

Australian Standard[®]

Sports lighting

**Part 2.8: Specific applications—
Outdoor bowling greens**



This Australian Standard® was prepared by Committee LG-009, Sports Lighting. It was approved on behalf of the Council of Standards Australia on 26 October 2007. This Standard was published on 7 December 2007.

The following are represented on Committee LG-009:

- Association of Consulting Engineers Australia
 - Australian Electrical and Electronic Manufacturers Association
 - Confederation of Australian Sport
 - Department of Local Government, Planning, Sport and Recreation, Qld
 - Energy Networks Association
 - IES: The Lighting Society
 - Parks and Leisure Australia
 - Sport and Recreation Victoria
 - Sport Industry Australia
 - Tennis Australia
 - Tennis Coaches Australia
 - Tennis Court and Sports Field Builders Association of Australia
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This Standard was issued in draft form for comment as DR 07058.

Standards Australia wishes to acknowledge the participation of the expert individuals that contributed to the development of this Standard through their representation on the Committee and through the public comment period.

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STANDARDS AUSTRALIA

RECONFIRMATION

OF

AS 2560.2.8—2007

Sports lighting

Part 2.8: Specific applications—Outdoor bowling greens

RECONFIRMATION NOTICE

Technical Committee LG-009 has reviewed the content of this publication and in accordance with Standards Australia procedures for reconfirmation, it has been determined that the publication is still valid and does not require change.

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Approved for reconfirmation in accordance with Standards Australia procedures for reconfirmation on 16 June 2017.

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Lighting Council Australia
Office for Recreation and Sport (SA)
Parks and Leisure Australia
Sports And Play Industry Association
Sports and Recreation Victoria
Tennis Australia

NOTES

Australian Standard[®]

Sports lighting

**Part 2.8: Specific applications—
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PREFACE

This Standard was prepared by the Standards Australia Committee LG-009, Sports Lighting, to supersede AS 2560.2.8—1994, Sports lighting, Part 2.8: Specific applications—Bowling greens.

This Standard incorporates Amendment No. 1 (March 2008). The changes required by the Amendment are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure or part thereof affected.

When revision of the AS 2560 series of Standards is completed, it will consist of the following:

AS

- 2560 Sports lighting
- 2560.1 Part 1: General principles
- 2560.2.1 Part 2.1 Specific applications—Lighting for outdoor tennis
- 2560.2.2 Part 2.2 Specific applications—Lighting of multipurpose indoor sports centres
- 2560.2.3 Part 2.3 Specific applications—Lighting for football (all codes)
- 2560.2.4 Part 2.4 Specific applications—Lighting for outdoor netball and basketball
- 2560.2.5 Part 2.5 Specific applications—Swimming pools
- 2560.2.6 Part 2.6 Specific applications—Baseball and softball
- 2560.2.7 Part 2.7 Specific applications—Outdoor hockey
- 2560.2.8 Part 2.8 Specific applications—Outdoor bowling greens (this Standard)

NOTE: Until the revision of this series is complete some of the above Standards might have, as a main title, 'Guide to sports lighting'.

The proper application of this Standard will require reference to AS 2560.1 for the definitions of various technical parameters and the explanation of basic concepts and principles.

The term 'informative' has been used in this Standard to define the application of the appendix to which it applies. An 'informative' appendix is only for information and guidance.

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STANDARDS AUSTRALIA

Australian Standard Sports lighting

Part 2.8: Specific applications—Outdoor bowling greens

1 SCOPE

This Standard contains recommendations and requirements (the requirements refer to methods of assessment and measurement and levels of performance) specific to the lighting of lawn bowls where played outdoors.

Recommendations which are appropriate for indoor bowls and covered outdoor bowling greens are provided in AS 2560.2.2.

This Standard deals with training and competition levels of play, and takes into account spectator viewing requirements associated with these levels of play.

The Standard does not address the amenity and emergency lighting which may be required in public areas associated with stadiums.

Additional recommendations and requirements applicable to all sports venues, including those for football, are contained in AS 2560.1.

The Standard does not detail the special requirements of lighting for television broadcasting.

This Standard makes recommendations, but does not set requirements, regarding obtrusive light released into the environment from sports lighting installations (see Clause 10).

2 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS

2560	Sports lighting
2560.1	Part 1 General principles
2560.2.2	Part 2.2 Lighting of multipurpose indoor sports centres
4282	Control of the obtrusive effects of outdoor lighting

AS/NZS

3827 (all parts)	Lighting system performance—Accuracies and tolerances
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CIE*

112	Glare evaluation system for use within outdoor sports and area lighting
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3 DEFINITIONS

For the purpose of this Standard, the definitions given in AS 2560.1 as qualified below for the specific instances of bowling greens areas apply. Some critical definitions are also repeated in this Standard.

* International Commission of Illumination, Vienna