



Aeronautical ground lighting electrical installation - Signs: Equipment specifications and tests

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-ENV 50235:2008 sisaldab Euroopa standardi ENV 50235:1997 ingliskeelset teksti.

Standard on kinnitatud Eesti Standardikeskuse 19.08.2008 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.

Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 05.02.1997.

Standard on kättesaadav Eesti standardiorganisatsioonist.

This Estonian standard EVS-ENV 50235:2008 consists of the English text of the European standard ENV 50235:1997.

This standard is ratified with the order of Estonian Centre for Standardisation dated 19.08.2008 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.

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ICS 93.120

Võtmesõnad:

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English version

Aeronautical ground lighting electrical installation
Signs: Equipment specifications and tests

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CENELEC

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

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Foreword

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The following date was fixed:

- latest date by which the existence of the ENV
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1 Scope, object and fundamental principles

This standard covers signs installed in the movement area to provide pilots and vehicle operators with information. The Standard is applicable to signs with built-in illumination arrangements using tungsten filament, tubular fluorescent and other discharge lamps on supply voltages not exceeding 1000 V.

The standard shall not apply to non-illuminated signs or signs illuminated by external light sources.

The object is to provide design and construction specifications for the signs that are considered necessary to meet the operational standards adopted by ICAO and to cover all aspects of safety (electrical, thermal and mechanical).

The signs may be energised from parallel power supply or by connection to a constant current series circuit used for taxiway or runway lighting systems.

2 Normative references

This prestandard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter.

For dated references, subsequent amendments to or revisions of any of these publications apply to this prestandard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

prEN 356	Glass in building. Security glazing. Testing and classification of resistance against manual attack
EN 50081-2	Electromagnetic compatibility - Generic emission standard Part 2: Industrial environment
EN 50082-2	Electromagnetic compatibility - Generic immunity standard Part 2: Industrial environment
ENV 50232	Aviation ground lighting electrical installation Isolating transformer: Equipment specifications and tests
IEC 50(191)	International Electrotechnical Vocabulary Chapter 191: Dependability and quality of service
EN 60598-1	Luminaires - Part 1: General requirements and tests
EN 60920	Ballasts for tubular fluorescent lamps - General and safety requirements
EN 60924	DC supplied electronic ballasts for tubular fluorescent lamps General and safety requirements
EN 60928	AC supplied electronic ballasts for tubular fluorescent lamps General and safety requirements
ICAO	International standards and recommended practices Aerodromes Annex 14 to the Convention on International Civil Aviation, Volume 1 and 2, Aerodrome Design and Operations (Issued by International Civil Aviation Organisation)