

Specification for

Safety of household and similar electrical appliances

Part 2. Particular requirements

Section 2.27 Ultra-violet and infra-red radiation skin treatment appliances for household and similar use

The European Standard EN 60335-2-27 : 1992 has the status of a British Standard

Sécurité des appareils électrodomestiques et analogues
Partie 2. Règles particulières
Section 2.27 Appareils de traitement de la peau par rayonnements ultra-violets et infrarouges à usages domestiques et analogues

Sicherheit elektrischer Geräte für den Hausgebrauch und ähnliche Zwecke
Teil 2. Besondere Anforderungen
Abschnitt 2.27 Hautbehandlungsgeräte für den Hausgebrauch und ähnliche Zwecke mit Ultraviolett- und Infrarotstrahlung

UDC 646.75 : 681.784.7 : 64.06-83 : 614.8

Cooperating organizations

The European Committee for Electrotechnical Standardization (CENELEC), under whose supervision this European Standard was prepared, comprises the National Committees of the following countries:

Austria	Italy
Belgium	Luxembourg
Denmark	Netherlands
Finland	Norway
France	Portugal
Germany	Spain
Greece	Sweden
Iceland	Switzerland
Ireland	United Kingdom

This British Standard, having been prepared under the direction of the Light Electrical Engineering Standards Policy Committee, was published under the authority of the Standards Board and comes into effect on 15 December 1992

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The following BSI references relate to the work on this standard:
Committee reference LEL/61
Draft for comment 87/30965 DC

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Amendments issued since publication

Amd. No.	Date	Text affected

Amendment No. 1
published and effective from 15 June 1993
to BS EN 60335-2-27 : 1992

**Specification for safety of household and
similar electrical appliances**
Part 2. Particular requirements
**Section 2.27 Ultra-violet and infra-red
radiation skin treatment appliances for
household and similar use**

NOTE. The English language version of European Standard
EN 60335-2-27 was implemented in the United Kingdom by the
publication of BS EN 60335-2-27 : 1991. This amendment implements
amendment A2 to EN 60335-2-27.

This amendment, together with the European Standard
EN 60335-2-27 : 1990, has the status of a British Standard.

Revised text

AMD 7794
June 1993

National foreword

In paragraph 1, line 5, after '*use*' insert 'including amendment A2'.

In paragraph 2, line 5, after '(1989)', insert 'and Amendment 2 (1991)'.

In paragraph 2, line 8, add the following.

'Text introduced by Amendment 2 to IEC Publication 335-2-27 (1987), second edition,
is indicated by a double side line in the margin.'

Delete paragraph 4 and substitute the following.

'This British Standard is to be read in conjunction with BS 3456 : Part 201 : 1990
General requirements, including the amendments shown in the following table,
which supplement and modify BS 3456 : Part 201.

Amendment to BS 3456 : Part 201 : 1990	Amendment to EN 60335-1 : 1988	Amendment to IEC 335-1 : 1976
Amendment No. 1 : 1990	Amendment 2 : 1988	Amendment No. 4 : 1984
Amendment No. 2 : 1990	Amendment 5 : 1990	Amendment No. 5 : 1986
Amendment No. 3 : 1990	Amendment 6 : 1989	Amendment No. 6 : 1988
Amendment No. 4 : 1992	Amendment A51 : 1991	—
Amendment No. 5 : 1992	Amendment A52 : 1992	—
Amendment No. 6 : 1992	Amendment A53 : 1992	—
Amendment No. 7 : 1993	Amendment A54 : 1992	—

AMD 7794
June 1993

EN amendment title page and foreword

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

AMD 7794
June 1993

Text of EN 60335-2-27

Amend the text of European Standard EN 60335-2-27 in accordance with the details given on the attached pages.

UDC 646.75:681.784.7:64.06-83:614.8

Descriptors: Household electrical appliances, skin treatment appliances, infra-red radiation, ultra-violet radiation, safety requirements, protection against electric shock, fire protection, protection against mechanical hazard

Amendment A2 to the English version of EN 60335-2-27

**Safety of household and similar electrical appliances
Part 2: Particular requirements for ultra-violet and
infra-red radiation skin treatment appliances
for household and similar use**

(Amendment 2 : 1991 to IEC 335-2-27 : 1987)

Sécurité des appareils électrodomestiques
et analogues

Deuxième partie: Règles particulières pour
les appareils de traitement de la peau par
rayonnements ultra-violet et infrarouges à
usage domestiques et analogues

