

Australian/New Zealand Standard™

Luminaires

**Part 2.5: Particular requirements—
Floodlights
(IEC 60598.2.5:1998, MOD)**



Standards Australia



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AS/NZS 60598.2.5:2002

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Association of Consulting Engineers, Australia
Australian Chamber of Commerce and Industry
Australian Electrical and Electronic Manufacturers Association
Electrical compliance Testing Association of Australia
Energy Efficiency and Conservation Authority of New Zealand
Illuminating Engineering Society of Australia and New Zealand
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Australian/New Zealand Standard™

Luminaires

Part 2.5: Particular requirements— Floodlights (IEC 60598.2.5:1998, MOD)

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PREFACE

This Standard was prepared by Standards Australia/Standards New Zealand Committee, EL-041 Lamps and Related Equipment.

The objective of this Standard is to provide the industry, consumer and regulators with electrical safety requirements for floodlights.

This Standard is reproduced from IEC 60598-2-5:1998, *Luminaires, Part 2: Particular requirements—Section 5: Floodlights* and has been varied to suit AS/NZS conditions.

While this document is reproduced from IEC 60598-2-5 there are Australian/New Zealand variations in AS/NZS 60598.1:2001 to which this Standard refers for the majority of its requirements. Thus an item complying with IEC 60598-2-5 may not comply with AS/NZS 60598.2.5.

Australian/New Zealand variations to IEC 60598-2-5:1998 are indicated at the appropriate places throughout this Standard. Strikethrough (~~example~~) identifies IEC tables, figures and passages of text which, for the purposes of this Australian/New Zealand Standard, are deleted. Where Australian/New Zealand tables, figures or passages of text are added, each is set in its proper place and identified by shading (~~example~~). Added figures are not themselves shaded, but are identified by a shaded border.

A reference to an International Standard identified in the *Normative Reference Clause* by ~~strikeout~~ (~~example~~) is replaced by a reference to the Australian/New Zealand Standard(s) listed immediately thereafter and identified by shading (~~example~~). Where the struck-through referenced document and the referenced Australian or Australian/New Zealand Standard are identical, this is indicated in parenthesis after the title of the latter.

As this Standard is reproduced from an International Standard, the following applies:

- (a) Its number does not appear on each page of text and its identity is shown only on the cover and title page.
- (b) In the source text 'this International Standard' should read 'this Standards Australia/Standards New Zealand Standard'.
- (c) A full point should be substituted for a comma when referring to a decimal marker.

In this Standard, the following print types are used:

- requirements proper: in arial type;
- *test specifications: in italic type;*
- explanatory matter: in smaller arial type.

CONTENTS

	<i>Page</i>
Clause	
5.1 Scope	1
5.2 General test requirements	1
5.3 Definitions	1
5.4 Classification of luminaires	2
5.5 Marking	2
5.6 Construction	2
5.7 Creepage distances and clearances	4
5.8 Provision for earthing.....	4
5.9 Terminals.....	4
5.10 External and internal wiring.....	4
5.11 Protection against electric shock.....	4
5.12 Endurance tests and thermal tests.....	4
5.13 Resistance to dust and moisture	4
5.14 Insulation resistance and electric strength	4
5.15 Resistance to heat, fire and tracking.....	4
Figure 1 - Counting particles at the edge of the square	5

NOTES

Standards Australia/Standards New Zealand

Australian/New Zealand Standard**Luminaires****Part 2.5: Particular requirements—Floodlights
(IEC 60598.2.5:1998, MOD)**

Any IEC table, figure or passage of text that is struck-through is not part of this Standard. Any Australian/New Zealand table, figure or passage of text that is added (and identified by shading) is part of this Standard.

5.1 Scope

This part of ~~IEC 60598-1~~ AS/NZS 60598.1 specifies requirements for floodlights for use with tungsten filament, tubular fluorescent and other discharge lamps on supply voltages not exceeding 1 000 V. It is to be read in conjunction with those sections of ~~IEC 60598-1~~ AS/NZS 60598.1 to which reference is made.

5.1.1 Normative references

The following normative documents contains provisions which, through reference in this text, constitute provisions of this section of ~~IEC 60598-2~~ AS/NZS 60598.2. At the time of publication, the editions indicated were valid. All normative documents are subject to revision, and parties to agreements based on this section of IEC ~~IEC 60598-2~~ AS/NZS 60598.2 are encouraged to investigate the possibility of applying the most recent editions of the normative document indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

~~IEC 60598-1 Luminaires, Part 1: General requirements and tests~~

AS/NZS 60598.1, *Luminaires, Part 1: General requirements and tests*

5.2 General test requirements

The provisions of section 0 of ~~IEC 60598-1~~ AS/NZS 60598.1 apply. The tests described in each appropriate section of ~~IEC 60598-1~~ AS/NZS 60598.1 shall be carried out in the order listed in this part.

5.3 Definitions

For the purposes of this part of ~~IEC 60598-1~~ AS/NZS 60598.1, the definitions of section 0 of ~~IEC 60598-1~~ AS/NZS 60598.1 apply together with the following definitions:

5.3.1 Floodlighting

Lighting by projection of the whole of a scene or subject to an illuminance significantly greater than that of its surroundings

NOTE – The difference in illumination between the subject and its surroundings may, alternatively, be achieved by colour.

5.3.2 Floodlight

Luminaire for floodlighting

NOTE – A floodlight may be for either exterior or interior use or for both.