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# Luminaires

Part 103. Performance requirements

## Section 103.1 Specification for light distribution from road-lighting lanterns

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Luminaires

Partie 103. Performance exigée

Section 103.1 Spécification de la dispersion de lumière des luminaires d'éclairage des chaussées

Leuchten

Teil 103. Leistungsforderungen

Abschnitt 103.1 Spezifikation für die Lichtverteilung von Leuchten für Straßenbeleuchtung

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Foreword

This British Standard has been prepared under the direction of the Electrical Illumination Standards Committee.

BS 4533 is being revised by adopting IEC Publication 598 : Parts 1 and 2 as BS 4533 : Parts 101 and 102 respectively. As part of this programme, BS 4533 : Section 102.3 is the revision of BS 4533 : Section 2.7 : 1976. However, the revised Section based on the IEC text is concerned only with matters of safety whereas the original Section also included performance requirements. To allow a change-over period following this revision, the old standard will not be withdrawn immediately but will

remain current for up to two years. This Section 103.1 is the first in a new Part 103 titled 'Performance requirements', which may be extended later to include performance requirements for other types of luminaire. It is closely aligned with the performance requirements given in appendix A of BS 4533 : Section 2.7 : 1976 but it also incorporates revised requirements for lanterns for use in the vicinity of aerodromes.

**Certification.** Attention is drawn to the certification facilities described on the inside back cover of this standard.

**Amendment No. 1**  
**published and effective from 30 November 1987**  
**to BS 4533 : Section 103.1 : 1981**

**Luminaires**  
**Part 103. Performance requirements**  
**Section 103.1 Specification for light distribution**  
**from road-lighting lanterns**

## Revised text

**AMD 5718**  
**November 1987**

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### Foreword

Delete the existing text and substitute the following.

'This British Standard has been prepared under the direction of the Electrical Illumination Standards Committee.

BS 4533 has been revised by adopting IEC Publication 598 : Parts 1 and 2 as BS 4533 : Parts 101 and 102 respectively. However, BS 4533 : Section 102.3 being based on the IEC text is concerned only with matters of safety whereas the Section it replaced, BS 4533 : Section 2.7 : 1976, included performance requirements. This Section 103.1 has been produced in order to provide the performance requirements for road-lighting lanterns and specifically those needed for use in conjunction with BS 5489 'Road lighting'.

**Compliance with a British Standard does not of itself confer immunity from legal obligations.'**