



BSI Standards Publication

Environmental testing

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

National foreword

This British Standard is the UK implementation of EN IEC 60068-2-87:2024. It is identical to IEC 60068-2-87:2024.

The UK participation in its preparation was entrusted to Technical Committee GEL/104, Environmental conditions, classification and testing.

A list of organizations represented on this committee can be obtained on request to its committee manager.

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Amendments/corrigenda issued since publication

Date	Text affected
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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

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

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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

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.

<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	-	-