

Aerospace series — Lamps, incandescent

**Part 045: Lamp, code 714 — Product
standard**

ICS 49.060

National foreword

This British Standard is the UK implementation of EN 2240-045:2010.

The UK participation in its preparation was entrusted to Technical Committee ACE/6, Aerospace avionic electrical and fibre optic technology.

A list of organizations represented on this committee can be obtained on request to its secretary.

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English Version

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714 - Product standard**

Série aérospatiale - Lampes à incandescence - Partie 045:
Lampe, code 714 - Norme de produit

Luft- und Raumfahrt - Glühlampen - Teil 045: Lampe, Kode
714 - Produktnorm

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Foreword

This document (EN 2240-045:2010) 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.

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1 Scope

This standard specifies the required characteristics for lamp, code 714, for aerospace applications.

It shall be used together with EN 2756.

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 2240-001, *Aerospace series — Lamps, incandescent — Part 001: Technical specification*

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

EN 2241, *Aerospace series — Lamp caps — Dimensions* ¹⁾

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

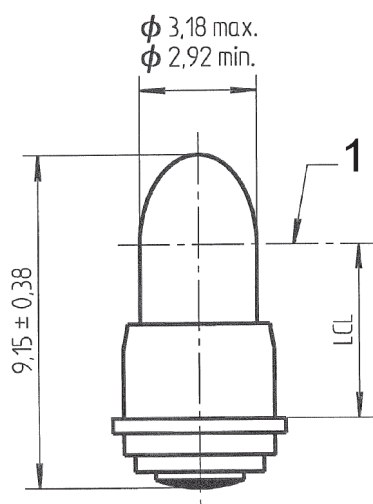
1) Published as ASD-STAN Prestandard at the date of publication of this standard.

3 Required characteristics

3.1 Dimensions and mass

See Figure 1 and Table 1.

Dimensions are given in millimetres.



Key

1 Light centre

Figure 1

Table 1

Bulb appearance			Clear
Nominal voltage		V	5
Nominal current		A	0,075
Nominal power		W	0,375
Nominal luminous flux		lm	1,13
Colour temperature		K	1 930
Life	Static with d.c.	h	4 000
	Dynamic with d.c.	h	2 500
	Static with a.c.	h	–
Reduced voltage		V	–
Luminous flux at reduced voltage		lm	–
Form of filament			C - 2R
Light Centre Length (LCL)			4,8 ± 0,5
Mass (for 1 000)		kg	0,24

3.2 Other characteristics

See Table 1.

3.3 Form of filament

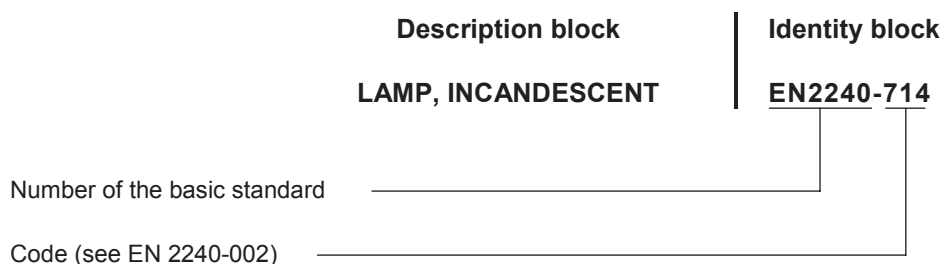
See EN 2240-002.

3.4 Cap

SX4s/4: see EN 2241.

4 Designation

EXAMPLE



NOTE If necessary, the code I9005 shall be placed between the description block and the identity block.

5 Marking

Unless there is not enough space, the lamp and its packaging shall be marked with the international code number such as indicated in EN 2240-002.

6 Technical specification

See EN 2240-001.

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