

---

---

**Svetilke - 1. del: Splošne zahteve in preskusi (IEC 60598-2:2003 + popravek 2004, spremenjen)**

Luminaires - Part 1: General requirements and tests (IEC 60598-2:2003 + Corrigendum 2004, modified)

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

[SIST EN 60598-1:2005](https://standards.iteh.ai/catalog/standards/sist/c7e95f86-34c4-4cb8-8478-9a8fba877177/sist-en-60598-1-2005)

<https://standards.iteh.ai/catalog/standards/sist/c7e95f86-34c4-4cb8-8478-9a8fba877177/sist-en-60598-1-2005>

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

SIST EN 60598-1:2005

<https://standards.iteh.ai/catalog/standards/sist/c7e95f86-34c4-4cb8-8478-9a8fba877177/sist-en-60598-1-2005>

EUROPEAN STANDARD

**EN 60598-1**

NORME EUROPÉENNE

EUROPÄISCHE NORM

October 2004

ICS 29.140.40

Supersedes EN 60598-1:2000 + A11:2000 + A12:2002  
Incorporates Corrigendum August 2007

English version

**Luminaire**  
**Part 1: General requirements and tests**  
(IEC 60598-1:2003, modified)

Luminaire  
Partie 1: Prescriptions générales et essais  
(CEI 60598-1:2003, modifiée)

Leuchten  
Teil 1: Allgemeine Anforderungen  
und Prüfungen  
(IEC 60598-1:2003, modifiziert)

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

This European Standard was approved by CENELEC on 2004-07-06. 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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, 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 text of the International Standard IEC 60598-1:2003, prepared by SC 34D, Luminaires, of IEC TC 34, Lamps and related equipment, together with common modifications prepared by the Technical Committee CENELEC TC 34Z, Luminaires and associated equipment, was approved by CENELEC as EN 60598-1 on 2004-07-06.

This European Standard supersedes EN 60598-1:2000 + A11:2000 + corrigendum April 2001 + A12:2002.

The following dates were 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) 2005-05-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2007-07-01

Annexes ZA, ZB and ZC have been added by CENELEC.

The contents of the corrigendum of August 2007 have been included in this copy.

**iTeh ~~STANDARD~~ PREVIEW**  
**(standards.iteh.ai)**

SIST EN 60598-1:2005

<https://standards.iteh.ai/catalog/standards/sist/c7e95f86-34c4-4cb8-8478-9a8fba877177/sist-en-60598-1-2005>

### Endorsement notice

The text of the International Standard IEC 60598-1:2003 was approved by CENELEC as a European Standard with agreed common modifications as given below.

#### COMMON MODIFICATIONS

### 3 Marking

3.2.12 **Delete** Note 3.

3.3 **Add** new subclause:

**3.3.101** Where the terminal block is not supplied with the luminaire, the packaging needs to contain the following wording:

"Terminal block not included. Installation may require advice from a qualified person."

### 4 Construction

4.11.6 At the end of the paragraph commencing "Following completion of these tests...", **add**: "[the test voltage however being reduced to 1 500 V]".

### 5 External and internal wiring

5.2.1 **Replace** the indent relating to "fixed luminaires" by:

Fixed luminaires terminals; plugs for engagement with socket-outlets; non-detachable flexible cables or cords; adapters for engagement with supply tracks; appliance inlets; connecting leads (tails):

account shall be taken of national installation rules/practice when deciding whether to supply a connection device or not. Where the luminaire is delivered with connecting leads (tails) and without a means of connection to the supply, the manufacturer of the luminaire shall specify which terminal block may be used which shall conform to EN 60998-2-1 or EN 60998-2-2; either the terminal block to be used shall be specified or the following shall be defined:

- the type of terminal (screw/screwless);
- number of terminals;
- rated voltage;
- rated connecting capacity;
- any necessary preparation of the ends of conductors;
- any fixing method.

The requirements of subclauses 4.6, 4.7.1, 4.7.2, 4.10.1, 11.2, 12 and 13.2 shall be applied.

