

Australian/New Zealand Standard™

Interior and workplace lighting

Part 2.5: Hospital and medical tasks



AS/NZS 1680.2.5:2018

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The following are represented on Committee LG-001:

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CIE Australia
Energy Efficiency and Conservation Authority of New Zealand
Engineers Australia
IES: The Lighting Society
Lighting Council Australia
Lighting Council New Zealand
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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee LG-001, Interior and workplace lighting, to supersede AS/NZS 1680.2.5:1997.

This Standard is issued as a joint Australian/New Zealand Standard to form part of the AS/NZS 1680.2 series.

The objective of this Standard is to set out recommendations aimed at the provision of a visual environment conducive to the safe and efficient performance of tasks associated with hospitals and medical premises. It is intended to be read in conjunction with the general recommendations of AS/NZS 1680.1 and with other specific recommendations in the AS/NZS 1680.2 series which may apply depending on the function of the interior space or the specific visual tasks involved.

This Standard parallels the structure of AS/NZS 1680.1 and contains recommendations that either add to or amend the recommendations of that Standard. While the sections of this Standard correspond with those of AS/NZS 1680.1, the clauses within each section are numbered consecutively and do not directly relate to the clauses in AS/NZS 1680.1.

Changes from the previous edition are as follows:

- (a) Appendix F, Table F1 format has changed to reflect the working area rather than a specific activity as the primary classification.
- (b) Glare recommendations for specific tasks have been amended.
- (c) Recommendations for tasks requiring clinical observation lighting have been amended.

The terms 'normative' and 'informative' are used in a Standard to define the application of the appendices or annexes to which they apply. A 'normative' appendix or annex is an integral part of a Standard, whereas an 'informative' appendix or annex is only for information and guidance.

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SECTION 1 SCOPE AND GENERAL

1.1 SCOPE

This Standard sets out lighting recommendations for a variety of tasks carried out within hospitals and medical premises, particularly tasks associated with clinical observation, treatment and care. The recommendations also apply to related tasks, such as the visual examination of biological solutions and pathology specimens, in medical laboratories.

1.2 APPLICATION

A lighting system should conform with the general recommendations of AS/NZS 1680.1 and the applicable recommendations of this and other appropriate Standards in the AS/NZS 1680.2 series.

If any recommendation in this Standard differs from the general recommendations of AS/NZS 1680.1, the recommendation in this Standard should prevail.

1.3 REFERENCED DOCUMENTS

The following documents are referred to in this Standard (see also Appendix A).

NOTE: Documents referenced for informative purposes are listed in the Bibliography in Appendix E.

AS/NZS

- | | |
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| 1680 | Interior and workplace lighting |
| 1680.1 | Part 1: General principles and recommendations |
| 1680.2.1 | Part 2.1: Specific applications—Circulation spaces and other general areas |
| 1680.2.2 | Part 2.2: Specific applications—Office and screen-based tasks |

AS/NZS IEC

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|-------|--|
| 62471 | Photobiological safety of lamps and lamp systems |
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IEC

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|-----------|---|
| 60050 | International electrotechnical vocabulary |
| 60050-845 | Chapter 845: Lighting |

CIE

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| Publication 15.2 | Colorimetry, 3 rd Edition, 2004 |
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