

### SLOVENSKI STANDARD SIST EN 60598-2-11:2013

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Nadomešča:

SIST EN 60598-2-11:2006

Svetilke - 2-11. del: Posebne zahteve - Svetilke za akvarije

Luminaires - Part 2-11: Particular requirements - Aquarium luminaires

Leuchten - Teil 2-11: Besondere Anforderungen - Aquarienleuchten

iTeh STANDARD PREVIEW

Luminaires - Partie 2-11: Exigences particulières - Luminaires pour aquarium (standards.iteh.ai)

Ta slovenski standard je istoveteniz: EN 60EN 60598-2-11:2013

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ICS:

29.140.40 Svetila Luminaires

97.180 Razna oprema za dom in Miscellaneous domestic and

trgovino commercial equipment

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### **EUROPEAN STANDARD**

### EN 60598-2-11

### NORME EUROPÉENNE EUROPÄISCHE NORM

August 2013

ICS 29.140.40

Supersedes EN 60598-2-11:2005 + corr. Aug.2005

English version

# Luminaires Part 2-11: Particular requirements Aquarium luminaires

(IEC 60598-2-11:2013)

Luminaires -Partie 2-11: Exigences particulières -Luminaires pour aquarium (CEI 60598-2-11:2013) Leuchten -Teil 2-11: Besondere Anforderungen -Aquarienleuchten (IEC 60598-2-11:2013)

### iTeh STANDARD PREVIEW

This European Standard was approved by CENELEC on 2013-06-20. 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 alteration2-11:2013

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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 34D/1046/CDV, future edition 2 of IEC 60598-2-11, prepared by SC 34D "Luminaires" of IEC/TC 34 "Lamps and related equipment" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 60598-2-11:2013.

The following dates are fixed:

latest date by which the document has to be (dop) 2014-03-20 implemented at national level by publication of an identical national standard or by endorsement

latest date by which the national (dow) 2016-06-20 standards conflicting with the document have to be withdrawn

This document supersedes EN 60598-2-11:2005 + corrigendum August 2005.

EN 60598-2-11:2013 includes the following significant technical changes with respect to EN 60598-2-11:2005:

- a) Subclause 11.1, change of the scope to open the standard for all kinds of electrical light sources;
- b) Subclause 11.4.2 (former 11.3.2), change of the definition in order to clarify non-permanently attached aquarium luminaire;
- c) Subclause 11.11.3 (former 11.10.3), for indoor operated aguarium luminaire, change of the size of conductors to at least 0,75 mm<sup>2</sup> instead of 1,0 mm<sup>2</sup> in the former edition.

This standard is to be read in conjunction with EN 60598-1.

NOTE In this standard, the following print types are used8-2-11:2013

- andards.iteh.ai/catalog/standards/sist/a60fda55-b656-491f-a7b1-- requirements: in roman type.
- 56ae7418bc8f/sist-en-60598-2-11-2013
- test specifications: in italic type.
- notes: in small roman type.

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 60598-2-11:2013 was approved by CENELEC as a European Standard without any modification.

## 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.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	EN/HD	<u>Year</u>
IEC 60598-1	-	Luminaires - Part 1: General requirements and tests	EN 60598-1	-

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### IEC 60598-2-11

Edition 2.0 2013-05

## INTERNATIONAL STANDARD

## NORME INTERNATIONALE

Luminaires - iTeh STANDARD PREVIEW

Part 2-11: Particular requirements - Aquarium luminaires

Luminaires – SIST EN 60598-2-11:2013

Partie 2-11: Exigences particulières Luminaires pour aquarium

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#### INTERNATIONAL ELECTROTECHNICAL COMMISSION

#### LUMINAIRES -

## Part 2-11: Particular requirements – Aquarium luminaires

#### **FOREWORD**

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International Standard IEC 60598-2-11 has been prepared by subcommittee 34D: Luminaires, of IEC technical committee 34: Lamps and related equipment.

This standard is to be read in conjunction with IEC 60598-1.

This second edition cancels and replaces the first edition published in 2005. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) Subclause 11.1, change of the scope to open the standard for all kinds of electrical light sources.
- b) Subclause 11.4.2, change of the definition in order to clarify non-permanently attached aquarium luminaire.