



SLOVENSKI STANDARD
SIST EN IEC 60598-1:2021/A11:2022
01-junij-2022

Svetilke - 1. del: Splošne zahteve in preskusi - Dopolnilo A11

Luminaires - Part 1: General requirements and tests

Leuchten - Teil 1: Allgemeine Anforderungen und Prüfungen

Luminaires - Partie 1: Exigences générales et essais

Ta slovenski standard je istoveten z: EN IEC 60598-1:2021/A11:2022

ICS:

29.140.40

Svetila

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Luminaires

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EUROPEAN STANDARD

EN IEC 60598-1:2021/A11

NORME EUROPÉENNE

EUROPÄISCHE NORM

April 2022

ICS 29.140.40

English Version

Luminaires - Part 1: General requirements and tests

Luminaires - Partie 1: Exigences générales et essais

Leuchten - Teil 1: Allgemeine Anforderungen und Prüfungen

This amendment A11 modifies the European Standard EN IEC 60598-1:2021; it was approved by CENELEC on 2022-02-16. 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.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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European foreword

This document (EN IEC 60598-1:2021/A11:2022) has been prepared by CLC/TC 34 "Lighting".

The following dates are fixed:

- latest date by which this document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2023-02-16
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) 2025-02-16

This document amends EN IEC 60598-1:2021.

This amendment was developed to introduce common modifications and special national conditions in EN IEC 60598-1:2021.

This document has been prepared under a Standardization Request given to CENELEC by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s) / Regulation(s).

For the relationship with EU Directive(s) / Regulation(s), see informative Annex ZZ, which is an integral part of EN IEC 60598-1:2021.

Any feedback and questions on this document should be directed to the users' national committee. A complete listing of these bodies can be found on the CENELEC website.

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EN IEC 60598-1:2021/A11:2022 (E)

1 Modification to the “Endorsement notice”

Replace the last two lines with the following:

“The text of the International Standard IEC 60598-1:2020 was approved by CENELEC as a European Standard with agreed common modifications.”

2 Modification to “SECTION 3: MARKING”

In 3.2.12, **delete** NOTE 4.

3 Modification to “SECTION 4: CONSTRUCTION”

In 4.11.6, at the end of the paragraph commencing with “Following completion of these tests...”, **add** the following text:

“the test voltage however being reduced to 1 500 V”.

4 Modification to “SECTION 5: EXTERNAL AND INTERNAL WIRING”

In 5.2.2, paragraph 1, **replace** “IEC 60227 (all parts) and IEC 60245 (all parts)”, by “EN 50525 (all parts)”, and **delete** paragraph 2.

Replace Table 5.1 by the following new table:

“

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Table 5.1 — Supply cord

Luminaire	Rubber	PVC	No insulation
Ordinary class I luminaires	H03RT-H ^c	H03VVH2-F ^c H03VV-F ^c	
Ordinary class II luminaires	H05RR-F ^c	H03VVH2-F ^c H03VV-F ^c	
Luminaires other than ordinary class I and II	H05RN-F ^c	H03VVH2-F ^{a c} H03VV-F ^{a c}	
Portable rough service luminaires	H07RN-F ^c		
Class III or with SELV or PELV circuits luminaires AC: $U \leq 25$ V DC: $U \leq 60$ V Interrupted DC voltage for frequencies between 10 Hz and 200 Hz: ≤ 25 V peak			Uninsulated conductor ^b
Class III or with SELV or PELV circuits luminaires AC: 25 V $< U \leq 50$ V DC: 60 V $< U \leq 120$ V	Unsheathed basic insulated conductor		

Luminaire	Rubber	PVC	No insulation
<p>^a For indoor use only.</p> <p>^b In accordance with IEC 60364 (all parts) uninsulated conductors are not allowed in certain special installations and locations e.g. IEC 60364-7-701 "Locations containing a bath or shower".</p> <p>^c For supply voltages greater than 250 V, higher voltage grade cables and cords than those given in this table may be necessary.</p>			

5 Modification to "SECTION 12: ENDURANCE TEST AND THERMAL TEST"

In Clause 12.4.2 c) Line 2, after "90 °C" **add** "(see footnote ^c to Table 12.2 relating to unsleeved fixed wiring)".

In Table 12.2 footnote ^c **add** the following:

- after "European installation standards": "(HD 60364 (all parts) and HD 384 (all parts))";
- after "European cable standards": "(EN 50525 (all parts))".

6 Addition of Annex ZB, "Special national conditions" and Annex ZC, "A-deviations"

Add the following Annexes ZB and ZC:

"

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Annex ZB

(normative)

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[Special national conditions](https://standards.iteh.ai/catalog/standards/sist/74f8bde8-bba3-40c0-92e6-61707880598-1-2021-a11-2022)

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Special national condition: National characteristic or practice that cannot be changed even over a long period, e.g. climatic conditions, electrical earthing conditions.

NOTE 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.

Clause Special national condition

3.3 **Denmark**

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



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:

For tilslutning af the øvrige ledere,
se medfølgende vejledning.