5.2.2 In paragraph 1, **replace** "IEC 60227 and IEC 60245" by "HD 21 and HD 22".

**Delete** paragraph 2.

Replace table 5.1 by:

**Table 5.1 - Non detachable flexible cables or cords**

|                                   | <b>Rubber</b> | <b>PVC</b>           |
|-----------------------------------|---------------|----------------------|
| Ordinary class I luminaires       | HO3RT-F       | HO3VVH2-F<br>HO3VV-F |
| Ordinary class II luminaires      | HO5RR-F       | HO3VVH2-F<br>HO3VV-F |
| Luminaires other than ordinary    | HO5RN-F       | –                    |
| Portable rough service luminaires | HO7RN-F       | –                    |

## 12 Endurance test and thermal test

12.4.2 c) Line 2, after “90° C” **add**: “(see note \*\*\* to table 12.2 relating to unsleeved fixed wiring)”.

Table 12.2 In note \*\*\* **add** the following:  
 - after “European Installation Standards”: “(HD 384)”;  
 - after “European Cable Standards”: “(HD 21)”.

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

SIST EN 60598-1:2005

<https://standards.iteh.ai/catalog/standards/sist/c7e95f86-34c4-4cb8-8478-9a8fba877177/sist-en-60598-1-2005>

## Annex ZA (normative)

### Normative references to international publications with their corresponding European publications

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

| <u>Publication</u> | <u>Year</u>     | <u>Title</u>  | <u>EN/HD</u>        | <u>Year</u>        |
|--------------------|-----------------|---|---------------------|--------------------|
| IEC 60061-2 (mod)  | – <sup>1)</sup> | Lamp caps and holders together with gauges for the control of interchangeability and safety Part 2: Lampholders | EN 60061-2          | 1993 <sup>2)</sup> |
| IEC 60061-3 (mod)  | – <sup>1)</sup> | Part 3: Gauges  | EN 60061-3          | 1993 <sup>2)</sup> |
| IEC 60065 (mod)    | 2001            | Audio, video and similar electronic apparatus - Safety requirements   | EN 60065            | 2002               |
| IEC 60068-2-75     | – <sup>1)</sup> | Environmental testing Part 2-75: Tests - Test Eh: Hammer tests  | EN 60068-2-75       | 1997 <sup>2)</sup> |
| IEC 60079 (mod)    | Series          | Electrical apparatus for explosive gas atmospheres  | EN 60079            | Series             |
| IEC 60083          | – <sup>1)</sup> | Plugs and socket-outlets for domestic and similar general use standardized in member countries of IEC           | -                   | -                  |
| IEC 60085          | – <sup>1)</sup> | Thermal evaluation and classification of electrical insulation  | HD 566 S1           | 1990 <sup>2)</sup> |
| IEC 60112          | 2003            | Method for the determination of the proof and the comparative tracking indices of solid insulating materials    | EN 60112            | 2003               |
| IEC 60155          | – <sup>1)</sup> | Glow-starters for fluorescent lamps   | EN 60155            | 1995 <sup>2)</sup> |
| IEC 60227 (mod)    | Series          | Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V                             | HD 21 <sup>3)</sup> | Series             |
| IEC 60238          | 1998            | Edison screw lampholders  | EN 60238            | 1998               |
| IEC 60245 (mod)    | Series          | Rubber insulated cables - rated voltages up to and including 450/750 V  | HD 22 <sup>4)</sup> | Series             |
| IEC 60320          | Series          | Appliance couplers for household and similar general purposes   | EN 60320            | Series             |

<sup>1)</sup> Undated reference.

<sup>2)</sup> Valid edition at date of issue.

<sup>3)</sup> The HD 21 series is related to, but not directly equivalent with the IEC 60227 series.

