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British Standard

# Luminaires

Part 102. Particular requirements

## Section 102.18 Specification for luminaires for swimming pools and similar applications

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Luminaires

Partie 102. Règles particulières

Section 102.18 Luminaires pour piscines et usages analogues — Spécifications

Leuchten

Teil 102. Besondere Anforderungen

Abschnitt 102.18 Leuchten für Schwimmbecken und ähnliche Anwendungen

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## National foreword

This Section of BS 4533 has been prepared under the direction of the Electrical Illumination Standards Policy Committee and is the English language version of EN 60 598-2-18 'Luminaires Part 2 : Particular requirements Section eighteen – Luminaires for swimming pools and similar applications', published by the European Committee for Electrotechnical Standardization (CENELEC). It was derived by that organization from IEC Publication 598-2-18 (1984) edition 1, with Amendment No 1 (1987), which has a similar title as that of the European Standard. This Section of BS 4533 supersedes BS 4533 : Section 102.18 : 1985 which is withdrawn.

The CENELEC Common Modifications have been implemented at the appropriate places in the text of IEC Publication 598-2-18 (1984) edition 1, into which Amendment No 1 (1987) has been incorporated, and are indicated by a side line in the margin. The foreword and preface of IEC Publication 598-2-18 (1984) edition 1, the preface of Amendment No 1 (1987) and the deleted parts of the original IEC text which do not form part of the text of EN 60 598-2-18 have been quoted in a national appendix NA. Annexes designated 'normative' are part of the body of the standard. Annexes designated 'informative' are given for information only. National appendices are designated 'informative'.

In **18.1**, **18.2**, **18.12** and **18.13** where the words 'section of Part 2 of IEC Publication 598', 'section of Part 2' and 'section of IEC Publication 598-2' appear they should be read as 'section of BS 4533'. In **18.1** and **18.2** where 'Part 1' appears this should be read as 'Part 101'. Where the words 'Publication 598-1' appear they should be read as 'BS 4533 : Part 101'.

**Cross-references.** Details of other international publications quoted in this British Standard are given in annex ZA. Where there are British Standards corresponding to these international standards the relationships are given in national appendix NB.

**Product certification.** Users of this British Standard are advised to consider the desirability of third party certification of product conformity with this British Standard based on testing and continuing surveillance, which may be coupled with assessment of a supplier's quality systems against the appropriate Part of BS 5750.

Enquiries as to the availability of third party certification schemes will be forwarded by BSI to the Association of Certification Bodies. If a third party certification scheme does not already exist, users should consider approaching an appropriate body from the list of Association members.

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

**Amendment No. 1**  
**published and effective from 15 May 1993**  
**to BS 4533 : Section 102.18 : 1990**

**AMD 7718**  
**EN 60598-2-18/A2 : 1991**

**Luminaires**  
**Part 102. Particular requirements**  
**Section 102.18 Specification for luminaires for**  
**swimming pools and similar applications**

NOTE. The English language version of European Standard EN 60598-2-18 was implemented in the United Kingdom by the publication of BS 4533 : Section 102.18 : 1990. This amendment implements amendment A2 to EN 60598-2-18 : 1991.

This amendment together with European Standard EN 60598-2-18 has the status of a British Standard.

### Revised text

**AMD 7718**  
**1993**

#### National foreword

After paragraph 1 insert the following.

In paragraph 1, line 6, after 'applications', insert 'including Amendment A2,'.

In paragraph 1, line 9, after '(1987)' insert 'and Amendment No. 2 (1990)'.

'There is no amendment A1 to EN 60598-2-18 because amendment 1 : 1987 to IEC 598-2-18 : 1984 was endorsed by EN 60598-2-18 : 1989.'

**AMD 7718**  
**May 1993**

#### EN amendment title page and foreword

Insert the attached EN amendment title page (foreword on reverse).

**AMD 7718**  
**May 1993**

#### Text of EN 60598-2-18

Amend the text of European Standard EN 60598-2-18 in accordance with the details given on the attached page.



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UDC 628.971.7:725.74

Descriptors: Lighting fitting, luminaire, swimming pool, water, tungsten filament lamp, particular requirements

Amendment 2 to the English version of EN 60598-2-18

**Luminaires**  
**Part 2: Particular requirements**  
**Section eighteen – Luminaires for swimming pools**  
**and similar applications**

(A2 : 1990 to IEC 598-2-18 : 1984)

Luminaires  
Deuxième partie: Règles  
particulières  
Section dix-huit – Luminaires pour  
piscines et usages analogues  
(A2 : 1990 à la CEI 598-2-18 : 1984)

Leuchten  
Teil 2 : Besondere Anforderungen  
Hauptabschnitt achtzehn – Leuchten für  
Schwimmbecken und ähnliche  
Anwendungen  
(A2 : 1990 zu IEC 598-2-18)

This amendment A2 modifies the European Standard EN 60598-2-18. It was approved by CENELEC on 1991-06-25. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CENELEC member.

This amendment exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

## **CENELEC**

European Committee for Electrotechnical Standardization  
Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

**Central Secretariat: rue de Stassart 35, B-1050 Brussels**

## Foreword

The proposal of TC 34Z to endorse amendment 2 : 1990 to the International Standard IEC 598-2-18 : 1984 was submitted to the CENELEC members for unique acceptance in August 1990.

The reference document was approved by CENELEC as amendment A2 to EN 60598-2-18 on 25 June 1991.

The following dates were fixed:

- latest date of publication of  
an identical national standard (dop) 1992-06-01
- latest date of withdrawal of  
conflicting national standards (dow) 1992-11-01

For products which have complied with EN 60598-2-18 : 1989 before 1992-11-01, as shown by the manufacturer or by a certification body, this previous standard may continue to apply for production until 1997-11-01.

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**18.13 Resistance to dust and moisture**

After the first sentence of the first paragraph add the following:

The tests according to 18.13.1 shall precede those of Section Nine of Publication 598-1.

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