



SLOVENSKI STANDARD
SIST EN 60901:2001/A4:2008
01-maj-2008

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Single-capped fluorescent lamps - Performance specifications (IEC 60901:1996/A4:2007)

Einseitig gesockelte Leuchtstofflampen - Anforderungen an die Arbeitsweise (IEC 60901:1996/A4:2007)

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Lampes a fluorescence a culot unique - Prescriptions de performances (CEI 60901:1996/A4:2007)

[SIST EN 60901:2001/A4:2008](https://standards.iteh.ai/catalog/standards/sist/858755d5-43fe-4938-a22a-374bf79f8c06/sist-en-60901-2001-a4-2008)
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Ta slovenski standard je istoveten z: EN 60901:1996/A4:2008

ICS:

29.140.30 ~~Ø [!^•& } } ^ Á áq \ ^ Ü áq \ ^~~ Fluorescent lamps.
 Discharge lamps

SIST EN 60901:2001/A4:2008 **en,fr**

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English version

**Single-capped fluorescent lamps -
Performance specifications
(IEC 60901:1996/A4:2007)**

Lampes à fluorescence à culot unique -
Prescriptions de performances
(CEI 60901:1996/A4:2007)

Einseitig gesockelte Leuchtstofflampen -
Anforderungen an die Arbeitsweise
(IEC 60901:1996/A4:2007)

This amendment A4 modifies the European Standard EN 60901:1996; it was approved by CENELEC on 2008-02-01. 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, Bulgaria, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the 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 document 34A/1234/FDIS, future amendment 4 to IEC 60901:1996, prepared by SC 34A, Lamps, of IEC TC 34, Lamps and related equipment, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as amendment A4 to EN 60901:1996 on 2008-02-01.

The following dates were fixed:

- latest date by which the amendment has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2008-11-01
- latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 2011-02-01

Endorsement notice

The text of amendment 4:2007 to the International Standard IEC 60901:1996 was approved by CENELEC as an amendment to the European Standard without any modification.

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INTERNATIONAL STANDARD

NORME INTERNATIONALE

AMENDMENT 4
AMENDEMENT 4

Single-capped fluorescent lamps – Performance specifications

Lampes à fluorescence à culot unique – Prescriptions de performances

[SIST EN 60901:2001/A4:2008](https://standards.iteh.ai/catalog/standards/sist/858755d5-43fe-4938-a22a-374bf79f8c06/sist-en-60901-2001-a4-2008)

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INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

COMMISSION
ELECTROTECHNIQUE
INTERNATIONALE

PRICE CODE
CODE PRIX

XA

AVANT-PROPOS

Le présent amendement a été établi par le sous-comité 34A: Lampes, du comité d'études 34 de la CEI: Lampes et équipements associés.

Le texte de cet amendement est issu des documents suivants:

| FDIS | Rapport de vote |
|---------------|-----------------|
| 34A/1234/FDIS | 34A/1243/RVD |

Le rapport de vote indiqué dans le tableau ci-dessus donne toute information sur le vote ayant abouti à l'approbation de cet amendement.

Le comité a décidé que le contenu de cet amendement et de la publication de base ne sera pas modifié avant la date de maintenance indiquée sur le site web de la CEI sous "http://webstore.iec.ch" dans les données relatives à la publication recherchée. A cette date, la publication sera

- reconduite,
- supprimée,
- remplacée par une édition révisée, ou
- amendée.

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SIST EN 60901-2008 FOREWORD

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This amendment has been prepared by subcommittee 34A: Lamps, of IEC technical committee 34: Lamps and related equipment.

The text of this amendment is based on the following documents:

| FDIS | Report on voting |
|---------------|------------------|
| 34A/1234/FDIS | 34A/1243/RVD |

Full information on the voting for the approval of this amendment can be found in the report on voting indicated in the above table.