<sup>4)</sup> The HD 22 series is related to, but not directly equivalent with the IEC 60245 series.

| <u>Publication</u> | <u>Year</u>     | <u>Title</u>  | <u>EN/HD</u>         | <u>Year</u>        |
|--------------------|-----------------|---|----------------------|--------------------|
| IEC 60357 (mod)    | - <sup>1)</sup> | Tungsten halogen lamps (non-vehicle) - Performance specifications   | EN 60357             | 2003 <sup>2)</sup> |
| IEC 60360          | - <sup>1)</sup> | Standard method of measurement of lamp cap temperature rise   | EN 60360             | 1998 <sup>2)</sup> |
| IEC 60384-14       | - <sup>1)</sup> | Fixed capacitors for use in electronic equipment - Part 14: Sectional specification: Fixed capacitors for electromagnetic interference suppression and connection to the supply mains | -                    | -                  |
| IEC 60400 (mod)    | - <sup>1)</sup> | Lampholders for tubular fluorescent lamps and starterholders  | EN 60400             | 2000 <sup>2)</sup> |
| IEC 60417          | data-base       | Graphical symbols for use on equipment  | -                    | -                  |
| IEC 60432-1 (mod)  | 1999            | Incandescent lamps - Safety specifications Part 1: Tungsten filament lamps for domestic and similar general lighting purposes   | EN 60432-1           | 2000               |
| IEC 60432-2 (mod)  | - <sup>1)</sup> | Part 2: Tungsten halogen lamps for domestic and similar general lighting purposes   | EN 60432-2           | 2000 <sup>2)</sup> |
| IEC 60432-3        | - <sup>1)</sup> | Part 3: Tungsten-halogen lamps (non-vehicle)  | EN 60432-3           | 2003 <sup>2)</sup> |
| IEC 60529          | 1989            | Degrees of protection provided by enclosures (IP Code)  | EN 60529 + corr. May | 1991<br>1993       |
| IEC 60570          | 2003            | Electrical supply track systems for luminaires  | EN 60570             | 2003               |
| IEC 60598-2 (mod)  | Series          | Luminaires Part 2: Particular requirements  | EN 60598-2           | Series             |
| IEC 60598-2-4      | 1997            | Part 2: Particular requirements -- Section 4: Portable general purpose luminaires   | EN 60598-2-4         | 1997               |
| IEC 60634          | - <sup>1)</sup> | Heat test source (H.T.S.) lamps for carrying out heating tests on luminaires  | EN 60634             | 1995 <sup>2)</sup> |
| IEC 60662          | - <sup>1)</sup> | High-pressure sodium vapour lamps   | EN 60662             | 1993 <sup>2)</sup> |
| IEC 60664-1        | - <sup>1)</sup> | Insulation coordination for equipment within low-voltage systems Part 1: Principles, requirements and tests   | EN 60664-1           | 2003 <sup>2)</sup> |
| IEC 60684          | Series          | Flexible insulating sleeving  | EN 60684             | Series             |
| IEC 60695-2        | Series          | Fire hazard testing Part 2: Test methods  | EN 60695-2           | Series             |
| IEC 60695-2-2      | - <sup>1)</sup> | Part 2: Test methods Section 2: Needle-flame test   | EN 60695-2-2         | 1994               |
| IEC 60838          | Series          | Miscellaneous lampholders   | EN 60838             | Series             |
| IEC 60901          | - <sup>1)</sup> | Single-capped fluorescent lamps - Performance requirements  | EN 60901             | 1996               |



