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Luminaires - Part 2-2: Particular requirements - Recessed luminaires and recessed air-handling luminaires

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 08/24

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NORME EUROPÉENNE
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EN IEC 60598-2-2

May 2024

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Supersedes EN 60598-2-2:2012

English Version

**Luminaires - Part 2-2: Particular requirements - Recessed
luminaires and recessed air-handling luminaires
(IEC 60598-2-2:2023)**

Luminaires - Partie 2-2: Exigences particulières -
Luminaires encastrés et luminaires à circulation d'air
encastrés
(IEC 60598-2-2:2023)

Leuchten - Teil 2-2: Besondere Anforderungen -
Einbauleuchten und luftführende Einbauleuchten
(IEC 60598-2-2:2023)

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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 60598-2-2:2024 (E)**European foreword**

The text of document 34D/1681/FDIS, future edition 4 of IEC 60598-2-2, prepared by SC 34D "Luminaires" of IEC/TC 34 "Lighting" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 60598-2-2:2024.

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In the official version, for Bibliography, the following note has to be added for the standard indicated:

IEC 60598-2-19 NOTE Approved as EN 60598-2-19

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>
IEC 60227	series	Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V	-	-
IEC 60245	series	Rubber insulated cables - Rated voltages up to and including 450/750 V	-	-
IEC 60598-1	-	Luminaires - Part 1: General requirements and tests	EN IEC 60598-1	-



IEC 60598-2-2

Edition 4.0 2023-01

INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Luminaire –
Part 2-2: Particular requirements – Recessed luminaire and recessed air-
handling luminaire**

**Luminaire –
Partie 2-2: Exigences particulières – Luminaire encastré et luminaire à
circulation d'air encastré**



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IEC Secretariat
3, rue de Varembe
CH-1211 Geneva 20
Switzerland

Tel.: +41 22 919 02 11
info@iec.ch
www.iec.ch

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IEC 60598-2-2

Edition 4.0 2023-01

INTERNATIONAL STANDARD

NORME INTERNATIONALE

Luminaire –

Part 2-2: Particular requirements – Recessed luminaire and recessed air-handling luminaire

Luminaire –

Partie 2-2: Exigences particulières – Luminaires encastrés et luminaires à circulation d'air encastrés

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CONTENTS

FOREWORD	3
2.1 Scope	5
2.2 Normative references	5
2.3 Terms and definitions	5
2.4 General test requirements	6
2.5 Classification of luminaires	6
2.6 Marking	6
2.7 Construction	7
2.8 Creepage distances and clearances	7
2.9 Provision for earthing	7
2.10 Terminals	7
2.11 External and internal wiring	7
2.12 Protection against electric shock	7
2.13 Endurance tests and thermal tests	8
2.14 Resistance to dust and moisture	8
2.15 Insulation resistance and electric strength	9
2.16 Resistance to heat, fire and tracking	9
Annex A (normative) Measurement of ambient temperature in an installation	10
Annex B (normative) Recessed luminaires thermal test methods	11
Annex C (informative) Explanation of t_a with respect to air-handling luminaires	14
Annex D (informative) Schedule of amended subclauses containing more serious or critical requirements which require products to be retested	15
Bibliography	16
Figure 1 – Symbol for luminaires not suitable for direct mounting on normally flammable surfaces (suitable only for mounting on non-combustible surfaces)	6
Figure 2 – Symbol for luminaires not suitable for covering with thermally insulating material	7
Figure B.1 – Example of test recess where a luminaire suitable for covering with thermal insulating material comprises separate parts	11
Figure B.2 – Example of test recess where a luminaire not suitable for covering with thermal insulating material comprises separate parts	12
Figure B.3 – Correct test box size (insulating ceilings) for settable and adjustable luminaires	13
Table 1 – Operating temperature of cable	8

INTERNATIONAL ELECTROTECHNICAL COMMISSION

LUMINAIRES –

Part 2-2: Particular requirements – Recessed luminaires and recessed air-handling luminaires

FOREWORD

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IEC 60598-2-2 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 2011. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition (there are no major technical changes, see Annex D):

- a) The requirements specific to recessed luminaires given in IEC 60598-1 are now incorporated in this Part 2-2.
- b) The requirements for air-handling luminaires given in IEC 60598-2-19 are now incorporated in this Part 2-2.
- c) The references to Part 1 have been updated.

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

Draft	Report on voting
34D/1681/FDIS	34D/1688/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. The main document types developed by IEC are described in greater detail at www.iec.ch/standardsdev/publications.

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

This Part 2-2 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 ninth edition (2020).

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

NOTE 2 In this document, the following print type is used:

- compliance statements: *in italic type*.

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- reconfirmed,
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LUMINAIRES –

Part 2-2: Particular requirements – Recessed luminaires and recessed air-handling luminaires

2.1 Scope

This part of IEC 60598 specifies requirements for recessed luminaires incorporating electric light sources for operation from supply voltages up to 1 000 V. It also specifies requirements for recessed air-handling luminaires for use with a ventilation duct or ventilated space (plenum).

NOTE The expressions "ventilation" and "ventilated" in this document refer to forced ventilation.

2.2 Normative references

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.

IEC 60227 (all parts), *Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V*

IEC 60245 (all parts), *Rubber insulated cables – Rated voltages up to and including 450/750 V*

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