



SLOVENSKI STANDARD
SIST EN 61549:2004/A3:2013

01-julij-2013

Različne žarnice in sijalke

Miscellaneous lamps

Sonderlampen

Lampes diverses

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Ta slovenski standard je istoveten z: EN 61549:2003/A3:2012

[SIST EN 61549:2004/A3:2013](https://standards.iteh.ai/catalog/standards/sist/835f7a6c-0831-485c-993f-7401099c9b6a/sist-en-61549-2004-a3-2013)

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ICS:

29.140.20	Žarnice z žarilno nitko	Incandescent lamps
29.140.30	Fluorescenčne sijalke. Sijalke	Fluorescent lamps. Discharge lamps

SIST EN 61549:2004/A3:2013

en

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 61549/A3

October 2012

ICS 29.140.20; 29.140.30

English version

Miscellaneous lamps
(IEC 61549:2003/A3:2012)

Lampes diverses
(CEI 61549:2003/A3:2012)

Sonderlampen
(IEC 61549:2003/A3:2012)

This amendment A3 modifies the European Standard EN 61549:2003; it was approved by CENELEC on 2012-08-09. 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 CEN-CENELEC Management Centre 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 CEN-CENELEC Management Centre has the same status as the official versions.

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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/1568/FDIS, future edition 1 of IEC 61549:2003/A3, 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 61549:2003/A3:2012.

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) 2013-05-09
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2015-08-09

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).

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Endorsement notice

The text of the International Standard IEC 61549:2003/A3:2012 was approved by CENELEC as a European Standard without any modification.

<https://standards.iteh.ai/catalog/standards/sist/835f7a6c-0831-485c-993f-7401099c9b6a/sist-en-61549-2004-a3-2013>



IEC 61549

Edition 2.0 2012-07

INTERNATIONAL STANDARD

NORME INTERNATIONALE

AMENDMENT 3 AMENDEMENT 3

The sheets contained in this amendment are to be inserted in IEC 61549
Les feuilles de cet amendement sont à insérer dans la CEI 61549

Miscellaneous lamps

Lampes diverses

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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/1568/FDIS	34A/1586/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 stabilité 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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FOREWORD

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/1568/FDIS	34A/1586/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 stability 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

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

**INSTRUCTIONS POUR L'INSERTION
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1. Retirer la page de titre et la page 4 existantes et insérer la nouvelle page de titre et la nouvelle page 4.
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61549-IEC-720-1
2. Ajouter les nouvelles feuilles
61549-IEC-720-2

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**METAL HALIDE LAMPS FOR FILM
AND TELEVISION RECORDING**

Page 1/3

1 Introduction

This data sheet specifies dimensions and technical data for metal halide lamps for film and television recording. These lamps have a short or medium arc length and a spectral power distribution similar to daylight.

The list of lamp types and data given in Table 1 and Figure 1 is not exhaustive.

2 General lamp requirements

Lamps shall comply with the data given in Table 1. Details which are not indicated may be chosen appropriately.

The correlated colour temperature (T_{CP}) shall be about 6 000 K.

The colour rendering index (R_a) shall be at least 80.

For the photobiological safety, the relevant provisions of IEC 62035* apply.

3 Information for ballast and ignitor design

For the operation of the lamps, proper controlgears and ignitors are needed. If indicated by the lamp manufacturer, hot restrike should be possible at any time.

4 Information for luminaire design

For safety reasons, adequate protection should be ensured against both UV radiation and possible lamp shattering.

*IEC 62035, *Discharge lamps (excluding fluorescent lamps) – Safety specifications*

METAL HALIDE LAMPS FOR FILM AND TELEVISION RECORDING

Table 1 – Lamp types and data

Type	Nominal wattage W	Rated voltage (10) V	Rated current A	Dimensions mm				Lamp cap	Operating position (11)
				L1 max	L2 (8)	L3 (8)	D max		
B	575	95	7,0	135	115	7	23,5	SFc10-4 (1)	any
	1 200	100	13,8	135	115	7	23,5		
	1 200	100	13,8	220	180	10	30	SF15.5-6 (1)	
C	2 500	115	25,6	355	290	17 (9)	35	SFa21-12 (2)	p30
	4 000	200	24,0	405	340	34	40		p15
D	6 000	123	55,0	450	-	22	58	S25.5x60 (3)	p15
	12 000	224	62,0	470	-	34	70		
D1	12 000	160	84,0	470	-	28 (9)	70	S30x70 (3)	p15
	18 000	225	88,0	500	-	44	75		
E	125	80	1,7	65	27,7	4	10	GX13-2x0.8 (3)	any
	270	50	5,4	84	35	5	12,5	FaX1.5-3x1 (3)	p45
E1	125	80	1,9	75	39	4	17	GZX9.5 (4)	any
	200	70	3,0	80	39	5	20	GZY9.5 (4)	
	400	70	6,9	110	60	6	23	GZZ9.5 (4)	
	575	95	7,0	145	70	7	30	G22 (5)	
	1 200	100	13,8	220	107	10	41	G38 (6)	
E2	2 500	115	25,6	240	127	14	60	G38 (6)	any
	4 000	200	24,0	255	142	22 (9)	77		
E3	6 000	125	55,0	380	210	24	75	G38 (6) (7)	s135
	12 000*	160 *	84 *	460 *	255 *	30 *	105 *		
F	1 200	100	13,8	176	-	-	206	G38 (6)	p0

- (1) See cap sheet 7004-160 of IEC 60061-1.
- (2) See cap sheet 7004-159 of IEC 60061-1.
- (3) Cap sheet in preparation.
- (4) See cap sheet 7004-70B of IEC 60061-1.
- (5) See cap sheet 7004-75 of IEC 60061-1.
- (6) See cap sheet 7004-76 of IEC 60061-1.
- (7) Version with increased creepage distance. The design of the cap shell area may be different depending on the lamp manufacturer. For details, particularly for the lamp support, the lamp manufacturer shall be consulted.
- (8) For the tolerance of this parameter, the lamp manufacturer shall be consulted. Differences in length exist in hot and cold operating conditions.
- (9) For the same rated voltage, the electrode gap distance may vary dependent on the lamp manufacturer.
- (10) Deviations of $\pm 10\%$ and more are possible. For details, the lamp manufacturer shall be consulted.
- (11) See sheet 61549-IEC-330 of this standard for the use of these codes.

* Under consideration.