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EUROPEAN STANDARD

EN 60925

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EUROPÄISCHE NORM

February 1991

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Descriptors: Electrical equipment, fluorescent lamp, tubular lamp, reference ballast, marking, construction characteristic, performance characteristic, test

ENGLISH VERSION

**D.C. SUPPLIED ELECTRONIC BALLASTS FOR TUBULAR
FLUORESCENT LAMPS - PERFORMANCE REQUIREMENTS
(IEC 925:1989)**

**Ballasts électroniques alimentés
en courant continu pour lampes
tubulaires à fluorescence
Prescriptions de performances
(CEI 925:1989)**

**Gleichstrom versorgte elektronische
Vorschaltgeräte für
röhrenförmige Leuchtstofflampen
Anforderungen an die Arbeitsweise
(IEC 925:1989)**

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This European Standard was approved by CENELEC on 1990-06-11. 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

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

FOREWORD

Following the decision taken by CENELEC Technical Committee TC 34Z at its meeting in Brussels in February 1989, the International Standard IEC 925:1989 was submitted to the CENELEC Unique Acceptance Procedure (UAP) in October 1989 for acceptance as a European Standard.

This publication was approved by CENELEC as EN 60925 on 11 June 1990.

The following dates were fixed:

- latest date of publication of
an identical national standard (dop) 1991-09-01
- latest date of withdrawal of
conflicting national standards (dow) 1991-09-01

For products which have complied with the relevant national standard before 1991-09-01, as shown by the manufacturer or by a certification body, this previous standard may continue to apply for production until 1996-09-01.

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Annexes designated "normative" are part of the body of the standard. In this standard, annex ZA is normative.

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ENDORSEMENT NOTICE-1995

The text of the International Standard IEC 925:1989 was approved by CENELEC as a European Standard without any modification.

ANNEX ZA (normative)

OTHER INTERNATIONAL PUBLICATIONS QUOTED IN THIS STANDARD
WITH THE REFERENCES OF THE RELEVANT EUROPEAN PUBLICATIONS

When the international publication has been modified by CENELEC common modifications, indicated by (mod), the relevant EN/HD applies.

<u>IEC</u> <u>Publication</u>	<u>Date</u>	<u>Title</u>	<u>EN/HD</u>	<u>Date</u>
81	1984	Tubular fluorescent lamps for general lighting service	EN 60081*	1989
571	1977	Rules for electronic equipment used on rail vehicles	-	-
921, mod	1988	Ballasts for tubular fluorescent lamps - Performance requirements	EN 60921	1991
924	1988	D.C. supplied electronic ballasts for tubular fluorescent lamps General and safety requirements	EN 60924	1991

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* Also endorses IEC amendments 1:1987 and 2:1988

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NORME
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STANDARD

CEI
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925

Première édition
First edition
1989-03

FLUORESCENČNÉ ŽÁRNIČE · ŽIVČENÉ ANODOVÉ, ALEKT · UMO BREME

Ballasts électroniques alimentés en courant continu pour lampes tubulaires à fluorescence

Prescriptions de performances

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D.C. supplied electronic ballasts for tubular fluorescent lamps

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Performance requirements



Numéro de référence
Reference number
CEI/IEC 925: 1989

D. K. J. 10/11

CONTENTS

	Page
FOREWORD	7
PREFACE	7
 Clause	
 SECTION ONE - GENERAL PERFORMANCE REQUIREMENTS	
1. Scope	11
2. Definitions	11
3. General note on tests	13
4. Marking	13
5. Starting	13
6. Open-circuit voltage at terminations of lamp	15
7. Pre-heating conditions	17
8. Lamp current and luminous flux	19
9. Supply current	19
10. Maximum current in any lead	21
11. Lamp operating current waveform	21
12. Stable operation	21
 <u>SIST EN 60925:1995</u> https://standards.iteh.ai/catalog/standards/sist/904f7c8a-785a-43c1-bfea-1be1ded82afe/sist-en-60925-1995 standards.iteh.ai	
 SECTION TWO - PARTICULAR PERFORMANCE REQUIREMENTS FOR D.C. SUPPLIED ELECTRONIC BALLASTS FOR GENERAL LIGHTING	
13. Scope	21
14. Temperature cycling and endurance tests	23
 SECTION THREE - PARTICULAR PERFORMANCE REQUIREMENTS FOR D.C. SUPPLIED ELECTRONIC BALLASTS FOR PUBLIC TRANSPORT LIGHTING	
15. Scope	23
16. Marking	23
17. Starting test procedure for electronic ballasts with symbol "SP"	23
18. Temperature cycling and endurance tests	25
19. Fuse	25
20. Acoustic noise	25
21. Vibration	25

Clause	Page
SECTION FOUR - PARTICULAR PERFORMANCE REQUIREMENTS FOR D.C. SUPPLIED ELECTRONIC BALLASTS FOR AIRCRAFT LIGHTING	
22. Scope	27
23. Marking	27
24. Temperature cycling and endurance tests	27
25. Fuse	27
26. Vibration	27
APPENDIX A - Tests	29
APPENDIX B - Reference ballasts	33
APPENDIX C - Reference lamps	35
FIGURE	36

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[SIST EN 60925:1995](https://standards.iteh.ai/catalog/standards/sist/904f7c8a-785a-43c1-bfea-1be1ded82afe/sist-en-60925-1995)

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

D.C. SUPPLIED ELECTRONIC BALLASTS
FOR TUBULAR FLUORESCENT LAMPS

Performance requirements

FOREWORD

- 1) The formal decisions or agreements of the IEC on technical matters, prepared by Technical Committees on which all the National Committees having a special interest therein are represented, express, as nearly as possible, an international consensus of opinion on the subjects dealt with.
- 2) They have the form of recommendations for international use and they are accepted by the National Committees in that sense.
- 3) In order to promote international unification, the IEC expresses the wish that all National Committees should adopt the text of the IEC recommendation for their national rules in so far as national conditions will permit. Any divergence between the IEC recommendation and the corresponding national rules should, as far as possible, be clearly indicated in the latter.

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PREFACE

This standard has been prepared by Sub-Committee 34C: Auxiliaries for Discharge Lamps, of IEC Technical Committee No. 34: Lamps and Related Equipment.

The text of this standard is based on the following documents:

Six Months' Rule	Report on Voting
34C(C0)146	34C(C0)157

Full information on the voting for the approval of this standard can be found in the Voting Report indicated in the above table.

In this standard, the following print types are used:

- requirements proper: in roman type;
- *test specifications: in italic type;*
- explanatory matter: in smaller roman type.

The following IEC publications are quoted in this standard:

Publications Nos. 81 (1984): Tubular fluorescent lamps for general lighting service.

571 (1977): Rules for electronic equipment used on rail vehicles.

921 (1988): Ballasts for tubular fluorescent lamps: Performance requirements.

924 (1988): D.C. supplied electronic ballasts for tubular fluorescent lamps - General and safety requirements.

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