The committee has decided that the contents of this amendment and the base publication will remain unchanged until the maintenance result date indicated on the IEC web site under "http://webstore.iec.ch" in the data related to the specific publication. At this date, the publication will be

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 - withdrawn,
 - replaced by a revised edition, or
 - amended.
-

**INSTRUCTIONS POUR L'INSERTION DES
NOUVELLES PAGES ET FEUILLES
DE CARACTÉRISTIQUES DANS LA
PUBLICATION 60901**

**INSTRUCTIONS FOR THE
INSERTION OF NEW PAGES
AND DATA SHEETS
IN PUBLICATION 60901**

1. Retirer la page de titre et insérer la nouvelle page de titre.
 2. Retirer la page 4 et insérer la nouvelle page 4.
 3. Retirer la page II-3a et insérer la nouvelle page II-3a.
 4. Retirer la page II-5a et insérer la nouvelle page II-5a.
 5. Remplacer les feuilles de caractéristiques:
2005-2 (page 3) par 2005-3 (page 3)
2007-2 (page 3) par 2007-3 (page 3)
2009-2 (page 3) par 2009-3 (page 3)
2011-2 (page 3) par 2011-3 (page 3)
2218-2 (page 3) par 2218-3 (page 3)
2224-2 (page 3) par 2224-3 (page 3)
2236-2 (page 3) par 2236-3 (page 3)
2510-2 (page 3) par 2510-3 (page 3)
2513-2 (page 3) par 2513-3 (page 3)
2518-2 (page 3) par 2518-3 (page 3)
2526-2 (page 3) par 2526-3 (page 3)
3118-2 (page 3) par 3118-3 (page 3)
3124-2 (page 3) par 3124-3 (page 3)
3136-2 (page 3) par 3136-3 (page 3)
3413-2 (page 3) par 3413-3 (page 3)
3418-2 (page 3) par 3418-3 (page 3)
3426-2 (page 3) par 3426-3 (page 3)

6240-2 (page 2) par 6240-3 (page 2)
6255-2 (page 2) par 6255-3 (page 2)
6722-1 (page 2) par 6722-2 (page 2)
6740-1 (page 2) par 6740-2 (page 2)
6755-1 (page 2) par 6755-2 (page 2)
6760-1 (page 2) par 6760-2 (page 2)
7432-3 (page 2) par 7432-4 (page 2)
7442-3 (page 2) par 7442-4 (page 2)
7456-1 (page 2) par 7456-2 (page 2)
7457-1 (page 2) par 7457-2 (page 2)
 6. Insérer les nouvelles feuilles de caractéristiques:
6280-1 (pages 1 & 2)
7469-1 (pages 1 & 2)
7470-1 (pages 1 & 2)
7660-1 (pages 1 & 2)
7685-1 (pages 1 & 2)
7719-1 (pages 1 & 2)
7720-1 (pages 1 & 2)
7862-1 (pages 1 & 2)
7882-1 (pages 1 & 2)
 7. Retirer la feuille de caractéristiques 8240-1 (2 pages)
 8. Retirer la page II-7 et insérer la nouvelle page II-7.
 9. Insérer la nouvelle feuille B420-1 (1 page)
1. Remove title page and insert new title page.
 2. Remove page 5 and insert new page 5.
 3. Remove page II-4a and insert new page II-4a.
 4. Remove page II-6a and insert new page II-6a.
 5. Replace the lamp data sheets:
2005-2 (page 3) with 2005-3 (page 3)
2007-2 (page 3) with 2007-3 (page 3)
2009-2 (page 3) with 2009-3 (page 3)
2011-2 (page 3) with 2011-3 (page 3)
2218-2 (page 3) with 2218-3 (page 3)
2224-2 (page 3) with 2224-3 (page 3)
2236-2 (page 3) with 2236-3 (page 3)
2510-2 (page 3) with 2510-3 (page 3)
2513-2 (page 3) with 2513-3 (page 3)
2518-2 (page 3) with 2518-3 (page 3)
2526-2 (page 3) with 2526-3 (page 3)
3118-2 (page 3) with 3118-3 (page 3)
3124-2 (page 3) with 3124-3 (page 3)
3136-2 (page 3) with 3136-3 (page 3)
3413-2 (page 3) with 3413-3 (page 3)
3418-2 (page 3) with 3418-3 (page 3)
3426-2 (page 3) with 3426-3 (page 3)

