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Indoor Lighting Standards



Indoor Workplace Lighting Standards facilitate efficiency and prime performance in the work place through multifaceted analysis and guidance regarding proper indoor lighting techniques. By acknowledging and incorporating the psychological needs of the worker, economics and energy considerations, as well as ergonomic design principles, these standards strive to outline optimal methodologies for installation and operation of indoor lighting. Recommendations for the maximization of visual comfort afforded by the conjunction of artificial and day lighting are applied to specific office settings such as circulation spaces, office desks, and screen-based tasks.

[◀ Workplace Lighting Standards home](#)

ANSI/IESNA RP-1-12

Office Lighting

ISO 8995-1:2002

Lighting of work places - Part 1: Indoor

BS 8206-2:2008

Lighting for buildings. Code of practice for daylighting (British Standard)

ES/NALMCO RP-36-15

IES/NALMCO Recommended Practice for Lighting Maintenance (RP-36-15)

This Recommended Practice examines common lighting maintenance procedures and the central components of an effective planned maintenance program. Specifically, it describes: typical lighting system behavior; identifying those light loss factors that can be addressed by maintenance; maintenance approaches that can optimize lighting system performance; ways in which designers should address maintenance; typical maintenance techniques, equipment and operations; proper disposal of spent components; and troubleshooting system problems. Lighting designers and specifiers can use this Recommended Practice to design lighting systems that will be easy to maintain and optimize energy efficiency and maintenance based on good maintenance practices and careful product selection. They will also be able to recommend good maintenance practices. Facility owners and managers can use it to develop a maintenance plan and properly maintain their lighting systems to ensure their investment in light performs in accordance with requirements far into the future. Other electrical and lighting professionals can use the Recommended Practice in the roles they play in recommending, specifying, installing, commissioning and maintaining lighting systems.

BS EN 12464-1:2011

Light and lighting. Lighting of work places. Indoor work places (British Standard)

This European Standard specifies lighting requirements for humans in indoor work places, which meet the needs for visual comfort and performance of people having normal ophthalmic (visual) capacity. All usual visual tasks are considered, including Display Screen Equipment (DSE). This European Standard specifies requirements for lighting solutions for most indoor work places and their associated areas in terms of quantity and quality of illumination. In addition recommendations are given for good lighting practice. This European Standard does not specify lighting requirements with respect to the safety and health of people at work and has not been prepared in the field of application of Article 153 of the EC treaty, although the lighting requirements, as specified in this European Standard, usually fulfil safety needs. Lighting requirements with respect to the safety and health of workers at work can be contained in Directives based on Article 153 of the EC treaty, in national legislation of member states implementing these directives or in other national legislation of member states. This European Standard neither provides specific solutions, nor restricts the designers' freedom from exploring new techniques nor restricts the use of innovative equipment. The illumination

can be provided by daylight, artificial lighting or a combination of both. This European Standard is not applicable for the lighting of outdoor work places and underground mining or emergency lighting. For outdoor work places, see EN 12464-2 and for emergency lighting, see EN 1838 and EN 13032-3.

This standard is also available from: [DIN](#) / [ON](#) / [SS](#)

[AS/NZS 1680.0:2009](#)

Interior lighting - Safe movement (FOREIGN STANDARD)

Sets out the minimum requirements for electric lighting systems within publicly accessible areas of buildings to provide visual conditions that facilitate the safe movement of people in the normal use of the building.

[AS/NZS 1680.1:2006](#)

Interior and workplace lighting - General principles and recommendations (FOREIGN STANDARD)

Provides general principles and recommendations for the lighting of building interiors to enhance the performance and comfort of those performing visual tasks. Deals with illuminating essential task details, using both artificial light and daylight, while controlling or excluding factors that might cause visual discomfort.

[AS/NZS 1680.2.1:2008](#)

Interior and workplace lighting - Specific applications - Circulation spaces and other general areas (FOREIGN STANDARD)

This Standard sets out recommendations for the lighting of circulation spaces and other areas which commonly occur in buildings of various types. It contains material that adds to or amends the recommendations in AS/NZS 1680.1:2006 and is intended to be read in conjunction with that Standard and with any applicable specific recommendations in other Standards in the AS/NZS 1680 series. The use of this Standard without reference to AS/NZS 1680.1:2006 is a misapplication of the Standard.

[AS/NZS 1680.2.2:2008](#)

Interior and workplace lighting - Specific applications - Office and screen-based tasks (FOREIGN STANDARD)

Sets out recommendations for the lighting of offices and similar tasks, including screen-based tasks. While the tasks may be commonly performed in interiors called offices, they may also be performed in other interiors; for example, reading, writing and screen-based tasks frequently occur in most types of interior workplaces.

[AS/NZS 1680.2.3:2008](#)

Interior and workplace lighting - Specific applications - Educational and training facilities (FOREIGN STANDARD)

Sets out recommendations for the creation of good seeing conditions in educational and training facilities by means of appropriate lighting and interior colour treatment. To be read in conjunction with AS/NZS 1680.1:2006 and with any applicable specific recommendations in other Standards in the AS/NZS 1680.2 series.

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