



SLOVENSKI STANDARD
SIST EN 50294:2000/A1:2002
01-december-2002

Measurement method of total input power of ballast-lamp circuits - Amendment 1

Measurement method of total input power of ballast-lamp circuits

Verfahren zur Messung der Gesamteingangsleistung von Vorschaltgerät-Lampe-Schaltungen

Méthode de mesure de la puissance d'entrée totale des circuits ballasts/lampes

STANDARD PREVIEW
(standards.iteh.ai)

Ta slovenski standard je istoveten z: EN 50294:1998/A1:2001

<https://standards.iteh.ai/catalog/standards/sist/f877ad9e-4bcb-4dd6-94be-538190571e93/sist-en-50294-2000-a1-2002>

ICS:

29.140.99	Drugi standardi v zvezi z žarnicami	Other standards related to lamps
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SIST EN 50294:2000/A1:2002 **en**

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EUROPEAN STANDARD

EN 50294/A1

NORME EUROPÉENNE

EUROPÄISCHE NORM

June 2001

ICS 29.140.99

English version

Measurement method of total input power of ballast-lamp circuits

Méthode de mesure de la
puissance d'entrée totale
des circuits ballasts/lampes

Verfahren zur Messung der
Gesamteingangsleistung von
Vorschaltgerät-Lampe-Schaltungen

This amendment A1 modifies the European Standard EN 50294:1998; it was approved by CENELEC on 2000-08-01. 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 amendment 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

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

Foreword

This amendment 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 amendment A1 to EN 50294:1998 on 2000-08-01.

The following dates were fixed:

- latest date by which the amendment has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2001-12-01
- latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 2003-08-01

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4.1 Lines 2 and 3 **delete** “EC Directive 89/336/EEC (EMC Directive)”.

4.2 Replace the second paragraph by:

The declared ballast lumen factor shall be in the range of 0,925 to 1,075. A ballast with lower ballast lumen factor is not suitable for testing. The upper limit of 1,075 may be exceeded, if the values for maximum lamp operating current and maximum current in any lead to cathodes comply with the rated values in IEC 60081 and IEC 60901.

5.4 After the second paragraph renumber the note “NOTE 1” and **add** a second note:

NOTE 2 Measurement in the Ulbricht sphere is accepted as an alternative to the ones prescribed in Figures 1 and 2. The diameter of the sphere should be at least A+200 mm. For parameter A see Figure 2. In case of doubt the measurement using photocell (Figures 1 and 2) should be the reference.

After the sixth paragraph, **add**:

The upper limit of 1,075 may be exceeded if the rated values for the lamp operating current and for the maximum current in any lead to the electrodes is in accordance with IEC 60081 and IEC 60901.

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