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

GB/T 19148.3-2026

Replacing GB/T 19148.3-2009

**Types and dimensions of lampholders - Part 3: Prefocus
lampholders**

灯座的型式和尺寸 第3部分：预聚焦式灯座

(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 3 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: Prefocused Lamp Holder;
- Part 4: Miscellaneous Lamp Holders;
- Part 5: Bayonet-type lamp holders.

This document supersedes GB/T 19148.3-2009 "Types and Dimensions of Lamp Holders - Part 3: Prefocusing Lamp Holders" and is consistent with...

Compared with GB/T 19148.3-2009, apart from structural adjustments and editorial changes, the main technical changes are as follows.

---Added models PGJ5, PGZ12, PGZ18, PGZX18, PG18.5d, PGJ18.5d/t, PGJX19, and PGJY19.

The dimensions of the lamp holders for PU20d, PGJ21t, PGJ23t, PX23t, PGJX28, PGJX36, PU43t, PGJ(X)50, and PGJY50 should be...

(See Chapter 4)

---The model numbers PGJ19, PX26d, PY26d-1, PY26d-7, P(X)(Y)26.4t, PJ26.4t, P32, and PK32 have been changed.

Lamp holder size requirements (see Chapter 4, Chapter 3 of the 2008 edition);

---The size requirements for the P18s 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." Lamp holder.

---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 prefocused lamp holders in IEC 60061-2:2005, and has removed requirements for other types of lamps.

The type and size requirements of the base shall meet the structural design requirements of the sub-sections of GB/T 19148;

---The normative references GB/T 1483.3 and GB/T 21098 (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 3: Prefocusing Lamp Holders";

---Includes IEC 60061-2:1969/AMD33.2005, IEC 60061-2:1969/AMD34.2006, IEC 60061-2.1969/AMD36.2007, IEC 60061-2:1969/AMD37.2008, IEC 60061-2:1969/AMD38.2009, IEC 60061-2:1969/AMD39.2009, IEC 60061-2:1969/AMD40.2010, IEC 60061-2:1969/AMD42.2011, IEC 60061-2:1969/AMD43.2011, IEC 60061-2:1969/AMD44.2011, IEC 60061-2:1969/AMD45.2012, IEC 60061-2:1969/AMD46.2013, 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/AMD51.2016, IEC 60061-2:1969/Corrections to AMD54.2018, IEC 60061-2:1969/AMD57.2020;

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

---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.

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 3: Prefocused Lamp Holders. The purpose is to specify the types, basic dimensions, and inspection methods of 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 of bayonet lamp holders.

GB/T 19148.3-2009 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 pre-focused lamp holders, and adds dimensional requirements for various different lamp holder models.

This is of great importance for improving product safety and quality, regulating the market, and enhancing the competitiveness of Chinese products.

significance.

Types and sizes of lamp holders

1 Scope

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

This document applies to the design, manufacture, and inspection of prefocused 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 1483.3 Inspection Gauges for Lamp Holders and Bases - Part 3: Gauges for Prefocusing Lamp Holders and Bases (GB/T 1483.3-2026, IEC 60061-3:2005, MOD) 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 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.