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**Mednarodni sistem za kodiranje sijalk (ILCOS)**

International lamp coding system (ILCOS)

Internationales Lampenbezeichnungssystem (ILCOS)

Système international de codification des lampes (ILCOS)

**Ta slovenski standard je istoveten z: EN 61231:2010/A1:2013**[SIST EN 61231:2010/A1:2013](https://standards.iteh.ai/catalog/standards/sist/cc616f92-4288-45e3-87da-c4daa933b475/sist-en-61231-2010-a1-2013)<https://standards.iteh.ai/catalog/standards/sist/cc616f92-4288-45e3-87da-c4daa933b475/sist-en-61231-2010-a1-2013>**ICS:**

29.140.01      Žarnice na splošno      Lamps in general

**SIST EN 61231:2010/A1:2013**      **en**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 61231/A1**

August 2013

ICS 29.140

English version

**International lamp coding system (ILCOS)**  
(IEC 61231:2010/A1:2013)

Système international de codification des  
lampes (ILCOS)  
(CEI 61231:2010/A1:2013)

Internationales  
Lampenbezeichnungssystem (ILCOS)  
(IEC 61231:2010/A1:2013)

This amendment A1 modifies the European Standard EN 61231:2010; it was approved by CENELEC on 2013-08-01. 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 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/1663/FDIS, future IEC 61231:2010/A1, 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 61231:2010/A1:2013.

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) 2014-05-01
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2016-08-01

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.

## Endorsement notice

The text of the International Standard IEC 61231:2010/A1:2013 was approved by CENELEC as a European Standard without any modification.

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## Annex ZA (normative)

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

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

NOTE When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

#### ***Replacement in Annex ZA of EN 61231:2010:***

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
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*Replace the last reference with the following new one:*

IEC/TR 62732	-	Three-digit code for designation of colour rendering and correlated colour temperature	-	-
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IEC 61231

Edition 1.0 2013-06

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

AMENDMENT 1  
AMENDEMENT 1

International lamp coding system (ILCOS)

Système international de codification des lampes (ILCOS)

[SIST EN 61231:2010/A1:2013](https://standards.iteh.ai/catalog/standards/sist/cc616f92-4288-45e3-87da-c4daa933b475/sist-en-61231-2010-a1-2013)

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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/1663/FDIS	34A/1680/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.

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## INTRODUCTION TO THE AMENDMENT

This proposal serves:

- a) the implementation of the low frequency square wave operation in ILCOS (International Lamp Coding System):

ILCOS L – wattage – lamp voltage range/starting device/**current wave form and frequency** – lamp cap – dimensions

- b) the implementation of lamps for use in high-pressure mercury equipment under 5.7.1.2. In order to distinguish this, other lamps are listed as normal lamps under 5.7.1.1.
- c) further editorial changes as being presented with PRESCO(RTK)198 and agreed by PRESCO.

## CONTENTS

*Replace entries 5.1 and 5.8 by the following new entries.*

5.1 Incandescent lamps – tungsten filament lamps

5.8 LED modules and lamps

## 2 Normative references

*Replace the last reference by the following new reference:*

IEC/TR 62732, *Three-digit code for designation of colour rendering and correlated colour temperature*

### 4.1 Letter section

*Replace the entries for I, S, L, Q and D by the following new entries:*

I Incandescent lamps – tungsten filament lamps

S High-pressure sodium vapour lamps

L Low-pressure sodium vapour lamps

Q High-pressure mercury vapour lamps

D LED modules and lamps

### 4.2 Figure section

*Replace the last sentence by the following new sentence:*

The sequence and the specific content of the blocks is determined for each lamp category and described in 5.1 to 5.9.