

AS/NZS 60598.2.22:2005

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Australian/New Zealand Standard™

Luminaires

**Part 2.22: Particular requirements—
Luminaires for emergency lighting (IEC
60598-2-22, Ed. 3.1(2002) MOD)**



AS/NZS 60598.2.22:2005

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee EL-041, Lamps and Related Equipment. It was approved on behalf of the Council of Standards Australia on 27 October 2005 and on behalf of the Council of Standards New Zealand on 4 November 2005.

This Standard was published on 14 December 2005.

The following are represented on Committee EL-041:

Association of Consulting Engineers, Australia
Australian Chamber of Commerce and Industry
Australian Electrical and Electronic Manufacturers Association
Consumer Federation of Australia
Electrical Compliance Testing Association of Australia
Electrical Regulatory authorities council (Australia)
Energy Efficiency and Conservation Authority of New Zealand
Illuminating Engineering Society of Australia and New Zealand
International Accreditation of NZ (IANZ)
Ministry of Economic Development, New Zealand

Additional Interests:

LG-007 Committee

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We also welcome suggestions for improvement in our Standards, and especially encourage readers to notify us immediately of any apparent inaccuracies or ambiguities. Please address your comments to the Chief Executive of either Standards Australia or Standards New Zealand at the address shown on the back cover.

This Standard was issued in draft form for comment as DR 04473.

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL-041, Lamps and Related Equipment in liaison with Committee LG-007, Emergency Lighting in Buildings.

The objective of this part of the Standard is to specify particular requirements for emergency lighting luminaires for use on emergency power supplies up to 1000 V.

With the publication of this Standard, it is also proposed that LG-007 revise the related parts of AS 2293 Standards for consistency with this proposed Standard.

This Standard is an adoption with national modifications and has been reproduced from IEC 60598-2-22, Ed. 3.1(2002), *Luminaires – Part 2-22: Particular requirements—Luminaires for emergency lighting*, and has been varied as indicated to take account of Australian/New Zealand conditions.

Variations to IEC 60598-2-22, Ed.3.1(2002) are indicated at the appropriate places throughout this standard. Strikethrough (**example**) identifies IEC text, tables and figures which, for the purposes of this Australian/New Zealand Standard, are deleted. Where text, tables or figures 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.

This Standard is a section of Part 2 of a series dealing with luminaires. Currently this series consists of the following Parts; additional Parts will be added from time to time:

AS/NZS 60598 Luminaries

- Part 1: General requirements and tests
- Part 2.1: Particular requirements—Fixed general purpose luminaires
- Part 2.2 Particular requirements—Recessed luminaires
- Part 2.4: Particular requirements—Portable general purpose luminaires
- Part 2.5: Particular requirements—Floodlights
- Part 2.6: Particular requirements—Luminaires with built-in transformers or
convertors for filament lamps
- Part 2.7: Particular requirements—Portable luminaires for garden use
- Part 2.8: Particular requirements—Handlamps
- Part 2.10: Particular requirements—Portable child-appealing luminaires
- Part 2.18: Particular requirements—Luminaires for swimming pools and similar
applications
- Part 2.19: Particular requirements—Airhandling luminaires (safety requirements)
- Part 2.20: Particular requirements—Lighting chains
- Part 2.22: Particular requirements—Luminaires for emergency lighting (this
Standard).
- Part 2.23 Particular requirements—Extra low voltage lighting systems for filament
lamps
- Part 2.25: Particular requirements—Luminaires for use in clinical areas of hospitals
and health care buildings.

Each Standard in Part 2 is intended to be read in conjunction with Part 1 in order to provide a complete Standard for that specific type of luminaire. Where a particular Clause of Part 1 is not mentioned in Part 2, that Clause applies as far as is reasonable.

The terms ‘normative’ and ‘informative’ are used to define the application of the annex to which they apply. A normative annex is an integral part of a standard, whereas an informative annex is only for information and guidance.

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 ‘IEC 60598’ should read ‘AS/NZS 60598’.
- (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.

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