



BSI Standards Publication

# Household and similar electrical appliances — Safety

Part 2-27: Particular requirements for  
appliances for skin exposure to ultraviolet  
and infrared radiation

**National foreword**

This British Standard is the UK implementation of EN 60335-2-27:2013. It was derived by CENELEC from IEC 60335-2-27:2009. It supersedes BS EN 60335-2-27:2010, which will be withdrawn on 21 November 2014.

The CENELEC common modifications have been implemented at the appropriate places in the text. The start and finish of each common modification is indicated in the text by tags **C** **C**.

The UK participation in its preparation was entrusted by Technical Committee CPL/61, Safety of household and similar electrical appliances, to Subcommittee CPL/61/1, Motorised appliance group.

A list of organizations represented on this subcommittee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

© The British Standards Institution 2014.  
Published by BSI Standards Limited 2014

ISBN 978 0 580 65769 6

ICS 13.120; 97.170

**Compliance with a British Standard cannot confer immunity from legal obligations.**

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 30 April 2014.

**Amendments/corrigenda issued since publication**

Date	Text affected
------	---------------

EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

# EN 60335-2-27

December 2013

ICS 13.120; 97.170

English version

**Household and similar electrical appliances -  
Safety -  
Part 2-27: Particular requirements for appliances for skin exposure to  
ultraviolet and infrared radiation  
(IEC 60335-2-27:2009, modified)**

Appareils électrodomestiques et  
analogues -  
Sécurité -  
Partie 2-27: Règles particulières pour les  
appareils d'exposition de la peau aux  
rayonnements ultraviolets et infrarouges  
(CEI 60335-2-27:2009, modifiée)

Sicherheit elektrischer Geräte für den  
Hausgebrauch und ähnliche Zwecke -  
Teil 2-27: Besondere Anforderungen für  
Hautbestrahlungsgeräte mit Ultraviolett-  
und Infrarotstrahlung  
(IEC 60335-2-27:2009, modifiziert)

This European Standard was approved by CENELEC on 2013-05-29. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard 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 CEN-CENELEC Management Centre or to any CENELEC member.

This European Standard 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 CEN-CENELEC Management Centre has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

## CENELEC

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

**CEN-CENELEC Management Centre: Avenue Marnix 17, B - 1000 Brussels**

## Foreword

This document EN 60335-2-27:2013 consists of the text of IEC 60335-2-27:2009 prepared by IEC TC 61, "Safety of household and similar electrical appliances", together with the common modifications prepared by the Technical Committee CENELEC TC 61, "Safety of household and similar electrical appliances".

EN 60335-2-27:2013 is based on IEC 60335-2-27:2009, modifying it to fulfil the SSCP requirements for these appliances and to incorporate existing common modifications and interpretation statements.

The following dates are fixed:

- latest date by which the EN has to be implemented  
at national level by publication of an identical  
national standard or by endorsement (dop) 2014-06-13
- latest date by which the national standards conflicting  
with the EN have to be withdrawn (dow) 2014-11-21

This document supersedes EN 60335-2-27:2010.

The principal changes in EN 60335-2-27:2013 as compared with EN 60335-2-27:2010 are as follows (minor changes are not listed):

- clarification of the radiation measurement procedure (32.101);
- guidelines for an exposure time schedule (Annex DD).

This standard covers the Principle Elements of the Safety Objectives for Electrical Equipment Designed for Use within Certain Voltage Limits (LVD - 2006/95/EC).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC [and/or CEN] shall not be held responsible for identifying any or all such patent rights.