| <u>Publication</u>     | <u>Year</u>     | <u>Title</u>   | <u>EN/HD</u> | <u>Year</u>        |
|------------------------|-----------------|--|--------------|--------------------|
| IEC 60989              | - <sup>1)</sup> | Separating transformers, autotransformers, variable transformers and reactors                              | -            | -                  |
| IEC 60990              | 1999            | Methods of measurement of touch-current and protective conductor current                                   | EN 60990     | 1999               |
| IEC 61032              | 1997            | Protection of persons and equipment by enclosures - Probes for verification                                | EN 61032     | 1998               |
| IEC 61058-1 + A1 (mod) | 2000<br>2001    | Switches for appliances<br>Part 1: General requirements  | EN 61058-1   | 2002               |
| IEC 61184              | - <sup>1)</sup> | Bayonet lampholders  | EN 61184     | 1997 <sup>2)</sup> |
| IEC 61195              | - <sup>1)</sup> | Double-capped fluorescent lamps - Safety specifications  | EN 61195     | 1999               |
| IEC 61199              | 1999            | Single-capped fluorescent lamps - Safety specifications  | EN 61199     | 1999               |
| IEC 61347              | Series          | Lamp controlgear   | EN 61347     | Series             |
| IEC 61347-2-9          | - <sup>1)</sup> | Part 2-9: Particular requirements for ballasts for discharge lamps (excluding fluorescent lamps)           | EN 61347-2-9 | 2001 <sup>2)</sup> |
| IEC 61558-2 (mod)      | Series          | Safety of power transformers, power supply units and similar   | EN 61558-2-5 | Series             |
| IEC 61558-2-5          | - <sup>1)</sup> | Part 2-5: Particular requirements for shaver transformers and shaver supply units                          | EN 61558-2-5 | 1998               |
| IEC 62035 (mod)        | - <sup>1)</sup> | Discharge lamps (excluding fluorescent lamps) - Safety specifications                                      | EN 62035     | 2000 <sup>2)</sup> |
| IEC 80416-1            | - <sup>1)</sup> | Basic principles for graphical symbols for use on equipment<br>Part 1: Creation of symbol originals        | EN 80416-1   | 2001               |
| ISO 75-2               | 1993            | Plastics - Determination of temperature of deflection under load<br>Part 2: Plastics and ebonite           | EN ISO 75-2  | 1996               |
| ISO 4046-4             | 2002            | Paper, board, pulp and related terms - Vocabulary<br>Part 4: Paper and board grades and converted products | -            | -                  |

STANDARD PREVIEW  
standards.iteh.ai

https://standards.iteh.ai/catalog/standards/sist-en-60598-1-2005/9a8fba877177/sist-en-60598-1-2005

## Annex ZB (normative)

### Special national conditions

**Special national condition:** National characteristic or practice that cannot be changed even over a long period, e.g. climatic conditions, electrical earthing conditions. If it affects harmonization, it forms part of the European Standard or Harmonization Document.

For the countries in which the relevant special national conditions apply these provisions are normative, for other countries they are informative.

| <u>Clause</u> | <u>Special national condition</u> |
|---------------|-----------------------------------|
|---------------|-----------------------------------|

|     |                |
|-----|----------------|
| 3.3 | <b>Denmark</b> |
|-----|----------------|

Supply cords of class I luminaires, which are delivered without a plug, shall be provided with a visible tag with the following text:

Vigtigt !  
Lederen med grøn/gul isolation  
må kun tilsluttes en klemme mærket



iTeh STANDARD PREVIEW  
(standards.iteh.ai)

If essential for the safety of the luminaire, the tag shall in addition be provided with a diagram, which shows the connection of the other conductors, or be provided with the following text:

[SIST EN 60598-1:2005](https://standards.iteh.ai/catalog/standards/sist/c7e95f86-34c4-4cb8-8478-9a8fba8f1100/EN-60598-1-2005)

<https://standards.iteh.ai/catalog/standards/sist/c7e95f86-34c4-4cb8-8478-9a8fba8f1100/EN-60598-1-2005>

Før tilslutning af de øvrige ledere,  
se medfølgende vejledning.

Class I luminaires which, according to the exemption for Denmark in subclause 5.2.1, are delivered with a supply cord with a plug in accordance with Standard Sheets DKA 2-1a, DKA 2-1b, C 1b, C 2b, C 3b or C 4, shall either be provided with the above tag or the same information shall be given in an enclosed instruction. The text concerning conductors having green/yellow insulation shall be quoted word-for-word.

NOTE "ø" may be replaced by "oe"; "æ" may be replaced by "ae".

#### Italy

For luminaires of class 0, the manufacturer's instructions shall include the following warning:

"ATTENZIONE - QUESTO APPARECHIO E' IDONEO SOLO PER AMBIENTI ISOLATI"

Clause      Special national condition

4.5.1      **Denmark**

Socket-outlets intended for providing power to other appliances shall be in compliance with Section 107-2-D1, the Standard Sheets being applied as follows:

Class I . . . . . Standard Sheet DK 1-3a

For class I luminaires, the earthing contact of the socket-outlet shall be electrically connected to the earthing terminal of the appliance.

