



BSI Standards Publication

Electrical installations for aeronautical ground lighting at aerodromes

Part 1: Fundamental principles

National foreword

This British Standard is the UK implementation of EN IEC 61820-1:2019. It is identical to IEC 61820-1:2019.

The UK participation in its preparation was entrusted to Technical Committee EPL/97, Aeronautical ground lighting.

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

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Amendments/corrigenda issued since publication

Date	Text affected
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English Version

Electrical installations for aeronautical ground lighting at
aerodromes - Part 1: Fundamental principles
(IEC 61820-1:2019)

Installations électriques pour le balisage aéronautique au
sol dans les aérodromes - Partie 1: Principes fondamentaux
(IEC 61820-1:2019)

Elektrische Anlagen für Beleuchtung und Befeuerung von
Flugplätzen - Teil 1: Allgemeine Grundsätze
(IEC 61820-1:2019)

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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 97/198/FDIS, future edition 1 of IEC 61820-1, prepared by IEC/TC 97 "Electrical installations for lighting and beaconing of aerodromes" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 61820-1:2019.

The following dates are fixed:

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- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2022-06-06

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The text of the International Standard IEC 61820-1:2019 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 standards indicated:

IEC 60364-4-41	NOTE	Harmonized as HD 60364-4-41
IEC 60529	NOTE	Harmonized as EN 60529
IEC 61140	NOTE	Harmonized as EN 61140
IEC 61820 (series)	NOTE	Harmonized as EN 61820 ¹ (series)
IEC 61821	NOTE	Harmonized as EN 61821
IEC 62305-2	NOTE	Harmonized as EN 62305-2

¹ Under preparation. Stage at the time of publication: prEN 61820 (series).

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.cenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60364-4-41	-	Low-voltage electrical installations - Part 4-41: Protection for safety - Protection against electric shock	HD 60364-4-41	-
IEC 60721-3-3	-	Classification of environmental conditions - Part 3-3: Classification of groups of environmental parameters and their severities - Stationary use at weatherprotected locations	-	-
IEC 60721-3-4	-	Classification of environmental conditions - Part 3-4: Classification of groups of environmental parameters and their severities - Stationary use at non-weatherprotected locations	-	-
IEC 61000-6-2	-	Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity standard for industrial environments	EN IEC 61000-6-2	-
IEC 61000-6-4	-	Electromagnetic compatibility (EMC) - Part 6-4: Generic standards - Emission standard for industrial environments	EN IEC 61000-6-4	-
IEC 62870	-	Electrical installations for lighting and beaconing of aerodromes - Safety secondary circuits in series circuits - General safety requirements	EN 62870	-

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