

Specification for

Power and energy measuring detectors, instruments and equipment for laser radiation

The European Standard EN 61040:1992 has the status of a
British Standard

UDC 621.317.7:621.37

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This British Standard, having been prepared under the direction of the Electronic Equipment Standards Policy Committee, was published under the authority of the Standards Board and comes into effect on 15 October 1993

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National foreword

This British Standard has been prepared under the direction of the Electronic Equipment Standards Policy Committee and is the English language version of EN 61040:1992 *Power and energy measuring detectors, instruments and equipment for laser radiation*, published by the European Committee for Electrotechnical Standardization (CENELEC). It is identical with IEC 1040:1990 published by the International Electrotechnical Commission (IEC).

The standard specifies definitions and minimum requirements for laser equipment and also gives suitable test procedures to be used.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the EN title page, pages 2 to 12, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

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Descriptors: Laser, safety, equipment classification, user's guide

English version

Power and energy measuring detectors, instruments and equipment for laser radiation

(IEC 1040:1990)

Détecteurs, instruments et matériels de
mesurage de puissance et d'énergie des
rayonnements laser
(CEI 1040:1990)

Empfänger, Meßgeräte und Anlagen zur
Messung von Leistung und Energie von
Laserstrahlung
(IEC 1040:1990)

This European Standard was approved by CENELEC on 1992-09-15. 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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CENELEC

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

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Foreword

At the request of the CENELEC Technical Committee TC 76, Laser equipment, the International Standard IEC 1040:1990 was submitted to the CENELEC Unique Acceptance Procedure (UAP) in December 1991 for acceptance as a European Standard.

The text of the International Standard was approved by CENELEC as EN 61040 on 15 September 1992.

The following dates were fixed:

- latest date of publication of an identical national standard (dop) 1993-09-01
- latest date of withdrawal of conflicting national standards (dow) 1993-09-01

For products which have complied with the relevant national standard before 1993-09-01, as shown by the manufacturer or by a certification body, this previous standard may continue to apply for production until 1998-09-01.

Annexes designated “normative” are part of the body of the standard. In this standard, Annex ZA is normative.

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