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

GB/T 1483.3-2026

Replacing GB/T 1483.3-2008

**Gauges for lamp caps and lampholders - Part 3: Gauges for
prefocus caps and lampholders**

灯头、灯座检验量规 第3部分：预聚焦式灯头、灯座的量规

(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 1483, "Inspection Specifications for Lamp Holders and Bases". GB/T 1483 has already published the following parts.

- Part 1: Gauges for Screw-Type Lamp Holders and Bases;
- Part 2: Gauges for Plug-in Lamp Holders and Recesses;
- Part 3: Gauges for Prefocused Lamp Holders and Bases;
- Part 4: Gauges for Miscellaneous Lamp Holders and Bases;
- Part 5: Gauges for bayonet-type lamp holders and sockets.

This document supersedes GB/T 1483.3-2008 "Inspection Gauges for Lamp Holders and Bases Part 3: Gauges for Prefocused Lamp Holders and Bases".

Compared with GB/T 1483.3-2008, apart from structural adjustments and editorial changes, the main technical changes are as follows.

---Added gauge edge convex lines, PGJ5 lamp holder gauge, PGZ18 and PGZX18 lamp holder gauges, and PU20d lamp holder gauges.

Lamp holder gauge, PGJ21t lamp holder gauge, PX23t lamp holder gauge, PGJX28 lamp holder gauge, PU43t lamp holder gauge Requirements for lamp holder gauges, PGZ12

lamp holder gauges, PG18.5d lamp holder gauges, and PGJ(X)50 lamp holder gauges (see 6.3);

---Changed the gauges for P23t lamp holders (GA), PX26, and PY26d-1~PY26d-7 lamp holders and sockets; and modified the inspection gauges for P43t and PX43t.

The minimum stop gauge for lamp holder size M and the maximum value of lamp holder size Y for P43t, PX43t, PY43d, and PZ43t lamp holders.

Requirements for gauges (see 6.3, Chapter 6 of the 2008 edition).

This document is modified to adopt IEC 60061-3:2005 "Lamp holders, lamp bases and gauges for testing their safety and interchangeability - Part 3: Gauges".

---Added Chapter 1 "Scope", Chapter 2 "Normative References", Chapter 3 "Terms and Definitions", and Chapter 4 "Product Classification and Subscriptions".

"Number" and Chapter 5 "Markings and Packaging".

The technical differences between this document and IEC 60061-3:2005, and the reasons therefor, are as follows.

---This document retains only the gauging requirements for prefocused lamp holders and sockets from IEC 60061-3:2005, and has removed requirements for other types of lamps.

The gauge requirements for the head and lamp holder should meet the structural specifications of the sub-section of GB/T 1483;

---Added normative references to GB/T 1406.3, GB/T 1483.1, GB/T 1957, and GB/T 19148.3 (see 6.3) to conform to...

It conforms to my country's standard drafting regulations.

The following editorial changes have been made to this document.

---To align with existing standards, the standard name has been changed to "Inspection Specifications for Lamp Holders and Lamp Bases Part 3: Prefocusing Lamp Holders and Lamp Bases".

Gauges;

---Includes IEC 60061-3:1969/AMD36.2006, IEC 60061-3:1969/AMD38.2007, IEC 60061-3:1969/AMD39.2009, IEC 60061-3:1969/AMD40.2009, IEC 60061-3:1969/AMD41.2010, IEC 60061-3.

1969/AMD43.2011, IEC 60061-3:1969/AMD45.2011, IEC 60061-3:1969/AMD46.2012, IEC 60061-3:1969/AMD47.2013, IEC 60061-3:1969/AMD48.2014, IEC 60061-3:1969/Corrections to AMD49.2014, IEC 60061-3:1969/AMD52.2016, IEC 60061-3:1969/AMD54.2017 content;

---The informative reference GB/T 230.1 replaces ISO 6508-1;

---The informative reference GB/T 3505 has replaced ISO 4287;

---The gauge parameter leaflet numbers for lamp holders and sockets have been changed to include the national standard number before the IEC leaflet number;

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 important components of lamp accessories, lamp holders and sockets require interchangeability and safety as fundamental requirements for safe production.

Gauges are measuring tools used to inspect the dimensions of lamp holders and sockets, and are important inspection instruments to ensure the safety and interchangeability of lamp holders and sockets. GB/T 1483 the "Inspection Gauge for Lamp Holders and Lamp Bases" aims to standardize the gauges for inspecting the interchangeability of lamp holders and lamp bases, and is proposed to include the following five parts.

---Part 1: Gauges for Screw-in Lamp Holders and Bases. The purpose is to specify the dimensional and safety specifications for inspecting the interchangeability of screw-in lamp holders and bases.

Sexual metric.

---Part 2: Gauges for Plug-in Lamp Holders and Recesses. The purpose is to specify the dimensions and safety specifications for inspecting the interchangeability of plug-in lamp holders and recesses.

Sexual metric.

---Part 3: Gauges for Prefocused Lamp Holders and Bases. The purpose is to specify the dimensions for inspecting the interchangeability of prefocused lamp holders and bases.

---Part 4: Gauges for Miscellaneous Lamp Holders and Bases. The purpose is to specify the dimensional specifications for inspecting the interchangeability and safety of miscellaneous lamp holders and bases.

Gauges.

---Part 5: Gauges for Bayonet Lamp Holders and Bases. The purpose is to specify the dimensions and safety specifications for inspecting the interchangeability of bayonet lamp

holders and bases.

Sexual metric.

GB/T 1483.3-2008 has been published for over ten years, and the inspection gauges for lamp holders and sockets in it are no longer compatible with the current mutual requirements of lamp holders and sockets.

Replaceability and safety requirements. This revision updates the technical requirements for inspection gauges of pre-focused lamp holders and sockets, and adds requirements for various lamp models.

The inspection gauge requirements for lamp heads and lamp holders are crucial for improving product safety and quality, regulating the market, and enhancing the competitiveness of Chinese products.

They all have very important significance.

Lamp holder and socket inspection gauge Part 3: Gauges for Prefocused Lamp Holders and Bases

1 Scope

This document specifies the type and dimensions of gauges, product classifications and codes, and technical requirements for inspecting the interchangeability of prefocused lamp holders and sockets.

Requirements, logos, and packaging.

This document applies to gauges used for inspecting prefocusing lamp holders and bases manufactured according to GB/T 1406.3 and GB/T 19148.3. Other quantities the regulations shall be 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.

2022, MOD)

GB/T 1483.1 Inspection gauges for lamp holders and sockets - Part 1: Gauges for screw-type lamp holders and sockets (GB/T 1483.1-2026) IEC 60061-3:2005, MOD) GB/T 1957 Technical requirements for smooth limit gauges (GB/T 1957-2006,