6240-2 (page 2) with 6240-3 (page 2)
6255-2 (page 2) with 6255-3 (page 2)
6722-1 (page 2) with 6722-2 (page 2)
6740-1 (page 2) with 6740-2 (page 2)
6755-1 (page 2) with 6755-2 (page 2)
6760-1 (page 2) with 6760-2 (page 2)
7432-3 (page 2) with 7432-4 (page 2)
7442-3 (page 2) with 7442-4 (page 2)
7456-1 (page 2) with 7456-2 (page 2)
7457-1 (page 2) with 7457-2 (page 2)
 6. Insert the new lamp data sheets:
6280-1 (pages 1 & 2)
7469-1 (pages 1 & 2)
7470-1 (pages 1 & 2)
7660-1 (pages 1 & 2)
7685-1 (pages 1 & 2)
7719-1 (pages 1 & 2)
7720-1 (pages 1 & 2)
7862-1 (pages 1 & 2)
7882-1 (pages 1 & 2)
 7. Remove lamp data sheet 8240-1 (2 pages)
 8. Remove page II-8 and insert new page II-8.
 9. Insert new sheet: B420-1 (1 page)

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INTERNATIONAL STANDARD

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Single-capped fluorescent lamps – Performance specifications

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**SINGLE-CAPPED FLUORESCENT LAMPS –
PERFORMANCE SPECIFICATIONS**

FOREWORD

- 1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, IEC publishes International Standards, Technical Specifications, Technical Reports, Publicly Available Specifications (PAS) and Guides (hereafter referred to as "IEC Publication(s)"). Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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International Standard IEC 60809 has been prepared by subcommittee 34A: Lamps, of IEC technical committee 34: Lamps and related equipment.

This consolidated version of IEC 60901 is based on the second edition (1996) [documents 34A/588/FDIS and 34A/634/RVD], its amendment 1 (1997) [documents 34A/706/FDIS and 34A/743/RVD], its amendment 2 (2000) [documents 34A/908/FDIS and 34A/914/RVD], its amendment 3 (2004) [documents 34A/1078/FDIS and 34A/1082/RVD], and its amendment 4 (2007) [documents 34A/1234/FDIS and 34A/1243/RVD]

It bears the edition number 2.4.

The origin (edition 2 or amendments 1, 2, 3 or 4) of the standard sheets constituting this consolidated edition may be identified by the headers of the sheets.

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| Sheet No. 60901-IEC- | Nominal wattage W | Frequency Hz | Shape | Cap | Means of starting | Circuit | | Cathode type |
|-------------------------|-------------------------|-----------------|---------------|---------|----------------------|-------------|-------------------|--------------|
| | | | | | | AC mains | High frequency | |
| 6240 | 40 | ≥20 k | Dual | 2G11 | External | - | Starterless | Preheated |
| 6255 | 55 | ≥20 k | Dual | 2G11 | External | - | Starterless | Preheated |
| 6280 | 80 | ≥20 k | Dual | 2G11 | External | - | Starterless | Preheated |
| 6722 | 22 | ≥20 k | Circular | 2GX13 | External | - | Starterless | Preheated |
| 6740 | 40 | ≥20 k | Circular | 2GX13 | External | - | Starterless | Preheated |
| 6755 | 55 | ≥20 k | Circular | 2GX13 | External | - | Starterless | Preheated |
| 6760 | 60 | ≥20 k | Circular | 2GX13 | External | - | Starterless | Preheated |
| 6820 | 20 | ≥20 k | Circular | GZ10q | External | - | Starterless | Preheated |
| 6827 | 27 | ≥20 k | Circular | GZ10q | External | - | Starterless | Preheated |
| 6834 | 34 | ≥20 k | Circular | GZ10q | External | - | Starterless | Preheated |
| 6841 | 41 | ≥20 k | Circular | GZ10q | External | - | Starterless | Preheated |
| 6941 | 41 | ≥20 k | Circular | GU10q | External | - | Starterless | Preheated |
| 6968 | 68 | ≥20 k | Circular | GU10q | External | - | Starterless | Preheated |
| 6997 | 97 | ≥20 k | Circular | GU10q | External | - | Starterless | Preheated |
| 7432 | 32 | ≥20 k | Multilimbed | GX24q-3 | External | - | Starterless | Preheated |
| 7442 | 42 | ≥20 k | Multilimbed | GX24q-4 | External | - | Starterless | Preheated |
| 7456 | 57 | ≥20 k | Multilimbed-6 | GX24q-5 | External | - | Starterless | Preheated |
| 7457 | 57 | ≥20 k | Multilimbed-8 | GX24q-5 | External | - | Starterless | Preheated |
| 7469 | 70 | ≥20 k | Multilimbed-6 | GX24q-6 | External | - | Starterless | Preheated |
| 7470 | 70 | ≥20 k | Multilimbed-8 | GX24q-6 | External | - | Starterless | Preheated |
| 7660 | 60 | ≥20 k | Multilimbed-6 | 2G8-1 | External | - | Starterless | Preheated |
| 7685 | 85 | ≥20 k | Multilimbed-6 | 2G8-1 | External | - | Starterless | Preheated |
| 7719 | 120 | ≥20 k | Multilimbed-6 | 2G8-1 | External | - | Starterless | Preheated |
| 7720 | 120 | ≥20 k | Multilimbed-8 | 2G8-1 | External | - | Starterless | Preheated |
| 7862 | 62 | ≥20 k | Multilimbed-8 | 2G8-2 | External | - | Starterless | Preheated |
| 7882 | 82 | ≥20 k | Multilimbed-8 | 2G8-2 | External | - | Starterless | Preheated |

