

Australian Standard[®]

Sports lighting

**Part 2.3: Specific applications—
Lighting for football (all codes)**

STANDARDS
Australia



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
-

This Standard was issued in draft form for comment as DR 7056.

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 2560.2.3—2007

Sports lighting

Part 2.3: Specific applications—Lighting for football (all codes)

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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Sports Apparel Industry Association
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NOTES

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PREFACE

This Standard was prepared by the Standards Australia Committee LG-009, Sports Lighting, to supersede AS 2560.2.3—2002, *Sports lighting, Part 2.3: Specific applications—Lighting for football (all codes)*.

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) (this Standard) |
| 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 |

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.

In the preparation of this Standard consideration was given to the following documents:

CIE Publication No. 57 (1983), *Lighting for football*, International Commission on Illumination (CIE).

IES Lighting Guide—Sports, Publication No. 7 (1974), The Illuminating Engineering Society, London.

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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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 outdoor football grounds for all codes commonly played in Australia, namely—

- (a) Rugby League;
- (b) Rugby Union;
- (c) Australian Rules; and
- (d) Soccer

and for derivatives of Rugby including touch football and ‘touch and tag’.

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 special requirements of lighting for colour television broadcasting.

This Standard makes recommendations, but does not set requirements, for 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 |
| 4282 | Control of the obtrusive effects of outdoor lighting |
| AS/NZS | |
| 3823 (all parts) | Lighting system performance—Accuracies and tolerances |
| CIE* | |
| 112 | Glare evaluation system for use within outdoor sports and area lighting |

* International Commission on Illumination, Vienna