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Responsible committee: CPL/34/4 Luminaires

Interested committees:

Title: BS EN IEC 60598-2-13 Luminaires

Part 2-13: Particular requirements - Ground recessed luminaires

Please notify the secretary if you are aware of any keywords that might assist in classifying or identifying the standard or if the content of this standard

- i) has any issues related to 3rd party IPR, patent or copyright
- ii) affects other national standard(s)
- iii) requires additional national guidance or information

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THIS DRAFT IS NOT CURRENT BEYOND 16 October 2024**

This draft is issued to allow comments from interested parties; all comments will be given consideration prior to publication. No acknowledgement will normally be sent. **See overleaf for information on the submission of comments.**

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Responsible Committee Secretary: **Mr Simon Bounds (BSI)**Direct tel: **0208 996 7281**E-mail: simon.bounds@bsigroup.com

Introduction

This draft standard is based on national and international discussions. Your comments on this draft are invited and will assist in the preparation of the consequent standard.

For international standards, comments will be reviewed by the relevant UK national committee before sending the consensus UK vote and comments to the international committee, which will then decide appropriate action. If the international standard is approved, it is usual for the text to be published as a British Standard.

For national standards, comments will be reviewed by the relevant UK national committee and the resulting standards published as a British Standard.

UK Vote

Please indicate whether you consider the UK should submit a negative (with supporting technical reasons) or positive vote on this draft. Please indicate if you are aware of any reason why this draft standard should not be published as a British Standard.

Submission of Comments

- **Annotated drafts are not acceptable and will be rejected.**
- All comments should be submitted online at <https://standardsdevelopment.bsigroup.com/>. You will need to register in order to comment.

Template for comments and secretariat observations

Date: xx/xx/20xx	Document: ISO/DIS xxxx
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1	2	(3)	4	5	(6)	7
MB	Clause No./ Subclause No./Annex (e.g. 3.1)	Paragraph/Figure/ Table/Note	Type of comment	Commend (justification for change) by the MB	Proposed change by the MB	Secretariat observations on each comment submitted
	3.1	Definition 1	ed	Definition is ambiguous and needs clarifying.	Amend to read '...so that the mains connector to which no connection...'	
	6.4	Paragraph 2	te	The use of the UV photometer as an alternative cannot be supported as serious problems have been encountered in its use in the UK.	Delete reference to UV photometer.	



34D/1748/CD

COMMITTEE DRAFT (CD)

PROJECT NUMBER:
IEC 60598-2-13 ED2

DATE OF CIRCULATION:
2024-09-20

CLOSING DATE FOR COMMENTS:
2024-12-13

SUPERSEDES DOCUMENTS:
34D/1727/RR

IEC SC 34D : LUMINAIRES	
SECRETARIAT: United Kingdom	SECRETARY: Ms Shanti Conn
OF INTEREST TO THE FOLLOWING COMMITTEES:	HORIZONTAL FUNCTION(S):
ASPECTS CONCERNED:	

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 local regulations or technical reasons that may exist and should be considered should this proposal proceed, recognizing that failure to address such requirements could result in the need for new or existing "In Some Countries" clauses. (SEE [AC/22/2007](#) OR [NEW GUIDANCE DOC](#)).

TITLE:

Luminaires - Part 2-13: Particular requirements - Ground recessed luminaires

NOTE FROM TC/SC OFFICERS:

Project Leader: Fabrizio Tironi

This CD for a new Editon 2.0 of IEC 60598-2-13 provides a structural updating only of Edition 1.2 to align with the new IEC 60598-1 Edition 10 (34D/1739/FDIS). As detailed by Annex AAB of this CD, no requirements of this document are considered more onerous compared with the previous edition.

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[Introduction for national committees \(not part of the proposal\)](#)

[This CD for a new Editon 2.0 of IEC 60598-2-13 provides a structural updating only of Edition 1.2 to align with the new IEC 60598-1 Edition 10 \(34D/XXXX/FDIS\). As detailed by Annex AAB of this CD, no requirements of this document are considered more onerous compared with the previous edition.](#)

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

LUMINAIRES –

**Part 2-13: Particular requirements –
Ground recessed 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.

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IEC 60598-2-13 has been prepared by subcommittee 34D: Luminaires, of IEC technical committee 34: Lighting. It is an International Standard.

This second edition cancels and replaces the first edition published in 2006, Amendment 1:2011 and Amendment 2:2016. 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) The scope has been updated

c) The static load test has been clarified

d) "Crosswalk" was added to the examples in Annex AAA

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

<u>Draft</u>	<u>Report on voting</u>
<u>XX/XX/FDIS</u>	<u>XX/XX/RVD</u>

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 2-13 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 (20XX) 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, notes, figures and tables 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.

—FOREWORD—

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Introduction for national committees (not part of the proposal)

This CDV for a new Edition 2.0 of IEC 60598-2-13 provides a structural updating only of Edition 1.2 to align with the new IEC 60598-1 Edition 10 (34D/XXXX/FDIS). As detailed by Annex AAA of this CDV, no requirements of this document are considered more onerous compared with the previous edition.

International Standard IEC 60598-2-13 has been prepared by subcommittee 34D: Luminaires, of IEC technical committee 34: Lamps and related equipment.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

This publication is intended to be read in conjunction with IEC 60598-1: *Luminaires — Part 1: General requirements and tests*. It was established on the basis of the sixth edition of that standard.

This Part 2-13 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 (20XX) of that standard.

NOTE 1 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, notes, figures and tables additional to those in Part 1 are numbered starting from 101; supplementary annexes are entitled AAA, AAB, etc.

Part 2 of IEC 60598 consists of the following parts¹ under the general title *Luminaires — Part 2: Particular requirements*:

Part 2-1: Fixed general purpose luminaires

Part 2-2: Recessed luminaires

Part 2-3: Luminaires for road and street lighting

Part 2-4: Portable general purpose luminaires

Part 2-5: Floodlights

Part 2-6: Luminaires with built-in transformers for filament lamps

¹ Other parts are under consideration.