

Aerospace series — Lamps, incandescent

**Part 018: Lamp, code 307 — Product
standard**

ICS 49.060

National foreword

This British Standard is the UK implementation of EN 2240-018:2010.

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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This British Standard was published under the authority of the Standards Policy and Strategy Committee on 31 March 2010.

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ISBN 978 0 580 69128 7

Amendments/corrigenda issued since publication

Date	Comments

EUROPEAN STANDARD

EN 2240-018

NORME EUROPÉENNE

EUROPÄISCHE NORM

February 2010

ICS 49.060

English Version

**Aerospace series - Lamps, incandescent - Part 018: Lamp, code
307 - Product standard**

Série aérospatiale - Lampes à incandescence - Partie 018:
Lampe, code 307 - Norme de produit

Luft- und Raumfahrt - Glühlampen - Teil 018: Lampe, Kode
307 - Produktnorm

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Ref. No. EN 2240-018:2010: E

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Foreword

This document (EN 2240-018:2010) 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 European Standard specifies the required characteristics for lamp, code 307, 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 — Tests* ¹⁾

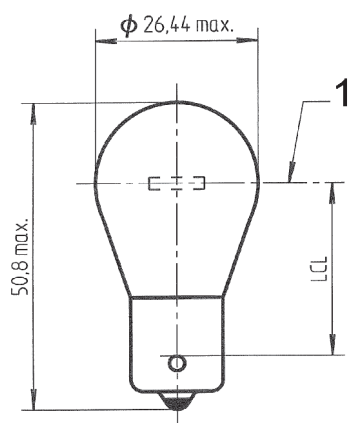
1) Published as ASD-STAN Prestandard at the date of publication of this standard.

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	28
Nominal current		A	$(0,67 \pm 8) \%$
Nominal power		W	18,76
Nominal luminous flux		lm	$(264 \pm 15) \%$
Colour temperature		K	2 740
Life	Static with d.c.	h	200
	Dynamic with d.c.	h	100
	Static with a.c.	h	300
Reduced voltage		V	–
Luminous flux at reduced voltage		lm	–
Form of filament			C - 2V
Light Centre Length (LCL)			$28,6 \pm 1,5$
Mass (for 1 000)		kg	8,5

3.2 Other characteristics

See Table 1.

3.3 Form of filament

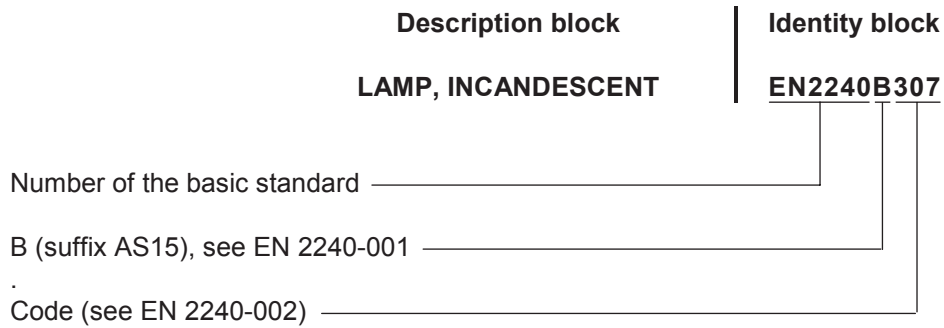
See EN 2240-002.

3.4 Cap

BA15s/19: 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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