

Specification for

Lighting columns —

Part 2: Dimensions and tolerances

This European Standard EN 40-2 was given, as from 30 November 1978, the status of a British Standard and will replace the relevant requirements of BS 1308, BS 1840 and BS 3989 (see national foreword)

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Cooperating organizations

The European Committee for Standardization, under whose supervision this European Standard was prepared, comprises the national standards organizations of the following Western European countries:

Austria	Österreichisches Normungsinstitut
Belgium	Institut Belge de Normalisation
Denmark	Dansk Standardiseringsraad
Finland	Suomen Standardisoimisliitto, r.y.
France	Association Française de Normalisation
Germany	Deutsches Institut für Normung E.V.
Ireland	Institute for Industrial Research and Standards
Italy	Ente Nazionale Italiano di Unificazione
Netherlands	Nederlands Normalisatie-instituut
Norway	Norges Standariseringsforbund
Portugal	Repartição de Normalização
Spain	Instituto Nacional de Racionalización y Normalización
Sweden	Standardiseringskommissionen i Sverige
Switzerland	Association Suisse de Normalisation
United Kingdom	British Standards Institution

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The following BSI references relate to the work on this standard:
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National foreword

This BS/EN is being produced in the following Parts:

- *Part 1: Definitions and terms;*
- *Part 2: Dimensions and tolerances;*
- *Part 3: Materials¹⁾;*
- *Part 4: Surface protection of metal columns¹⁾;*
- *Part 5: Base compartment and cableways¹⁾;*
- *Part 6: Loads¹⁾;*
- *Part 7: Verification of structural design by calculations¹⁾;*
- *Part 8: Verification of structural design by testing¹⁾;*
- *Part 9: Special requirements for concrete columns¹⁾.*

A further Part dealing with special requirements for plastics columns is in an early stage of preparation.

BS 5649 will be issued in Parts as they are completed and approved, and until the whole document is published it will not be possible to supersede the present British Standards for lighting columns. As the Parts are issued recommendations will be given for their implementation together with a list of clauses in the existing standards which they will eventually supersede. It is hoped that a gradual change-over will be obtained which will terminate with the total withdrawal of the existing standards.

The British Standards affected are:

BS 1308:1970, *Specification for concrete street lighting columns.*

BS 1840:1960, *Specification for steel columns for street lighting.*

BS 3989:1966, *Specification for aluminium street lighting columns.*

It is anticipated that the affected clauses in the existing standards will be withdrawn in accordance with the following timetable:

BS 1840 and BS 3989, *One year from the publication of this Part of this standard.*

BS 1308, *Three years from the publication of Parts 6, 7, 8 and 9 of this standard.*

In the interim period it is permissible for dimensions and tolerances for lighting columns to be based on either the existing standards or on BS 5649-2. Purchasers specifying lighting schemes during the interim period should, where possible, permit either alternative.

BS 5649-2 covers some or all of the requirements also covered in the following clauses of the existing British Standards:

BS 1308

- 1.1 Scope
- 1.8.2 Straightness tolerances
- 1.8.3 Column height and bracket projection
- 1.10 Bracket projection
- 1.11 Lantern fixing
- 1.12.1 Door and door opening
- 1.18 Service connections

¹⁾ In course of preparation

BS 1840

- 1 Scope
- 5 Tolerances
- 6 Doors and door openings
- 8 Base-plates
- 10 Service slots
- 11 Relative positions of door openings, service slots and bracket arms
- 12 Recommended depth of columns in the ground
- 13 Lantern fixing

BS 3989

- 1 Scope
- 6 Tolerances
- 8a) Doors and door openings
- 9 Base-plate
- 11 Service slot
- 12 Relative positions of bracket arm, door opening and service slot
- 13 Recommended depths of columns in the ground
- 14 Lantern fixing

This standard includes columns of height greater than those that were envisaged in the scope of the existing BS 1308, BS 1840 and BS 3989. It is therefore inappropriate to use the design loading requirements in these British Standards for columns over 15 m in nominal height; for such columns the loading requirements should be agreed between the purchaser and the supplier, pending the issue of other Parts of this standard.

Advice regarding the choice of planting depth is given in National appendix B.

Convention. In this European Standard the comma has been used as a decimal marker. In British Standards it is current practice to use a full point on the baseline as the decimal marker.

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 to iv, the EN title page, pages 2 to 12 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.

