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Date: 20 April 2022

Origin: International

Latest date for receipt of comments: 01 June 2022

Project No. 2019/00545

Responsible committee: CPL/34/3 Auxiliaries for lamps

Interested committees:

Title: Draft BS EN IEC 61347-2-13 Controlgear for electric light sources - Safety. Part 2-13: Particular requirements for electronic controlgear for LED light sources.

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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Full document details: 22/30454700 DC

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 Please indicate if you are aware of any reason why this draft standard should not be published as a British Standard.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	Comment (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.	



34C/1553/CD

COMMITTEE DRAFT (CD)

PROJECT NUMBER:

IEC 61347-2-13 ED3

DATE OF CIRCULATION:

2022-04-08

CLOSING DATE FOR COMMENTS:

2022-07-01

SUPERSEDES DOCUMENTS:

34C/1500/CD, 34C/1521A/CC

IEC SC 34C : AUXILIARIES FOR LAMPS

SECRETARIAT:

United Kingdom

SECRETARY:

Mr Petar Luzajic

OF INTEREST TO THE FOLLOWING COMMITTEES:

PROPOSED HORIZONTAL STANDARD:



Other TC/SCs are requested to indicate their interest, if any, in this CD to the secretary.

FUNCTIONS CONCERNED:

☐ EMC

☐ ENVIRONMENT

☐ QUALITY ASSURANCE

☒ SAFETY

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.

TITLE:

Controlgear for electric light sources – Safety – Part 2-13: Particular requirements for electronic controlgear for LED light sources

NOTE FROM TC/SC OFFICERS:

In considering this CD national committees are asked to limit their comments to

- a) immediately safety relevant items and
- b) simple editorial improvements

Further comments to the wider content of the standard, addressing the ease of use etc., are not disregarded, but should be expected to be shelved for inclusion at the next revision cycle.

The reason for this restriction is to allow for the publication of this revision within a reasonable time period.

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CONTENTS

1	CONTENTS	2
2	FOREWORD	4
3	1 Scope	7
4	2 Normative references	7
5	3 Terms and definitions	7
6	4 General requirements	9
7	5 General notes on tests	9
8	6 Information and marking	9
9	6.1 Marking and information	9
10	6.1.1 Mandatory markings	9
11	6.1.2 Information to be provided	10
12	6.2 Durability and legibility of marking	10
13	6.3 Built-in and integral controlgear	10
14	7 Terminals	10
15	8 Earthing	10
16	9 Protection against accidental contact with live parts	10
17	10 Moisture resistance and insulation	10
18	11 Electric strength	10
19	12 Fault Conditions	11
20	12.1 General	11
21	12.2 Separating controlgear	11
22	12.2.1 General	11
23	12.2.2 Test specifications	11
24	12.2.3 Compliance	12
25	13 Thermal requirements	12
26	13.1 General	12
27	13.2 Normal operation	12
28	13.3 Abnormal operation	13
29	14 Construction	13
30	15 Creepage distances and clearances	13
31	16 Screws, current-carrying parts and connections	13
32	17 Resistance to heat, fire and tracking	13
33	18 Output working voltage (U_{out})	13
34	19 Rated Output Characteristics	14
35	Annex A (normative) Additional requirements for centrally supplied controlgear for emergency lighting	15
36	A.1 Marking and information	15
37	A.2 General notes on tests	15
38	A.3 Operating condition	15
39	A.4 Emergency supply current	15
40	A.5 EMC immunity	16
41	A.6 Pulse voltage from central battery systems	16
42	A.7 Tests for abnormal conditions	16
43	A.8 Temperature cycling test and endurance test	16

46	A.9 Functional safety (EOF_x).....	16
47	Annex B (informative) Schedule of more onerous requirements	18
48	Bibliography.....	19
49		
50	Table A.1 – Pulse voltages	16
51		

INTERNATIONAL ELECTROTECHNICAL COMMISSION

CONTROLGEAR FOR ELECTRIC LIGHT SOURCES – SAFETY**Part 2-13: Particular requirements for
electronic controlgear for LED light sources****FOREWORD**

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IEC 61347-2-13 has been prepared by subcommittee 34C: Auxiliaries for lamps, of IEC technical committee 34: Lighting.

This third edition cancels and replaces the second edition published in 2014 and Amendment 1 (2016). This edition constitutes a technical revision.

98 This edition includes the following significant technical changes with respect to the previous
99 edition:

- 100 a) changes in IEC 61347-1 (see ED 4 of IEC 61347-1)
- 101 b) alignment with respect to edition 4 of IEC 61347-1:
- 102 – introduction of dated references as appropriate
- 103 – deletion of the clauses/subclauses which are either no longer relevant or now covered
- 104 in part 1
- 105 c) update of normative references, introducing dated references where appropriate
- 106 d) scope extension to 1 500 V for DC
- 107 e) scope clarification
- 108 f) deletion of unused definitions
- 109 g) revision of information and marking requirements
- 110 h) new Marking requirement “LED controlgear”
- 111 i) new requirements for LED controlgear with constant light output function or programmable
- 112 current (additions to clauses 3, 6, 13 and 19)
- 113 j) additional touch current requirements under fault conditions (clause 12)
- 114 k) addition of requirements for the determination of the output working voltage (new Clause 18)

115 This document is intended to be used in conjunction with IEC 61347-1. Where the requirements of any
116 of the clauses of IEC 61347-1 are referred to in this document by the phrase “IEC 61347-1, Clause n
117 applies”, this phrase is interpreted as meaning that all requirements of the clause in question of
118 IEC 61347-1 apply, except any which are clearly inapplicable to the specific type of controlgear
119 covered by this document.

120 A list of all parts in the IEC 61347, published under the general title *Controlgear for electric light*
121 *sources* can be found on the IEC website.

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

FDIS	Report on voting
34C/____/FDIS	34C/____/RVD

123

124 Full information on the voting for the approval of this standard can be found in the report on voting

125 indicated in the above table.

126 The language used for the development of this International Standard is English.

127 This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in
128 accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at
129 www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in
130 greater detail at www.iec.ch/publications.

131 The committee has decided that the contents of this document will remain unchanged until the stability
132 date indicated on the IEC website under webstore.iec.ch in the data related to the specific document.
133 At this date, the document will be

- 134 • reconfirmed,
- 135 • withdrawn,
- 136 • replaced by a revised edition, or
- 137 • amended.
- 138