

SLOVENSKI STANDARD

oSIST prEN IEC 60598-2-3:2026

01-november-2026

Svetilke - 2-3. del: Posebne zahteve - Svetilke za cestno in ulično razsvetljavo

Luminaires - Part 2-3: Particular requirements - Luminaires for road and street lighting

Leuchten - Teil 2-3: Besondere Anforderungen - Leuchten für Straßen- und Wegebeleuchtung

Luminaires - Partie 2-3: Règles particulières - Luminaires d'éclairage public

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93.080.30	Cestna oprema in pomožne naprave	Road equipment and installations

oSIST prEN IEC 60598-2-3:2026

en,fr,de

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34D/1820/CDV

COMMITTEE DRAFT FOR VOTE (CDV)

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IEC SC 34D : LUMINAIRES	
SECRETARIAT: United Kingdom	SECRETARY: Ms Shanti Conn
OF INTEREST TO THE FOLLOWING COMMITTEES:	HORIZONTAL FUNCTION(S):
ASPECTS CONCERNED: Safety	
☒ SUBMITTED FOR CENELEC PARALLEL VOTING Attention IEC-CENELEC parallel voting 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. The CENELEC members are invited to vote through the CENELEC online voting system.	☐ NOT SUBMITTED FOR CENELEC PARALLEL VOTING

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TITLE:

Luminaires - Part 2-3: Particular requirements - Luminaires for road and street lighting

PROPOSED STABILITY DATE: 2030

NOTE FROM TC/SC OFFICERS:

This CDV for a new Edition 4.0 of IEC 60598-2-3 provides a structural updating only of Edition 3.1 to align with the new IEC 60598-1 Edition 10.

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

LUMINAIRES –

**Part 2-3: Particular requirements –
Luminaires for road and street lighting**

FOREWORD

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IEC 60598-2-3 has been prepared by subcommittee 34D: Luminaires, of IEC technical committee 34: Lighting. It is an International Standard.

This fourth edition cancels and replaces the third edition published in 2002 and amendment one published in 2011. This edition constitutes a technical revision.

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

- a) the clause numbers and structure have been aligned with those of IEC 60598-1.
- b) more detailed glass breakage tests have been added.

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c) requirements for high impact glass has been modified. Subclause 7.106.3 is now listed in Annex AAB being considered more onerous compared with the last edition.

The text of this International Standard is based on the following documents:

Draft	Report on voting
XX/XX/FDIS	XX/XX/RVD

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, and the ISO/IEC Directives, JTC 1 Supplement available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/publications.

This Part 2-3 is to be used in conjunction with the latest edition of IEC 60598-1 and its amendment(s). It was established on the basis of the tenth edition (2024) of that standard.

NOTE When "Part 1" is mentioned in this document, it refers to IEC 60598-1.

Where this document states "*addition*", "*modification*" or "*replacement*", the relevant text of Part 1 is to be adapted accordingly.

Subclauses, additional to those in Part 1 are numbered starting from 101; supplementary annexes are entitled AAA, AAB, etc.

A list of all parts in the IEC 60598 series, published under the general title *Luminaires* can be found on the IEC website.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under webstore.iec.ch in the data related to the specific document. At this date, the document will be

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

LUMINAIRES –

Part 2-3: Particular requirements – Luminaires for road and street lighting

1 Scope

This part of IEC 60598 specifies requirements for:

- luminaires for road, street lighting and other public outdoor lighting applications;
- tunnel lighting;
- column-integrated luminaires with a minimum total height above normal ground level of 2,5 m;

and for use with electric light sources on supply voltages not exceeding 1 000 V.

NOTE Where the term “luminaire” is used within this document it means luminaire(s) for road and street lighting.

2 Normative references

This clause of Part 1 applies with the following additions:

- IEC 60068-2-75, *Environmental testing – Part 2-75: Tests – Test Eh: Hammer tests*
- IEC 60598-1:2024, *Luminaires - Part 1: General requirements and tests*
- IEC 62262: 2002, *Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code)*
- IEC 62262:2002/AMD1:2021
- IEC/TR 62696, Luminaires – Application of the IK code IEC62262

3 Terms and definitions

For the purposes of this document, the terms and definitions given in Part 1 applies with the following additions:

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

- IEC Electropedia: available at <https://www.electropedia.org/>
- ISO Online browsing platform: available at <https://www.iso.org/obp3.101>

3.101

span wire

wire between main supports which carries the mass of the complete installation.

NOTE This can include several luminaires, supply cables and a stay wire.

3.102

suspension wire

wire attached to the span wire and carrying the mass of the luminaire