

# 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.

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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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*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.