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

GB/T 1406.3-2025

**Types and dimensions of lamp caps - Part 3: Prefocus caps
(English Translation)**

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents" Drafting.

This document is part 3 of GB/T 1406 "Types and dimensions of lamp holders". GB/T 1406 has been published in the following parts.

- Part 1: Screw-on lamp holders;
- Part 2: Pin-type lamp holders;
- Part 3: Prefocusing lamp holders;
- Part 4: Miscellaneous lamp holders;
- Part 5: Bayonet lamp holders.

This document replaces GB/T 1406.3-2021 "Types and dimensions of lamp holders Part 3: Prefocusing lamp holders" and Compared with GB/T 1406.3-2021, in addition to structural adjustments and editorial changes, the main technical changes are as follows.

---Added models PGJ15, PGZ12, PGZ18 PGJ18.5d/t, PGJX19, PU20d, PGJ21t, PGJ23t, PX23t, P(X)(Y)26.4t Dimensional requirements for PGJX36, PU43t, PGJ(X)50, and PGJY50 lamp holders (see 4.2);

--- Changed the size requirements for lamp holders of models PGJ19 and PX26d, PY26d-1..PY26d-7 (see 4.2, 2021 edition 3.2).

This document is modified to adopt IEC 60061-1:2022 "Lamp holders, and gauges for

testing their safety and interchangeability Part 1.

Lamp Head".

This document has made the following structural adjustments compared to IEC 60061-1:2022.

--- Added Chapter 1 "Scope", Chapter 2 "Normative References" and Chapter 3 "Terms and Definitions" to comply with the requirements of my country's standardization documents.

Provisions for the drafting of documents.

The technical differences between this document and IEC 60061-1:2022 and their reasons are as follows.

--- This document only retains the type and size requirements of pre-focused lamp holders in IEC 60061-1:2022, and deletes other types of lamps the type and size requirements of the head to meet the structural settings of the parts of this document;

--- Added normative references GB/T 21098 and GB/T 1483.3 (see Chapter 4);

--- Deleted the restriction requirements of "size R" in the PGJ5 lamp holder loose-leaf, because there is no description in the corresponding figure (see Chapter 4);

--- Change "N2/2" and "N3/2" in the loose-leaf drawing of PU20d lamp holder to "N2" and "N3" to facilitate the understanding and use of the standard.

The following editorial changes were made to this document.

--- Change the name of the standard to "Types and dimensions of lamp holders Part 3: Prefocused lamp holders";

--- The loose-leaf number of lamp holder parameters is changed to add the national standard number before the IEC loose-leaf number;

--- The informative reference GB/T 19148.3 replaces the part of IEC 60061-2 that has been adopted by the national standard to facilitate coordination between standards the parts of IEC 60061-2 not adopted by the national standard shall still be adopted by IEC 60061-2;

--- Added a comparison table of lamp holder models, names, loose-leaf numbers and page numbers (see Appendix A).

Introduction

As an important part of lamp accessories, interchangeability and safety are the basic requirements for ensuring safe production of lamp holders.

The purpose of this standard is to standardize the types and sizes of lamp holders and it is intended to consist of five parts.

--- Part 1: Screw-on lamp caps. The purpose is to specify the types, basic dimensions and inspection methods of screw-on lamp caps.

--- Part 2: Pin-type lamp holders. The purpose is to specify the type, basic dimensions and inspection methods of pin-type lamp holders.

--- Part 3: Prefocusing lamp caps. The purpose is to specify the type, basic dimensions and inspection methods of prefocusing lamp caps.

--- Part 4: Miscellaneous lamp caps. The purpose is to specify the types, basic dimensions and inspection methods of miscellaneous lamp caps.

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

Since the release of GB/T 1406.3-2021, the types and sizes of lamp holders in it have been unable to meet the current interchangeability and safety requirements of lamp holders.

This revision updates the technical requirements for the types and dimensions of focusing lamp holders and adds the dimensional requirements for a variety of different types of lamp holders.

It is of great significance to product safety and quality, market regulation and improving the competitiveness of our country's products.

Lamp cap type and size Part 3: Prefocused lamp holders

1 Scope

This document specifies the types, basic dimensions and inspection methods of prefocused lamp caps.

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

The design of the source product is implemented as a reference.

2 Normative references

The contents of the following documents constitute essential clauses of this document through normative references in this document.

For referenced documents without a date, only the version corresponding to that date applies to this document; for referenced documents without a date, the latest version (including all amendments) applies to this document.

GB/T 1483.3 Lamp caps and lamp holders inspection gauges Part 3: Pre-focusing lamp caps and lamp holders gauges (GB/T 1483.3-2008, IEC 60061-3:2004, MOD) GB/T 21098

Lamp caps, lampholders 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

There are no terms or definitions that require definition in this document.

4 Type and size requirements of lamp holders

The lamp holder model should comply with the provisions of GB/T 21098.

For the comparison table of lamp holder models, names, leaflet numbers and page numbers, please refer to Appendix A. The parameter leaflet of lamp holders is as follows.