



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 61315:2006

ICS 33.140
33.180.10

National Standards
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**CALIBRATION OF FIBRE-OPTIC POWER
METERS**

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Údarás um Chaighdeáin Náisiúnta na hÉireann

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 61315

January 2006

ICS 33.140;33.180.10

Supersedes EN 61315:1997

English version

Calibration of fibre-optic power meters
(IEC 61315:2005)

Étalonnage de wattmètres pour dispositifs
à fibres optiques
(CEI 61315:2005)

Kalibrierung von Lichtwellenleiter-
Leistungsmessern
(IEC 61315:2005)

This European Standard was approved by CENELEC on 2005-11-01. 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.

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CENELEC

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

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Foreword

The text of document 86/239/FDIS, future edition 2 of IEC 61315, prepared by IEC TC 86, Fibre optics, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61315 on 2005-11-01.

This European Standard supersedes EN 61315:1997.

Changes from EN 61315:1997 consist of adapting the uncertainty calculations to the approach taken by the GUM, and adapting the terminology and graphical symbology to international standards VIM, IEC 61931 and IEC 61930.

The importance of the nonlinearity calibration is emphasized by giving more detail and is now in a separate clause.

Requirements concerning organization and traceability have been taken out of this standard since they are general requirements concerning calibration laboratories and are given in EN ISO/IEC 17025.

The goal to standardize the type of power meter specifications has been removed since it does not belong in a standard on calibration. Specifications should, however, still be based on calibrations made following this standard and EN 60359.

The following dates were fixed:

- latest date by which the EN has to be implemented
at national level by publication of an identical
national standard or by endorsement (dop) 2006-08-01

- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2008-11-01

Endorsement notice

The text of the International Standard IEC 61315:2005 was approved by CENELEC as a European Standard without any modification.

**NORME
INTERNATIONALE
INTERNATIONAL
STANDARD**

**CEI
IEC**

61315

Deuxième édition
Second edition
2005-10

**Etalonnage de wattmètres
pour dispositifs à fibres optiques**

**Calibration of fibre-optic
power meters**



Numéro de référence
Reference number
CEI/IEC 61315:2005

Numérotation des publications

Depuis le 1er janvier 1997, les publications de la CEI sont numérotées à partir de 60000. Ainsi, la CEI 34-1 devient la CEI 60034-1.

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