



SLOVENSKI STANDARD
oSIST prEN IEC 60598-1:2023
01-maj-2023

Svetilke - 1. del: Splošne zahteve in preskusi

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: prEN IEC 60598-1:2023

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IEC SC 34D : LUMINAIRES	
SECRETARIAT: United Kingdom	SECRETARY: Ms Shanti Conn
OF INTEREST TO THE FOLLOWING COMMITTEES:	PROPOSED HORIZONTAL STANDARD: <input type="checkbox"/> Other TC/SCs are requested to indicate their interest, if any, in this CDV to the secretary.
FUNCTIONS CONCERNED: <input type="checkbox"/> EMC <input type="checkbox"/> ENVIRONMENT <input type="checkbox"/> QUALITY ASSURANCE <input checked="" type="checkbox"/> SAFETY	
<input checked="" type="checkbox"/> SUBMITTED FOR CENELEC PARALLEL VOTING	<input type="checkbox"/> NOT SUBMITTED FOR CENELEC PARALLEL VOTING
<p>Attention IEC-CENELEC parallel voting</p> <p>The attention of IEC National Committees, members of CENELEC, is drawn to the fact that this Committee Draft for Vote (CDV) is submitted for parallel voting.</p> <p>https://standards.iteh.ai/catalog/standards/sist/17d78d23-142b-4cda-bdbf-353622222222/sist-pr-en-iec-60598-1-2023</p> <p>The CENELEC members are invited to vote through the CENELEC online voting system.</p>	

This document is still under study and subject to change. It should not be used for reference purposes.

Recipients of this document are invited to submit, with their comments, notification of

- any relevant patent rights of which they are aware and to provide supporting documentation,
- any relevant "in some countries" clauses to be included should this proposal proceed. Recipients are reminded that the enquiry stage is the final stage for submitting "in some countries" clauses. See AC/22/2007.

TITLE:

Luminaires - Part 1: General requirements and tests

PROPOSED STABILITY DATE: 2027

NOTE FROM TC/SC OFFICERS:

Project Leader: Franco Rusnati

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Introduction to this CDV for National Committees (Not part of the proposal)

This CDV has been prepared by 34D/WG1 LUMEX, supported by the SC34D Editing Team EG3 and IEC Central Office editing staff. For this new 10th Edition of the standard the main task has been to conduct a complete editorial review of the standard to align with the most recent IEC directives and editing rules. The editing tasks associated with this work being as follows:

- Review complete standard to address correct editing of notes
- Rename 'Sections' to 'Clauses'
- Review the placement of terms/definitions, together with alignment to IEV
- Review the full standard to address any issues of hanging paragraphs
- Review the numbering and placement of tables
- Review the standard for the correct formatting and placement of figures
- Review diagrams/figures and move to main body of standard
- Review of the normative references
- Review any open IEC Editor comments from preparation of Edition 9.0
- Consider any consequences for IEC 60598 Part 2's & IEC 60570
- Check all cross referencing within the document

Particular attention is drawn to the new Annex V of the document that gives details of the structure of this new Edition 10.0 compared to the preceding Edition 9.0. This Annex will provide an important interim 'translation tool' allowing Edition 10.0 to be used immediately with the existing Part 2's of IEC 60598 and IEC 60570. New projects to update all of the IEC 60598 Part 2 standards, and IEC 60570, to fully align with the new Part 1 structure will commence following the publication of this Edition 10. Due to the large number of IEC 60598 Part 2 standards parallel updating of these documents, at the same time as establishing this new Part 1, was considered impractical.

