

AS 1680.3—1991

Australian Standard<sup>®</sup>

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**Interior lighting**

**Part 3: Measurement, calculation  
and presentation of photometric  
data**

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This Australian Standard was prepared by Committee LG/1, Interior Lighting. It was approved on behalf of the Council of Standards Australia on 28 May 1991 and published on 9 August 1991.

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The following interests are represented on Committee LG/1:

The Association of Consulting Engineers, Australia  
The Australian Chamber of Commerce  
Australian Electrical and Electronic Manufacturers Association  
Australian Optometrical Association  
Building Owners and Managers Association of Australia  
Confederation of Australian Industry  
Department of Administrative Services— Australian Construction Services  
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Illuminating Engineering Societies of Australia  
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Photometric testing laboratories

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## PREFACE

This Standard was prepared by the Standards Australia Committee on Interior Lighting. It forms Part 3 of a series of Standards (the AS 1680 series) which together supersede AS 1680—1976, *Code of practice for interior lighting and the visual environment*.

Photometric data for interior lighting was formerly covered in AS 1190—1972, *Photometric data on luminaires for interior lighting*, which was withdrawn in 1988. The Standard had become out-of-date and in any event a replacement (this Standard) was planned in the AS 1680 series.

This Standard is closely based on BS 5225: Part 1\* in respect of laboratory conditions, procedures and instrumentation for photometric measurements. For the photometry of fluorescent luminaires, the recommendations (as in BS 5225: Part 1: 1975) follow those of CIE Publication No. 24 (1973), *Photometry of indoor type luminaires with tubular fluorescent lamps*. However, this Standard also specifies requirements for the derivation of certain photometric data needed for interior lighting calculations (see Section 8).

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\* BS 5225, *Photometric data for luminaires*, Part 1: 1975 *Photometric measurements*.

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