Class II luminaires shall not be fitted with socket-outlets for providing power to other appliances.

**EXEMPTION:**

Socket-outlets supplied from isolation transformers (shaver supply units) and socket-outlets on outdoor luminaires may be in accordance with the requirement of Section 107-2-D1 for fixed socket-outlets.

5.2.1      **Cyprus**

Domestic luminaires intended for connection to a standard United Kingdom 13 A socket must be pre-fitted with an approved plug complying with BS 1363.

Cord sets for domestic luminaires for connection with an appliance inlet must be pre-fitted with an approved plug complying with BS 1363.

Plugs must be fitted with the correct fuse.

[SIST EN 60598-1:2005](https://standards.iteh.ai/catalog/standards/sist/c7e95f86-34c4-4cb8-8478-9a8fba877177/sist-en-60598-1-2005)

[https://standards.iteh.ai/catalog/standards/sist/c7e95f86-34c4-4cb8-8478-](https://standards.iteh.ai/catalog/standards/sist/c7e95f86-34c4-4cb8-8478-9a8fba877177/sist-en-60598-1-2005)

**Denmark**

[9a8fba877177/sist-en-60598-1-2005](https://standards.iteh.ai/catalog/standards/sist/c7e95f86-34c4-4cb8-8478-9a8fba877177/sist-en-60598-1-2005)

Supply cords on single-phase portable luminaires having a rated current not exceeding 10 A shall be provided with a plug according to the following table:

|                    |  | Plug   |                            |
|--------------------|--|--|----------------------------|
| Class of luminaire |  | Section 107-2-D1<br>Standard Sheet                       | EN 50075<br>Standard Sheet |
| I                  | Protection against indirect contact required | DK 2-1a*   |                            |
|                    | Earthing connection not required             | DK 2-1a, DKA 2-1a,<br>DKA 2-1b, C 1b, C 2b,<br>C 3b, C 4 |                            |
| II                 |  | DKA 2-1a, DKA 2-1b,<br>C 1b, C 5, C 6                    | I                          |

\* Luminaires fitted with a socket-outlet for providing power to other appliances.

For luminaires which are mainly used in locations where protection against indirect contact is required, see Section 10, § 17.

Clause      Special national condition

## 5.2.1 (cont'd)

For luminaires having an appliance inlet, the plug on the supply cord shall comply with the above requirements. If other single-phase luminaires having a rated current not exceeding 10 A are provided with a supply cord with a plug, the plug shall comply with the above requirements.

**EXEMPTION:**

If single-phased fixed class I luminaires, intended for use in homes, and for which protection against indirect contact is required according to Section 10 of the Heavy Current Regulations, are provided with a plug, this plug may, until further notice, be in accordance with Standard Sheet DKA 2-1a, DKA 2-1b, C 1b, C 2b, C 3b or C 4, provided that the cord close to the plug is marked as required in § 3.3.

If multi-phase luminaires and single-phase luminaires having a rated current exceeding 10 A are provided with a supply cord with a plug, the plug shall comply with the following table:

| Class of luminaire                | Plug                               |                               |
|-----------------------------------|------------------------------------|-------------------------------|
|                                   | Section 107-2-D1<br>Standard Sheet | Section 117<br>Standard Sheet |
| I                                 | DK 6-1a                            | II                            |
| II                                | DK7-1a*                            | II*                           |
| * Earthing contact not connected. |                                    |                               |

(standards.iteh.ai)

**Finland and Sweden**

SIST EN 60598-1:2005

For luminaires provided with non-detachable flexible cables and cords and a plug, the plug shall comply with the requirements of CEE Publication 7 and EN 50075, the Standard Sheets to be applied being as follows:

- Class I luminaires                      CEE 7, sheet IV or VII
- Class II luminaires                      CEE 7, sheet XVI (alt I only) or CEE 7, sheet XVII or  
EN 50075, sheet I

**United Kingdom**

Domestic luminaires intended for connection to a standard United Kingdom 13 A socket must be pre-fitted with an approved plug complying with BS 1363.