Also introduced into this new Edition 10 are technical changes that have been listed in Annex O considering all retest requirements introduced by different fragments These comprise of the following proposals that have already been consulted and developed the input from the national committees:

IEC 60598-1 – FRAG 0 revision of clause 4.32 SPD and SPC	34D/1390/DC 34D/1419A/INF 34D/1534/CD 34D/1549A/CC 34D/1563/CD 34D/1585A/CC 34D/1585B/CC 34D/1563/CD
IEC 60598-1 - FRAG 1 Use of term live part, active part and current currying part	34D/1490/DC 34D/1510A/INF 34D/1538/CD 34D/1555A/CC 34D/1555B/CC
IEC 60598-1 – FRAG 2 Revision of 4.14.2 for conductor mechanical stress	34D/1489/DC 34D/1509A/INF 34D/1539/CD 34D/1556A/CC 34D/1556B/CC
IEC 60598-1. FRAG 3 Revision Clause 12.5.1, Item 4 to include controlgear	34D/1505/DC 34D/1526A/INF 34D/1544/CD 34D/1566A/CC 34D/1566B/CC
IEC 60598-1 - FRAG 4	34D/1504/DC 34D/1525A/INF

Subclause 7.2.1 Earthing (deletion of the word 'permanently')	34D/1545/CD 34D/1567A/CC 34D/1567B/CC
IEC 60598-1- FRAG 5 Annex Q, earth continuity test	34D/1514/DC 34D/1530/INF 34D/1530A/INF 34D/1553/CD 34D/1575A/CC 34D/1575B/CC
IEC 60598-1 - FRAG 6 Suspension by magnet	34D/1451/DC 34D/1472A/INF 34D/1506/DC 34D/1527A/INF 34D/1559/CD 34D/1581A/CC 34D/1594/CD 34D/1603A/CC
IEC 60598-1 – FRAG 7 Luminaires using batteries	34D/1109/DC 34D/1123/INF 34D/1564/CD 34D/1586A/CC 34D/1609/CD 34D/1620A/CC
IEC 60598-1 – FRAG 8 Marking requirement for nature of supply	34D/1473/DC 34D/1485A/INF 34D/1582/CD 34D/1598A/CC
IEC 60598-1 – FRAG 9 Insulation of SELV circuits	34/692/DC 34/708A/INF 34D/1591/CD 34D/1605A/CC
IEC 60598-1 – FRAG 10 Information to be provided for luminaire having protective earth current > 10mA	34D/1592/CD 34D/1606A/CC
IEC 60598-1 – FRAG 11 Serviceable components	34D/1286/DC 34D/1303/INF 34D/1540/DC 34D/1561A/INF 34D/1597/CD 34D/1615A/CC 34D/1631/CD 34D/1647A/CC
IEC 60598-1 – FRAG 12 Annex D, Draught - proof enclosure	34D/1547/DC 34D/1569A/INF 34D/1608/CD 34D/1618/CC 34D/1618A/CC
IEC 60598-1 - FRAG 13 Inconsistencies in the inclusion of the limits of voltage ranges	34D/1491/DC 34/1513A/INF 34/1610/CD 34D/1621/CC 34D/1621A/CC

IEC 60598-1 - FRAG 14 Revision of clause 7.2.10 for looping in.	34D/1611/CD 34D/1619/CC 34D/1619A/CC
IEC 60598-1 - FRAG 15 Request for editorial changes.	34D/1613/CD 34D/1624/CC
IEC 60598-1 - FRAG XX Reference to switch standard 61058	34D/1488/DC 34D/1507A/INF 34D/1520/DC 34D/1535A/INF
IEC 60598-1 – FRAG YY Proposal of drip-proof (15°) symbol	34D_WG1(NK)009A
IEC 60598-1: FRAG 16 Photobiological safety	34D/1664/CD 34D/1677A/CC

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In considering this CDV national committees are requested to limit their comments to those associated with the editorial updating of this draft and those associated with the technical amendment fragments detailed in this introduction. Technical comments to the wider content of the standard are invited but should be introduced as full proposals to SC34D WG1 LUMEX, either directly from the national committee or via the national committees' experts assigned as members of the working group. These proposals will then be considered in their full context for updating of IEC 60598-1. The reason for this restriction is to keep the workload of this already substantial project manageable, and with the possibility to deliver this revision of IEC 60598-1 within a reasonable time period.

END OF CDV INTRODUCTION FOR NATIONAL COMMITTEES

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