



**SLOVENSKI STANDARD**  
**SIST EN IEC 60068-2-87:2025**

**01-januar-2025**

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**Okoljsko preskušanje - 2-87. del: Preskusi - Izpostavljanje materialov in komponent UV-C z namenom simulacije ultravijoličnega germicidnega obsevanja in druge uporabe (IEC 60068-2-87:2024)**

Environmental testing - Part 2-87: Tests - UV-C exposure of materials and components to simulate ultraviolet germicidal Irradiation or other applications (IEC 60068-2-87:2024)

Umgebungseinflüsse - Teil 2-87: Prüfverfahren - Prüfung xx: UV-C-Exposition von Materialien und Komponenten zur Nachbildung keimtötender ultravioletter Strahlung oder entsprechende Anwendungen (IEC 60068-2-87:2024)

Essais d'environnement - Partie 2-87: Essais - Exposition des matériaux et composants aux UV-C pour simuler l'irradiation germicide aux ultraviolets ou d'autres applications (IEC 60068-2-87:2024)

[SIST EN IEC 60068-2-87:2025](https://standards.iteh.ai/catalog/standards/sist/07ed6cfe-9d95-4a9a-aa31-9b4b60804899/sist-en-iec-60068-2-87-2025)

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**Ta slovenski standard je istoveten z: EN IEC 60068-2-87:2024**

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**ICS:**

19.040	Preskušanje v zvezi z okoljem	Environmental testing
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<b>SIST EN IEC 60068-2-87:2025</b>	<b>en</b>
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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN IEC 60068-2-87**

November 2024

ICS 19.040

English Version

**Environmental testing - Part 2-87: Tests - UV-C exposure of  
materials and components to simulate ultraviolet germicidal  
Irradiation or other applications  
(IEC 60068-2-87:2024)**

Essais d'environnement - Partie 2-87: Essais - Exposition  
des matériaux et composants aux UV-C pour simuler  
l'irradiation germicide aux ultraviolets ou d'autres  
applications  
(IEC 60068-2-87:2024)

Umgebungseinflüsse - Teil 2-87: Prüfverfahren - Prüfung  
xx: UV-C-Exposition von Materialien und Komponenten zur  
Nachbildung keimtötender ultravioletter Strahlung oder  
entsprechende Anwendungen  
(IEC 60068-2-87:2024)

This European Standard was approved by CENELEC on 2024-11-19. 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 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 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.

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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**

**EN IEC 60068-2-87:2024 (E)****European foreword**

The text of document 104/1067/FDIS, future edition 1 of IEC 60068-2-87, prepared by TC 104 "Environmental conditions, classification and methods of test" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 60068-2-87:2024.

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) 2025-11-30
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2027-11-30

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC shall not be held responsible for identifying any or all such patent rights.

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.

**Endorsement notice**

The text of the International Standard IEC 60068-2-87:2024 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standard indicated:

IEC 60335-1:2020 NOTE Approved as EN IEC 60335-1:2023 (not modified) +A11:2023

IEC 62471	NOTE Approved as EN 62471
ISO 105-A02	NOTE Approved as EN 20105-A02
ISO 105-A05	NOTE Approved as EN ISO 105-A05
ISO 4892-3	NOTE Approved as EN ISO 4892-3
ISO 178	NOTE Approved as EN ISO 178
ISO 179-1	NOTE Approved as EN ISO 179-1
ISO 179-2	NOTE Approved as EN ISO 179-2
ISO 2813	NOTE Approved as EN ISO 2813
ISO 3668	NOTE Approved as EN ISO 3668
ISO 4628-4	NOTE Approved as EN ISO 4628-4
ISO 4628-5	NOTE Approved as EN ISO 4628-5
ISO 4628-6	NOTE Approved as EN ISO 4628-6
ISO 4628-7	NOTE Approved as EN ISO 4628-7

ISO 4892-3 NOTE Approved as EN ISO 4892-3  
ISO 13468-1 NOTE Approved as EN ISO 13468-1  
ISO 13468-2 NOTE Approved as EN ISO 13468-2

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## Annex ZA (normative)

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

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: [www.cencenelec.eu](http://www.cencenelec.eu).

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
ISO 4892-1	-	Plastics - Methods of exposure to laboratory light sources - Part 1: General guidance	EN ISO 4892-1	-
ISO 9370	2017	Plastics - Instrumental determination of radiant exposure in weathering tests - General guidance and basic test method	-	-
ASTM G130	-	Standard Test Method for Calibration of Narrow- and Broad-Band Ultraviolet Radiometers Using a Spectroradiometer	-	-

[SIST EN IEC 60068-2-87:2025](https://standards.iteh.ai/catalog/standards/sist/07ed6cfe-9d95-4a9a-aa31-9b4b60804899/sist-en-iec-60068-2-87-2025)

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IEC 60068-2-87

Edition 1.0 2024-10

# INTERNATIONAL STANDARD

# NORME INTERNATIONALE

**Environmental testing –**  
**Part 2-87: Tests – UV-C exposure of materials and components to simulate**  
**ultraviolet germicidal Irradiation or other applications**

**Essais d'environnement –**  
**Partie 2-87: Essais – Exposition des matériaux et composants aux UV-C pour**  
**simuler l'irradiation germicide aux ultraviolets ou d'autres applications**

<https://standards.iteh.ai/catalog/standards/sist/07ed6cfe-9d95-4a9a-aa31-9b4b60804899/sist-en-iec-60068-2-87-2025>

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

## ENVIRONMENTAL TESTING –

**Part 2-87: Tests – UV-C exposure of materials and components to simulate ultraviolet germicidal irradiation or other applications**

## FOREWORD

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IEC 60068-2-87 has been prepared by IEC technical committee 104: Environmental conditions, classification and methods of test. It is an International Standard.

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

Draft	Report on voting
104/1067/FDIS	104/1073/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, available at [www.iec.ch/members\\_experts/refdocs](http://www.iec.ch/members_experts/refdocs). The main document types developed by IEC are described in greater detail at [www.iec.ch/publications](http://www.iec.ch/publications).

A list of all parts in the IEC 60068 series, published under the general title *Environmental testing*, 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](http://webstore.iec.ch) in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn, or
- revised.

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