



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 60240-1:1994

ICS 25.180.10

**CHARACTERISTICS OF ELECTRIC INFRA-RED  
EMITTERS FOR INDUSTRIAL HEATING.  
PART 1: SHORT WAVE INFRA-RED EMITTERS  
(IEC 240-1:1992)**

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*This Irish Standard was  
published under the  
authority of the National  
Standards Authority of  
Ireland and comes into  
effect on:  
January 27, 1995*

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Údarás um Chaighdeán Náisiúnta na hÉireann



## DECLARATION

OF

SPECIFICATION

ENTITLED

CHARACTERISTICS OF ELECTRIC INFRA-RED EMITTERS FOR INDUSTRIAL HEATING.

PART 1: SHORT WAVE INFRA-RED EMITTERS (IEC 240-1:1992)

AS

THE IRISH STANDARD SPECIFICATION FOR

CHARACTERISTICS OF ELECTRIC INFRA-RED EMITTERS FOR INDUSTRIAL HEATING.

PART 1: SHORT WAVE INFRA-RED EMITTERS (IEC 240-1:1992)

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Forfás in exercise of the power conferred by section 20 (3) of the Industrial Research and Standards Act, 1961 ( No. 20 of 1961 ) and the Industrial Development Act, 1993 (No. 19 of 1993), and with the consent of the Minister for Enterprise and Employment, hereby declares as follows:

1. This instrument may be cited as the Standard Specification (Characteristics of Electric Infra-Red Emitters for Industrial Heating. Part 1: Short Wave Infra-Red Emitters (IEC 240-1:1992)) Declaration, 1994.

2. (1) The Specification set forth in the Schedule to this declaration is hereby declared to be the standard specification for Characteristics of Electric Infra-Red Emitters for Industrial Heating. Part 1: Short Wave Infra-Red Emitters (IEC 240-1:1992). The Schedule comprises the text of EN 60240-1 : 1994.

(2) The said standard specification may be cited as Irish Standard/EN 60240-1:1994 or as I.S./EN 60240-1:1994.



EUROPEAN STANDARD

EN 60240-1

NORME EUROPEENNE

EUROPÄISCHE NORM

June 1994

UDC 697.27:621.365

Descriptors: Infra-red, short-wave infra-red, emitters, infra-red lamp,  
tubular emitters

ENGLISH VERSION

Characteristics of electric infra-red emitters  
for industrial heating  
Part 1: Short wave infra-red emitters  
(IEC 240-1:1992)

Caractéristiques des émetteurs  
électriques d'infrarouge pour  
chauffage industriel  
Partie 1: Emetteurs d'infrarouge  
court  
(CEI 240-1:1992)

Eigenschaften von elektrischen  
Infrarotstrahlen für  
Heizzwecke  
Teil 1: Kurzwellen  
Infrarotstrahler  
(IEC 240-1:1992)

This European Standard was approved by CENELEC on 1994-03-08.  
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

The CENELEC questionnaire procedure, performed for finding out whether or not the International Standard IEC 240-1:1992 could be accepted without textual changes, has shown that no common modifications were necessary for the acceptance as European Standard.

The reference document was submitted to the CENELEC members for formal vote and was approved by CENELEC as EN 60240-1 on 8 March 1994.

The following dates were fixed:

- latest date of publication of an identical national standard (dop) 1995-03-15
- latest date of withdrawal of conflicting national standards (dow) 1995-03-15

For products which have complied with the relevant national standard before 1995-03-15, as shown by the manufacturer or by a certification body, this previous standard may continue to apply for production until 2000-03-15.

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

### ENDORSEMENT NOTICE

The text of the International Standard IEC 240-1:1992 was approved by CENELEC as a European Standard without any modification.

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