Cord sets for domestic luminaires for connection with an appliance inlet must be pre-fitted with an approved plug complying with BS 1363.

Plugs must be fitted with the correct fuse.

## Annex ZC (informative)

### A-deviations

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

This European Standard falls under Directive 73/23/EEC.

NOTE (from CEN/CENELEC IR Part 2, 3.1.9) Where standards fall under EC Directives, it is the view of the Commission of the European Communities (OJ No C 59; 1982-03-09) that the effect of the decision of the Court of Justice in case 815/79 Cremonini/Vrankovich (European Court Reports 1980, p. 3583) is that compliance with A-deviations is no longer mandatory and that the free movement of products complying with such a standard should not be restricted except under the safeguard procedure provided for in the relevant Directive.

A-deviations in an EFTA-country are **valid instead** of the relevant provisions of the European Standard in that country until they have been removed.

| <u>Clause</u> | <u>Deviation</u> |
|---------------|------------------|
|---------------|------------------|

|                  |   |
|------------------|---|
| <b>4 &amp; 5</b> | <b>France</b> (Arrêté of the 22 <sup>th</sup> September 1969) |
|------------------|---|

Socket-outlets 10/16 A intended for providing power to other appliances except those supplied by an isolating transformer shall be shuttered.

|             |  |
|-------------|--|
| <b>13.3</b> | <p><b>France</b> (Regulation on the safety against fire and panic hazards in premises open to public. Arrêté of the 19<sup>th</sup> November 2001.)</p> <p>External parts of fixed or suspended luminaires shall be subjected to a glow-wire test, the glow-wire temperature is : <a href="http://standards.iteh.ai/catalog/standards/sist/6795f86-34e4-41b8-8478-9a8fb877177/sist-en-60598-1-2005">SIST EN 60598-1:2005</a></p> <ul style="list-style-type: none"> <li>- 850°C for general purpose luminaires installed in closed horizontal routes and stairs;</li> <li>- 850°C for general purpose luminaires installed in premises open to public if the total visible surface of the luminaires is more than 25% of the premise surface;</li> <li>- 750°C for the other general purpose luminaires installed in premises open to public</li> </ul> <p>(Regulation on the safety against fire in high buildings. Arrêté of the 18th October 1977.)</p> <p>External parts of fixed or suspended luminaires shall be subjected to a glow-wire test, the glow-wire temperature is :</p> <ul style="list-style-type: none"> <li>- 960°C for general purpose luminaires installed in all emergency exits;</li> <li>- 750°C for the other general purpose luminaires installed in premises open to the public.</li> </ul> <p><b>United Kingdom</b> (Approved Document B of the United Kingdom Building Regulations)</p> <p>Particular fire protection requirements relating to thermoplastic diffusers are listed in clause 7.15 of the above Regulations.</p> |
|-------------|--|

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

SIST EN 60598-1:2005

<https://standards.iteh.ai/catalog/standards/sist/c7e95f86-34c4-4cb8-8478-9a8fba877177/sist-en-60598-1-2005>

# INTERNATIONAL STANDARD

# IEC 60598-1

Sixth edition  
2003-10

---

---

**Luminaires –**

**Part 1:  
General requirements and tests**

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

SIST EN 60598-1:2005

<https://standards.iteh.ai/catalog/standards/sist/c7e95f86-34c4-4cb8-8478-9a8fba877177/sist-en-60598-1-2005>

© IEC 2003 Copyright - all rights reserved

No part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

International Electrotechnical Commission, 3, rue de Varembe, PO Box 131, CH-1211 Geneva 20, Switzerland  
Telephone: +41 22 919 02 11 Telefax: +41 22 919 03 00 E-mail: [inmail@iec.ch](mailto:inmail@iec.ch) Web: [www.iec.ch](http://www.iec.ch)



Commission Electrotechnique Internationale  
International Electrotechnical Commission  
Международная Электротехническая Комиссия

PRICE CODE **XJ**

*For price, see current catalogue*