

BS EN 60432-3:2013



BSI Standards Publication

# Incandescent lamps — Safety specifications

Part 3: Tungsten-halogen lamps  
(non-vehicle)

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### National foreword

This British Standard is the UK implementation of EN 60432-3:2013. It is identical to IEC 60432-3:2012. It supersedes BS EN 60432-3:2003+A2:2008 which is withdrawn.

The UK participation in its preparation was entrusted by Technical Committee CPL/34, Lamps and Related Equipment, to Subcommittee CPL/34/1, Electric lamps.

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

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Published by BSI Standards Limited 2013.

ISBN 978 0 580 75568 2

ICS 29.140.20

### 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 31 January 2013.

### Amendments issued since publication

Date	Text affected
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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

# EN 60432-3

January 2013

ICS 29.140.20

Supersedes EN 60432-3:2003 + A1:2005 + A2:2008

English version

**Incandescent lamps -  
Safety specifications -  
Part 3: Tungsten-halogen lamps (non-vehicle)  
(IEC 60432-3:2012)**

Lampes à incandescence -  
Prescriptions de sécurité -  
Partie 3: Lampes tungstène-halogène  
(véhicules exceptés)  
(CEI 60432-3:2012)

Glühlampen -  
Sicherheitsanforderungen -  
Teil 3: Halogen-Glühlampen  
(Fahrzeuglampen ausgenommen)  
(IEC 60432-3:2012)

This European Standard was approved by CENELEC on 2012-08-08. 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

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

## Foreword

The text of document 34A/1567/FDIS, future edition 2 of IEC 60432-3, prepared by SC 34A "Lamps" of IEC/TC 34 "Lamps and related equipment", was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 60432-3:2013.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2013-07-18
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2015-08-08

This document supersedes EN 60432-3:2003 + A1:2005 + A2:2008.

EN 60432-3:2013 includes the following significant technical changes with respect to EN 60432-3:2003 + A1:2005 + A2:2008:

- adapting the cold fill pressure requirements and tests for self-shielded lamps to the state of the technology;
- introduction of requirements to fully cover photobiological safety according to EN 62471.

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.

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

## Endorsement notice

The text of the International Standard IEC 60432-3:2012 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 60127-2	NOTE	Harmonised as EN 60127-2.
IEC 60269-3	NOTE	Harmonised as HD 60269-3.
IEC 60335-2-56:2002	NOTE	Harmonised as EN 60335-2-56:2003 (not modified).
IEC 60432-2:1999	NOTE	Harmonised as EN 60432-2:2000 (modified).
IEC 60432-2:1999/A1:2005	NOTE	Harmonised as EN 60432-2:2000/A1:2005 (modified).
IEC 60598-1	NOTE	Harmonised as EN 60598-1.
IEC 60598-2 Series	NOTE	Harmonised as EN 60598-2 Series (partially modified).
IEC 60682	NOTE	Harmonised as EN 60682.
IEC 60838-1	NOTE	Harmonised as EN 60838-1.