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

GB/T 19148.2-2026

Replacing GB/T 19148.2-2008

Types and dimensions of lampholders - Part 2: Pin lampholders

灯座的型式和尺寸 第2部分：插脚式灯座

(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 Part 2 of GB/T 19148 "Types and Dimensions of Lamp Holders". GB/T 19148 has already published the following parts.

- Part 1: Screw-in Lamp Holder;
- Part 2: Prong-type lamp holders;
- Part 3: Pre-focused lamp holders;
- Part 4: Miscellaneous Lamp Holders;
- Part 5: Bayonet-type lamp holders.

This document supersedes GB/T 19148.2-2008 "Types and dimensions of lamp holders - Part 2: Plug-in lamp holders", and is consistent with GB/T 19148.2-Compared to 2008, aside from structural adjustments and editorial changes, the main technical changes are as follows.

---Added mounting distances for brackets of models GX5, GUZ5.3, GR6d-, and GR6d-, as well as GU6.5, GJ6.6, GU8.5, and GX8.5.

GUZ10, GX10, 2GX11, GR14q, G14.5, GX14.5, GU16d and GX16d, GX16t-5, G28d, GH36d-. Lamp holders Size requirements (see Chapter 4);

---The model numbers have been changed to GUX2.5d, GUY2.5d, GUZ2.5d, G5, GX5.3, GY5.3, GZX7d-., GZY7d-..

Size requirements for lamp holders GZZ7d-, 2G8, G8.5, G9, G9.5, GX9.5, 2G11, G22, and GX53 (see Chapter 4, 2008) Chapter 3 of the edition);

---The size requirements for the G17.5t-1 lamp holder have been removed (see Chapter 3 of the 2008 edition).

This document is modified to adopt IEC 60061-2:2005 "Lamp holders, lamp bases and related gauges for the inspection of their safety and interchangeability - Part 2." Compared with IEC 60061-2:2005, this document has undergone the following structural adjustments.

---Added Chapter 1 "Scope", Chapter 2 "Normative References" and Chapter 3 "Terms and Definitions".

The technical differences between this document and IEC 60061-2:2005, and the reasons therefor, are as follows.

This document retains only the type and size requirements for pin-type lamp holders in IEC 60061-2:2005, 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 19148;

---Added normative references to GB/T 1406.2 and GB/T 1483.2 (see Chapter 4) to facilitate inter-standard collaborative application;

---IEC 60529 has been replaced with the normatively referenced GB/T 4208-2017 (see Chapter 4) to facilitate inter-standard collaboration;

---IEC 60081 has been replaced with the normatively referenced GB/T 10682 (see Chapter 4) to facilitate inter-standard collaboration;

---IEC 60901 has been replaced with the normatively referenced GB/T 17262 (see Chapter 4) to facilitate inter-standard collaboration;

---The "equivalent inch comparison table" has been removed from the GX5.3 lamp holder and GY5.3 lamp holder to conform to the usage habits in my country.

The following editorial changes have been made to this document.

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

---Includes IEC 60061-2:1969/AMD33.2005, IEC 60061-2:1969/AMD35.2006, IEC 60061-2:1969/AMD36.2007, IEC 60061-2:1969/AMD38.2009, IEC 60061-2:1969/AMD39.2009, IEC 60061-2:1969/AMD40.2010, IEC 60061-2:1969/AMD41.2010, IEC 60061-2:1969/AMD43.2011, IEC 60061-2:1969/AMD44.2011, IEC 60061-2:1969/AMD45.2012, IEC 60061-2:1969/AMD47.2014, IEC 60061-2:1969/AMD48.2014, IEC 60061-2:1969/AMD49.2015, IEC

60061-2:1969/AMD50.2015, IEC 60061-2:1969/AMD52.2017, IEC 60061-2:1969/AMD53.2017, IEC 60061-2:1969/AMD54.2018, IEC 60061-2:1969/Amendments to IEC 60061-2:1969/AMD60.2025;

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

---IEC 60357 has been replaced with GB/T 14094, which is used for informational purposes.

---Added a table of lamp holder models, names, loose-leaf numbers, and page numbers.

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 the safe production of lamp holders. GB/T 19148 the "Types and Dimensions of Lamp Holders" aims to standardize the types and dimensions of lamp holders and is proposed to consist of five parts.

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

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

GB/T 19148.2-2008 has been published for over ten years, and the types and dimensions of lamp holders specified in it are no longer suitable for the interchangeability and safety of current lamp holders.

Sexual requirements. This revision updates the technical requirements for the type and size of plug-in lamp holders, and adds size requirements for various different lamp holder models.

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

Types and sizes of lamp holders Part 2: Prong-type lamp holder

1 Scope

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

This document applies to the design, production, and inspection of plug-in lamp holders.

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 1406.2 Types and dimensions of lamp holders - Part 2: Plug-in lamp holders (GB/T 1406.2-2026, IEC 60061-1) 2005, MOD) 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 4208-2017 Degrees of protection provided by enclosures (IP code) (IEC 60529:2013, IDT) GB/T 17262 Performance requirements for single-ended fluorescent lamps (GB/T 17262-2011, IEC 60901:2007, NEQ) 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) sheets)

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 lamp holders

The model of the lamp holder should conform to the provisions of GB/T 21098.

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.