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| Sheet No. 60901-IEC- | Nominal wattage W | Frequency Hz | Shape | Cap | Means of starting | Circuit | | Cathode type |
|-------------------------|-------------------------|-----------------|---------------|---------|----------------------|-------------|-------------------|--------------|
| | | | | | | AC mains | High frequency | |
| 6240 | 40 | ≥20 k | Dual | 2G11 | External | – | Starterless | Preheated |
| 6740 | 40 | ≥20 k | Circular | 2GX13 | External | – | Starterless | Preheated |
| 6841 | 41 | ≥20 k | Circular | GZ10q | External | – | Starterless | Preheated |
| 6941 | 41 | ≥20 k | Circular | GU10q | External | – | Starterless | Preheated |
| 7442 | 42 | ≥20 k | Multilimbed | GX24q-4 | External | – | Starterless | Preheated |
| 6255 | 55 | ≥20 k | Dual | 2G11 | External | – | Starterless | Preheated |
| 6755 | 55 | ≥20 k | Circular | 2GX13 | External | – | Starterless | Preheated |
| 7456 | 57 | ≥20 k | Multilimbed-6 | GX24q-5 | External | – | Starterless | Preheated |
| 7457 | 57 | ≥20 k | Multilimbed-8 | GX24q-5 | External | – | Starterless | Preheated |
| 6760 | 60 | ≥20 k | Circular | 2GX13 | External | – | Starterless | Preheated |
| 7660 | 60 | ≥20 k | Multilimbed-6 | 2G8-1 | External | – | Starterless | Preheated |
| 7862 | 62 | ≥20 k | Multilimbed-8 | 2G8-2 | External | – | Starterless | Preheated |
| 6968 | 68 | ≥20 k | Circular | GU10q | External | – | Starterless | Preheated |
| 7469 | 70 | ≥20 k | Multilimbed-6 | GX24q-6 | External | – | Starterless | Preheated |
| 7470 | 70 | ≥20 k | Multilimbed-8 | GX24q-6 | External | – | Starterless | Preheated |
| 6280 | 80 | ≥20 k | Dual | 2G11 | External | – | Starterless | Preheated |
| 7882 | 82 | ≥20 k | Multilimbed-8 | 2G8-2 | External | – | Starterless | Preheated |
| 7685 | 85 | ≥20 k | Multilimbed-6 | 2G8-1 | External | – | Starterless | Preheated |
| 6997 | 97 | ≥20 k | Circular | GU10q | External | – | Starterless | Preheated |
| 7719 | 120 | ≥20 k | Multilimbed-6 | 2G8-1 | External | – | Starterless | Preheated |
| 7720 | 120 | ≥20 k | Multilimbed-8 | 2G8-1 | External | – | Starterless | Preheated |

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