specified in this document as lamp accessories. Other electric light sources...

The design of the source product was followed.

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 1483.2 Inspection gauges for lamp holders and sockets - Part 2: Gauges for pin-type lamp holders and sockets (GB/T 1483.2-2026) IEC 60061-3:2005, MOD) GB/T 17935 Screw-type lamp holders (GB/T 17935-2023, IEC 60238:2020, IDT) GB/T 21098 Lamp holders, lamp bases and gauges for testing their safety and interchangeability - Part 4: Guidelines and general information (GB/T 21098-2022, IEC 60061-4:2018, IDT)

3 Terms and Definitions this document does not contain any terms or definitions that need to be defined.

4. Requirements for the type and size of the lamp holder for a table of lamp holder models, names, leaflet numbers, and page numbers, please refer to Appendix A. The parameter leaflets for the lamp holders are as follows.