



NSAI
Standards

Irish Standard
I.S. EN 2240-001:2009

Aerospace series - Lamps, incandescent - Part 001: Technical specification

I.S. EN 2240-001:2009

Incorporating amendments/corrigenda issued since publication:

<i>This document replaces:</i>	<i>This document is based on:</i> EN 2240-001:2009	<i>Published:</i> 28 October, 2009
This document was published under the authority of the NSAI and comes into effect on: 17 November, 2009		ICS number: 49.060
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I.S. EN 2240-001:2009

EUROPEAN STANDARD

EN 2240-001

NORME EUROPÉENNE

EUROPÄISCHE NORM

October 2009

ICS 49.060

English Version

Aerospace series - Lamps, incandescent - Part 001: Technical specification

Série aérospatiale - Lampes à incandescence - Partie 001 :
Spécification technique

Luft- und Raumfahrt - Glühlampen - Teil 001: Technische
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Contents

Page

Foreword.....	3
1 Scope	4
2 Normative references	4
3 Terms and definitions	4
4 Required characteristics	5
5 Quality assurance	6
6 Designation and marking	9
7 Packaging for delivery	9

Foreword

This document (EN 2240-001:2009) has been prepared by the Aerospace and Defence Industries Association of Europe - Standardization (ASD-STAN).

After enquiries and votes carried out in accordance with the rules of this Association, this Standard has received the approval of the National Associations and the Official Services of the member countries of ASD, prior to its presentation to CEN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by April 2010, and conflicting national standards shall be withdrawn at the latest by April 2010.

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1 Scope

This European Standard specifies the characteristics of incandescent lamps for aerospace applications.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 2240-002, *Aerospace series — Lamps, incandescent — Part 002: Main characteristics*

EN 2282, *Aerospace series — Characteristics of aircraft electrical supplies*

EN 2756, *Aerospace series — Lamps, incandescent — Tests methods*

EN 9133, *Aerospace series — Quality management systems — Qualification procedure for aerospace standard parts*

ISO 2859-1, *Sampling procedures for inspection by attributes — Part 1: Sampling plans indexed by acceptable quality level (AQL) for lot-by-lot inspection*

ISO 3951, *Sampling procedures and charts for inspection by variables for percent nonconforming*

IEC 60061-1, *Lamp caps and holders together with gauges for the control of interchangeability and safety — Part 1: Lamp caps*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply:

3.1

code (of a lamp)

group of figures and/or characters attributed in a specific manner to each type of standardized lamp and used by the whole profession to designate the lamps of the different types concerned

3.2

nominal voltage

voltage (alternating current RMS or direct current) to which the lamp is designed and to which the other nominal values refer

3.3

nominal current

current consumption of lamp at nominal voltage

3.4

nominal power

product of nominal voltage by nominal current

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