(Amendement 2 : 1991 à la CEI 335-2-27 : 1987)

Sicherheit elektrischer Geräte für den
Hausgebrauch und ähnliche Zwecke

Teil 2: Besondere Anforderungen für
Hautbehandlungsgeräte für den Hausgebrauch
und ähnliche Zwecke mit Ultraviolett-und
Infrarotstrahlung

(Änderung 2 : 1991 zu IEC 335-2-27 : 1987)

This amendment A2 modifies the European Standard EN 60335-2-27 : 1992. It was approved by CENELEC on 15 September 1992. 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 the 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 to endorse amendment 2 : 1991 to IEC 335-2-27 : 1987, document CLC/TC 61 (SEC) 787, was circulated under the enquiry procedure in May 1991.

This proposal was discussed during the Brussels meeting in November 1991 when it was decided to submit a draft for an amendment to EN 60335-2-27 to the voting procedure. This draft was circulated as prAA in March 1992 and was ratified by CENELEC as amendment A2 on 15 September 1992.

There is no amendment A1 to EN 60335-2-27.

This European Standard has been prepared by the secretariat of CENELEC Technical Committee TC 61.

The following dates are applicable:

- latest date of publication of an identical national standard (dop) 1993-07-01
- date of withdrawal of conflicting national standards (dow) 1995-07-01

For products which have complied with EN 60335-2-27 : 1992 before 1995-07-01, as shown by the manufacturer or by a certification body, this previous standard may continue to apply for production until 2000-07-01.

EN 60335-2-27, including this amendment, has to be used in conjunction with EN 60335-1 : 1988, including its amendments A2 : 1988, A5 : 1989, A6 : 1989, A51 : 1991, A52 : 1992, A53 : 1992 and A54 : 1992.

There are no special national conditions (snc) causing a deviation from this amendment.

There are no national deviations from this amendment.

24 Components

24.2 *Replace the modification by:*

Addition:

However, switches controlling the motor for raising or lowering part of the appliance and switches of ordinary portable appliances with a rated current not exceeding 2 A, may be fitted in flexible cables or cords.

Amendment No. 2
published and effective from 15 June 1994
to BS EN 60335-2-27 : 1992

**Specification for safety of household and similar electrical
appliances**
Part 2 Particular requirements
**Section 2.27 Ultra-violet and infra-red radiation skin treatment
appliances for household and similar use**

NOTE. This amendment implements the corrigendum published in
December 1993 to EN 60335-2-27 : 1992.

Correction

National foreword (as amended by Amendment No. 1)
In paragraph 1, line 5, after 'amendment A2' insert 'and the corrigendum published in
December 1993'.

AMD 8208/June 1994

EN foreword

Delete paragraph 13 and substitute the following.

'National deviations from this European Standard are
listed in annex ZY and are in addition to those in
EN 60335-1.'

AMD 8208/June 1994

Annex ZY

After appendix BB, insert the following.

'Annex ZY (informative)

National deviations

A-deviation: National deviation due to regulations, the alteration of which is for the
time being outside the competence of the CENELEC member.

7.12 Finland (Resolution on the limits of exposure to non-ionizing radiation issued by the Ministry of Social
Affairs and Health (1474/92)).

Replace "25 kJ/m²" by "15 kJ/m²" in the explanation.'

AMD 8208/June 1994

EN title page

In the top right of the page below the horizontal rule insert the following.

'Incorporates corrigendum December 1993'

AMD 8208/June 1994

Amendment No. 3
published and effective from 15 June 1994
to BS EN 60335-2-27 : 1992

Specification for safety of household and similar electrical appliances
Part 2. Particular requirements
Section 2.27. Ultra-violet and infra-red radiation skin treatment appliances for household and similar use

NOTE. The English language version of European Standard EN 60335-2-27 was implemented in the United Kingdom by the publication of BS EN 60335-2-27 : 1992. This amendment implements amendment A51 to EN 60335-2-27. This amendment together with the European Standard EN 60335-2-27 : 1992 has the status of a British Standard.

Revised text

National foreword (as amended by Amendments No. 1 and No. 2)
In paragraph 1, line 5, delete 'amendment A2' and substitute 'amendments A2 and A51'.

AMD 8270/June 1994

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

AMD 8270/June 1994

Clause 7 Marking
7.12 Replace in the second explanation '25 kJ/m²' by '15 kJ/m²'.

AMD 8270/June 1994

