

Australian/New Zealand Standard™

Luminaires

Part 2.19: Particular requirements— Air-handling luminaires (safety requirements) (IEC 60598.2.19:1981, MOD)



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AS/NZS 60598.2.19:2001

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 17 September 2001 and on behalf of the Council of Standards New Zealand on 12 October 2001. It was published on 29 November 2001.

The following interests are represented on Committee EL-041:

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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This Standard was issued in draft form for comment as DR 01104.

STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

RECONFIRMATION

OF

AS/NZS 60598.2.19:2001

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**Part 2.19: Particular requirements—Air handling luminaires (Safety requirements)
(IEC 60598.2.19:1981-MOD)**

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Technical Committee EL-041 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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NOTES

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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 manufacturers, users and regulators with electrical safety requirements for air-handling luminaires.

This Standard is reproduced from IEC 60598-2-19:1981, *Luminaires, Part 2: Particular requirements—Section 19: Air-handling luminaires (safety requirements)*, and has been varied as indicated to suit Australian/New Zealand conditions. This Standard also includes the IEC Amendment 1 and Amendment 2 which are identified by numbered marginal bars to the right of the affected text.

While this document is reproduced from IEC 60598-2-19, there are Australian and 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 60598-2-19 may not comply with AS/NZS 60598.2.19:2001.

Variations to IEC 60598-2-19:1981 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 Australian/New Zealand text, tables or figures are added, each is set in its proper place and identified by shading (example).

This Standard is a section of Part 2 of a series dealing with luminaires. It is part of a series which, when complete, will consist of the following:

AS/NZS 60598 Luminaires

- Part 1: General requirements and tests
- Part 2.1: Particular requirements—Fixed general purpose luminaires
- Part 2.2: Particular requirements—Recessed luminaires
- Part 2.3: Particular requirements—Luminaires for road and street lighting
- 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 2.8: 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) (this Standard)
- Part 2.20: Particular requirements—Lighting chains
- 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 used 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.

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’.

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