

Australian/New Zealand Standard™

**Photobiological safety of lamps and
lamp systems**

**Part 2: Guidance on manufacturing
requirements relating to non-laser
optical radiation safety**



AS/NZS IEC 62471.2:2012

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee SF-019, Personal Protection Against Laser Radiation. It was approved on behalf of the Council of Standards Australia on 16 February 2012 and on behalf of the Council of Standards New Zealand on 16 February 2012. This Standard was published on 12 March 2012.

The following are represented on Committee SF-019:

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Australian Dental Association
Defence Materiel Organisation, Australia
Defence Science and Technology Organisation
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AS/NZS IEC 62471.2:2012

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee SF-019, Personal Protection Against Laser Radiation.

The objectives of this Standard are as follows:

- (a) To provide, in the context of risk group classifications defined in AS/NZS IEC 62471:2011, the basis for optical radiation safety requirements of non-laser products, serving as a guide for development of safety requirements in vertical product standards and assisting lamp system manufacturers in the interpretation of safety information provided by the lamp manufacturers.
- (b) To provide guidance on the requirements for optical radiation safety assessment, the allocation of safety measures and the labelling of products.
- (c) To ensure the hazards associated with lamps and lamps systems are adequately managed by provision of examples of safety requirements based on the assigned risk group of a product including the use of labels and instructions to provide necessary safety information.

This Standard is identical with, and has been reproduced from, IEC/TR 62471-2, Ed. 1.0 (2009), *Photobiological safety of lamps and lamp systems— Part 2: Guidance on manufacturing requirements relating to non-laser optical radiation safety*.

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<i>Reference to International Standard</i>		<i>Australian/New Zealand Standard</i>	
IEC		AS/NZS IEC	
62471	Photobiological safety of lamps and lamp systems	62471	Photobiological safety of lamps and lamp systems
60825	Safety of laser products	60825	Safety of laser products
		AS	
60417	Graphical symbols for use on equipment	60417	Graphical symbols for use on equipment

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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.

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