



SLOVENSKI STANDARD
oSIST prEN IEC 60598-2-4:2026
01-november-2026

Svetilke - 2-4. del: Posebne zahteve - Prenosne svetilke za splošno uporabo

Luminaires - Part 2-4: Particular requirements - Portable general purpose luminaires

Leuchten - Teil 2: Besondere Anforderungen - Hauptabschnitt 4: Ortsveränderliche Leuchten für allgemeine Zwecke

Luminaires - Partie 2-4: Exigences particulières - Luminaires portatifs à usage général

Ta slovenski standard je istoveten z: prEN IEC 60598-2-4:2026

ICS:

29.140.40	Svetila	Luminaires
-----------	---------	------------

oSIST prEN IEC 60598-2-4:2026	en,fr,de
--------------------------------------	-----------------

Sample Document

get full document from standards.iteh.ai



34D/1826/CDV

COMMITTEE DRAFT FOR VOTE (CDV)

PROJECT NUMBER:

IEC 60598-2-4 ED4

DATE OF CIRCULATION:

2026-09-18

CLOSING DATE FOR VOTING:

2026-12-11

SUPERSEDES DOCUMENTS:

34D/1758/CD, 34D/1774A/CC

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☐ NOT 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.

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.

Recipients of this document are invited to submit, with their comments, notification of any relevant "In Some Countries" clauses to be included should this proposal proceed. Recipients are reminded that the CDV stage is the final stage for submitting ISC clauses. (SEE [AC/22/2007](#) OR [NEW GUIDANCE DOC](#)).

TITLE:

Luminaires - Part 2-4: Particular requirements - Portable general purpose luminaires

PROPOSED STABILITY DATE: 2030

NOTE FROM TC/SC OFFICERS:

This CDV for a new Edition 4.0 of IEC 60598-2-4 provides a structural updating only of Edition 4.0 to align with the new IEC 60598-1:2024 Edition 10.

As detailed by Annex AAA of this CDV, no requirements of this document are considered more onerous compared with the previous edition.

Copyright © 2026 International Electrotechnical Commission, IEC. All rights reserved. It is permitted to download this electronic file, to make a copy and to print out the content for the sole purpose of preparing National Committee positions. You may not copy or "mirror" the file or printed version of the document, or any part of it, for any other purpose without permission in writing from IEC.

IEC CDV 60598-2-4 © IEC 2026

CONTENTS

1			
2			
3	FOREWORD		2
4	1 Scope		4
5	2 Normative references		4
6	3 Terms and definitions		4
7	4 General test requirements		4
8	5 Classification of luminaires		5
9	6 Marking		5
10	7 Construction		5
11	8 External and internal wiring		6
12	9 Provisions for earthing		7
13	10 Protection against electric shock		7
14	11 Resistance to dust, solid objects and moisture		7
15	12 Insulation resistance and electric strength, touch current and protective conductor		
16	current.....		7
17	13 Creepage distances and clearances		7
18	14 Endurance tests and thermal tests		7
19	15 Resistance to heat, fire and tracking		8
20	16 Screw terminals		8
21	17 Screwless terminals and electrical connections		8
22	Annex AAA (informative) Schedule of amended subclauses containing more		
23	serious/critical requirements which require products to be retested		9
24			
25	Figure 1 – Portable luminaires “For indoor use only”		6
26			
27			

INTERNATIONAL ELECTROTECHNICAL COMMISSION

LUMINAIRES –

**Part 2-4: Particular requirements –
Portable general purpose luminaires**

FOREWORD

- 1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, IEC publishes International Standards, Technical Specifications, Technical Reports, Publicly Available Specifications (PAS) and Guides (hereafter referred to as "IEC Publication(s)"). Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
- 2) The formal decisions or agreements of IEC on technical matters express, as nearly as possible, an international consensus of opinion on the relevant subjects since each technical committee has representation from all interested IEC National Committees.
- 3) IEC Publications have the form of recommendations for international use and are accepted by IEC National Committees in that sense. While all reasonable efforts are made to ensure that the technical content of IEC Publications is accurate, IEC cannot be held responsible for the way in which they are used or for any misinterpretation by any end user.
- 4) In order to promote international uniformity, IEC National Committees undertake to apply IEC Publications transparently to the maximum extent possible in their national and regional publications. Any divergence between any IEC Publication and the corresponding national or regional publication shall be clearly indicated in the latter.
- 5) IEC itself does not provide any attestation of conformity. Independent certification bodies provide conformity assessment services and, in some areas, access to IEC marks of conformity. IEC is not responsible for any services carried out by independent certification bodies.
- 6) All users should ensure that they have the latest edition of this publication.
- 7) No liability shall attach to IEC or its directors, employees, servants or agents including individual experts and members of its technical committees and IEC National Committees for any personal injury, property damage or other damage of any nature whatsoever, whether direct or indirect, or for costs (including legal fees) and expenses arising out of the publication, use of, or reliance upon, this IEC Publication or any other IEC Publications.
- 8) Attention is drawn to the Normative references cited in this publication. Use of the referenced publications is indispensable for the correct application of this publication.
- 9) IEC draws attention to the possibility that the implementation of this document may involve the use of (a) patent(s). IEC takes no position concerning the evidence, validity or applicability of any claimed patent rights in respect thereof. As of the date of publication of this document, IEC had not received notice of (a) patent(s), which may be required to implement this document. However, implementers are cautioned that this may not represent the latest information, which may be obtained from the patent database available at <https://patents.iec.ch>. IEC shall not be held responsible for identifying any or all such patent rights.

IEC 60598-2-4 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 2017. 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) modification in the detail of test to clarify that during the stability test on an inclined plane the luminaire does not slide (see 7.103);
- c) the clause that portable luminaires for outdoor use shall not be provided with tails has been deleted;