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BS EN 62007-1:2015



BSI Standards Publication

Semiconductor optoelectronic devices for fibre optic system applications

Part 1: Specification template for essential ratings and characteristics

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This British Standard is the UK implementation of EN 62007-1:2015. It is identical to IEC 62007-1:2015. It supersedes BS EN 62007-1:2009 which is withdrawn.

The UK participation in its preparation was entrusted by Technical Committee GEL/86, Fibre optics, to Subcommittee GEL/86/3, Fibre optic systems and active devices.

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

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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Amendments/corrigenda issued since publication

Date	Text affected
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EUROPÄISCHE NORM

June 2015

ICS 31.080.01; 31.260; 33.180.01

Supersedes EN 62007-1:2009

English Version

Semiconductor optoelectronic devices for fibre optic system
applications - Part 1: Specification template for essential ratings
and characteristics
(IEC 62007-1:2015)

Dispositifs optoélectroniques à semiconducteurs pour
application dans les systèmes à fibres optiques - Partie 1:
Modèle de spécification relatif aux valeurs et
caractéristiques essentielles
(IEC 62007-1:2015)

Optoelektronische Halbleiterbauelemente für Anwendungen
in Lichtwellenleitersystemen - Teil 1: Vorlage für
Leistungsspezifikationen für wesentliche Grenz- und
Kennwerte
(IEC 62007-1:2015)

This European Standard was approved by CENELEC on 2015-05-04. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

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The text of document 86C/1256/CDV, future edition 3 of IEC 62007-1, prepared by SC 86C "Fibre optic systems and active devices" of IEC/TC 86 "Fibre optics" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 62007-1:2015.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2016-02-04
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2018-05-04

This document supersedes EN 62007-1:2009.

EN 62007-1:2015 includes the following significant technical changes with respect to EN 62007-1:2009:

- 1) The definitions of some symbols and terms are revised in order to harmonize them with those in other SR 86C documents;
- 2) A clause on APD-TIA has been added.

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Endorsement notice

The text of the International Standard IEC 62007-1:2015 was approved by CENELEC as a European Standard without any modification.

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(normative)

Normative references to international publications with their corresponding European publications

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 When 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 60825	Series	Safety of laser products	EN 60825	Series
IEC 60747-5-1	-	Discrete semiconductor devices and integrated circuits - Part 5-1: Optoelectronic devices - General	EN 60747-5-1	-

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