

Specification for bayonet lampholders with enhanced safety

ICS 29.140.10

Committees responsible for this British Standard

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- British Industrial Ceramic Manufacturers' Association
- British Lighting Association for the Preparation of Standards (Britlaps)
- Consumer Policy Committee of BSI
- Department of Trade and Industry (Consumer Safety Unit, CA Division)
- Electrical Installation Equipment Manufacturers' Association (BEAMA Ltd.)
- Institution of Electrical Engineers
- Lighting Industry Federation Ltd.
- Society of Motor Manufacturers and Traders Limited
- The Lighting Association

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Foreword

This British Standard has been prepared by Subcommittee CPL/34/2.

Lampholders with a bayonet fitting and with enhanced safety features are used mainly in the UK. This standard is to be read in conjunction with BS EN 61184:1997 *Bayonet lampholders*, which it supplements and modifies. All references to lampholders in this standard are to lampholders with enhanced safety. Safety requirements ensure that electrical equipment constructed in accordance with these requirements does not endanger the safety of persons, domestic animals or property when properly installed, maintained and used in applications for which it is intended.

This British Standard has been published to specify requirements and tests for enhanced safety lampholders, which are not included in BS EN 61184 and BS EN 60061-4.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages 1 to 9 and a back cover.

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1 General

1.1 Scope

This British Standard specifies requirements, including safety and testing requirements for bayonet lampholders B15d and B22d with enhanced safety for connection of general lighting service (GLS) lamps and semi-luminaires to a supply voltage not exceeding 250 V. This British Standard also applies so far as is reasonable to such lampholders that are wholly or partly integral with a luminaire or intended to be built into appliances.

NOTE 1 B15 denotes the cap/holder fit as defined in sheet 7004-11 of BS EN 60061-1:1997 and sheet 7005-16 of BS EN 60061-2:1997 with the corresponding gauges.

NOTE 2 B22 denotes the cap/holder fit as defined in sheet 7004-10 of BS EN 60061-1:1997 and sheet 7005-10 of BS EN 60061-2:1997 with the corresponding gauges.

1.2 References

1.2.1 Normative references

This British Standard incorporates, by dated or undated reference, provisions from other publications. These normative references are made at the appropriate places in the text and the cited publications are listed on the inside back cover. For dated references, only the edition cited applies; any subsequent amendments to or revisions of the cited publications apply to this British Standard only when incorporated in the reference by amendment or revision. For undated references, the latest edition of the cited publication applies, together with any amendments.

1.2.2 Informative references

This British Standard refers to other publications that provide information or guidance. Editions of these publications current at the time of issue of this standard are listed on the inside back cover, but reference should be made to the latest editions.

2 Definitions

For the purposes of this British Standard the definitions given in BS EN 61184:1997 apply, together with the addition of **2.21** and **2.22**.

Addition:

2.21

lampholder with enhanced safety

a lampholder with an integral safety device operated by the fitting or by the removal of a lamp, and which either controls the supply to the lamp or restricts access to live parts

Addition:

2.22

switched lampholder with enhanced safety

a lampholder with enhanced safety provided with a manually operated integral switch to control the supply to a lamp

3 General requirements

Replacement:

Lampholders with enhanced safety shall be so designed and constructed that, in normal use, their performance is reliable and with minimal risk of danger to the user or surroundings.

Compliance shall be checked by carrying out all the relevant tests specified.