

AS 1680.3—1991

Australian Standard[®]

Interior lighting

Part 3: Measurement, calculation and presentation of photometric data

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.

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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This Standard was issued in draft form for comment as DR 90102.

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<p>First published as AS 1190—1972. Withdrawn 1988. Revised and redesignated AS 1680.3—1991.</p>
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PUBLISHED BY STANDARDS AUSTRALIA
(STANDARDS ASSOCIATION OF AUSTRALIA)
1 THE CRESCENT, HOMEBUSH, NSW 2140

ISBN 0 7262 6987 5

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lighting was formerly covered in AS 1190—1972, *Photometric data on luminaires for interior lighting*, which was withdrawn in 1988. The Standard had become out-of-date and in any event a replacement (this Standard) was planned in the AS 1680 series.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

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

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