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

GB/T 21098-2022

**Lamp caps and holders together with gauges for the control of
interchangeability and safety - Part 4: Guidelines and general
information**

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1 Introduction

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 of Standardization Documents" drafted.

This document replaces GB/T 21098-2007 "Lampholders, lampholders and gauges for testing their safety and interchangeability - Part 4. Guidelines and a

"General Information", compared with GB/T 21098-2007, except for structural adjustments and editorial changes, the main technical changes are as follows.

- a) The model naming method of lamp caps and lamp sockets has been changed (see Chapter 1 of 4.1, .2007 edition);
- b) Changed the creepage distances and clearances of lamp caps on finished lamps (see 4.4, Chapter 4 of the .2007 edition);
- c) Added requirements for compliance testing during manufacturing (see 4.11);
- d) Guidelines for general new lighting systems are added (see 4.12);
- e) Changed the word "datum nominal" in "E14 matching lamp glass neck with a nominal diameter less than 22mm" and changed it to "nominal reference" (see 4.14, Chapter 12 of the .2007 edition);
- f) Added system requirements for lamp head interchange (see 4.17);
- g) Added the lamp holder revocation list (see 4.18).

This document is equivalent to IEC 60061-4:2018 "lamp caps, lamp holders and gauges for checking their interchangeability and safety - Part 4. Guidelines

and General Information" (version 4.16).

This document incorporates IEC 60061-4.1990/AMD10.2006, IEC 60061-4.1990/AMD11.2007, IEC 60061-4.

1990/AMD12.2009, IEC 60061-4.1990/AMD13.2010, IEC 60061-4.1990/AMD14.2011, IEC 60061-4.

1990/AMD15.2017, IEC 60061-4.1990/AMD16.2018 amendments, the clauses involved in these amendments have been adopted in their

The vertical double line (||) at the outer margin is indicated.

Three chapters "Scope", "Normative References" and "Terms and Definitions" have been added to this document.

Please note that some content of this document may be patented. The issuing agency of this document assumes no responsibility for identifying patents.

1 Scope

This document prescribes lamp caps, lamp holders, gauge guidelines for checking their safety and interchangeability, and establishes naming rules, fixing methods, mutual exchangeability and safety requirements.

This document applies to the inspection of lamp caps and lamp sockets using gauges whose functions are safety and interchangeability.

2 Normative references

The contents of the following documents constitute essential provisions of this document through normative references in the text. Among them, dated citations

documents, only the version corresponding to that date applies to this document; for undated references, the latest edition (including all amendments) applies to this document.

Note 1. Considering the structure equivalent to adopting international standards, a list of "normative reference documents" is set in some forms, so this chapter only lists the "normative references" that are not set.

Normatively referenced documents in the form of the Referenced Documents list.

GB/T 17935-2007 Screw sockets (IEC 60238.2004, IDT)

Note 2. GB/T 4208-2017 enclosure protection class (IP code) (IEC 60529.2013, IDT)

3 Terms and Definitions

There are no terms and definitions that need to be defined in this document.

4 Lamp caps, lamp holders and gauges for checking their safety and interchangeability guidelines and general information

4.1 Model nomenclature of lamp holder and lamp holder

Model nomenclature for lamp caps and lamp sockets

1 Introduction

The current notation system is to specify lamp bases as various models. This model consists of letters, numbers and symbols, and has the designation meaning.

Obviously, there is a certain relationship between a lamp holder and the lamp holder to which it is applied. This relationship will be reflected in the corresponding model, i.e.

A certain part of this model can be used for both the lamp head and the lamp holder.

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