

Measurement method of total input power of ballast-lamp circuits

The European Standard EN 50294:1998, with the incorporation of amendment A1:2001 and A2:2003, has the status of a British Standard

ICS 29.140.99

National foreword

This British Standard is the official English language version of EN 50294:1998, including amendments A1:2001 and A2:2003.

The start and finish of text introduced or altered by CENELEC amendment is indicated in the text by tags **A1** **A1**. Tags indicating changes to text carry the number of the CENELEC amendment. For example, text altered by CENELEC amendment A1 is indicated by **A1** **A1**.

The UK participation in its preparation was entrusted to Technical Committee CPL/34/3, Auxiliaries for lamps, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

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

Cross-references

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Summary of pages

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Measurement method of total input power of ballast-lamp circuits
(includes amendments A1:2001 and A2:2003)

Méthode de mesure de la
puissance d'entrée totale
des circuits ballasts/lampes
(inclut les amendements A1:2001 et
A2:2003)

Verfahren zur Messung der
Gesamteingangsleistung von
Vorschaltgerät-Lampe-Schaltungen
(enthält Änderungen A1:2001 und
A2:2003)

This European Standard was approved by CENELEC on 1998-08-01. Amendment A1 was approved by CENELEC on 2000-08-01. Amendment A2 was approved by CENELEC on 2002-12-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment 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, Czech Republic, 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

This European Standard was prepared by the Technical Committee CENELEC TC 34Z, Luminaires and associated equipment.

The text of the draft was submitted to the Unique Acceptance Procedure and was approved by CENELEC as EN 50294 on 1998-08-01.

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) 1999-06-01
- date on which national standards
conflicting with the EN have to be withdrawn (dow) 1999-06-01

This standard has been drafted in response to a request from the European Commission for a measurement method for total input power of ballast-lamp circuits to support a common European classification system.

The measured total input power, with account taken of different ballast lumen factors for the different circuits is intended to be used for the classification of ballast-lamp circuits.

Consideration is being given to include in a future edition of this standard:

- Ballast-high intensity discharge (HID) lamp circuits;
- Transformer or step-down converter — low voltage halogen lamp circuits;
- Ballast-linear fluorescent lamps and single ended (compact) lamp circuits not currently included in this standard.

Foreword to amendment A1

This amendment was prepared by the Technical Committee CENELEC TC 34Z, Luminaires and associated equipment.

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Foreword to amendment A2

This amendment was prepared by CELMA, an organization in liaison with the Technical Committee CENELEC TC 34Z, Luminaires and associated equipment.

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