

Specification for

Fluorescent lamps for general lighting service —

**Part 2: Specification for lamps used in
the United Kingdom not included in
BS EN 60081, BS EN 60901, BS EN 61195
and BS EN 61199**

Confirmed
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Committees responsible for this British Standard

The preparation of this British Standard was entrusted by Technical Committee CPL/34, Lamps and related equipment, to Subcommittee CPL/34/1, Electric lamps, upon which the following bodies were represented:

- British Lighting Association for the Preparation of Standards (BRITLAPS)
- Chartered Institution of Building Services Engineers
- Electricity Association
- Engineering Equipment and Materials Users' Association
- Institution of Lighting Engineers
- Lighting Industry Federation Ltd.
- London Regional Transport
- National Illumination Committee of Great Britain
- Society of Motor Manufacturers and Traders Ltd.

The following bodies were also represented in the drafting of the standard through subcommittees:

- British Sign Association
- Consumer Policy Committee of BSI
- Department of Transport

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Foreword

This New Edition has been prepared by Subcommittee CPL/34/1.

Following the publication of BS EN 60081, BS EN 60901, BS EN 61195 and BS EN 61199, this new edition of BS 1853-2 has been published to take into account the lamps, included in the previous edition, which are not covered by those European standards.

It supersedes BS 1853-2:1979 which is withdrawn.

BS 1853-1:1990 has been superseded by BS EN 60081:1994.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

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 i and ii, pages 1 to 10, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

Section 1. General

1.1 Scope

This British Standard is applicable to those fluorescent lamps which are used in the United Kingdom and which are not specified in BS EN 60081:1994, BS EN 60901:1994, BS EN 61195:1994 or BS EN 61199:1994. It specifies the characteristics of fluorescent lamps for general lighting service, which have pre-heated cathodes and which operate from 50 Hz a.c. mains with or without the aid of a starter and in association with ballasts conforming to BS EN 60920:1991 and BS EN 60921:1991.

1.2 References

1.2.1 Normative references

This British Standard incorporates, by dated or undated reference, provisions from specific editions of 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, any of the cited publication apply to this British Standard only when incorporated in the reference by updating 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.

1.3 Definitions

For the purposes of this Part of BS 1853, the definitions given in BS EN 60081:1994, BS EN 60901:1994, BS EN 61195:1994 and BS EN 61199:1994 apply.

1.4 Lamp specifications

Each lamp shall conform to the requirements given on the appropriate lamp data sheet. The lamp dimensions to be controlled shall be as illustrated for circular lamps on sheet 901-IEC-3004-1 of BS EN 60901:1994 and for U-shaped lamps in Figure 1 of this standard.

1.5 Sampling

The method of selection and the test quantities specified in BS EN 60081:1994, BS EN 60901:1994, BS EN 61195:1994 and BS EN 61199:1994 shall apply, as appropriate.

1.6 Marking, mechanical, physical and starting characteristics

Lamp marking, dimensions and starting characteristics specified in BS EN 60081:1994, BS EN 60901:1994, BS EN 61195:1994 and BS EN 61199:1994 shall apply, as appropriate.

1.7 Requirements and conditions of test for electrical and luminous characteristics and for life

The requirements and conditions of test specified in BS EN 60081:1994, BS EN 60901:1994, BS EN 61195:1994 and BS EN 61199:1994 shall apply, as appropriate.

1.8 Conditions of conformity

The conditions of conformity set out in BS EN 60081:1994, BS EN 60901:1994, BS EN 61195:1994 and BS EN 61199:1994 shall apply, as appropriate. The test methods, ballasts, starters and torsion test holders described in the annexes of BS EN 60081:1994, BS EN 60901:1994, BS EN 61195:1994 and BS EN 61199:1994 shall apply, as appropriate.