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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB 7000.225-2008

Replacing GB 7000.16-2000

**Luminaires -- Part 2-25: Particular requirements -- Luminaires
used in clinical areas of hospitals and health care buildings
(English Translation)**

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Foreword

All technical contents of this section is mandatory.

GB 7000 series of standards existing section 22, the publication date of this section, published GB 7000 series of standards are as follows.

GB 7000.1-2007 lamps - Part 1. General Requirements and Test

GB 7000.2-2008 lamps - Part 2-22. Particular requirements for emergency lighting

GB 7000.4-2007 lamps Part 2-10. Particular requirements for children luminaires

GB 7000.5-2005 road and street lighting safety requirements

GB 7000.6-2008 lamps - Part 2-6. Particular requirements with a built-in transformer or converter tungsten lamp

GB 7000.7-2005 safety requirements Floodlights

GB 7000.9-2008 lamps Part 2-20. Particular requirements for light string

GB 7000.17-2003 safety requirements limit the surface temperature of the lamp

GB 7000.18-2003 filament lamps extra low voltage lighting system security requirements

GB 7000.19-2005 photo and film (non-professional use) Safety requirements for lighting

GB 7000.201-2008 lamps - Part 2-1. Particular requirements for fixed general purpose luminaires

GB 7000.202-2008 Luminaires - Part 2-2. Particular requirements Recessed Lighting

GB 7000.204-2008 lamps - Part 2-4. Particular requirements for portable general purpose luminaires

GB 7000.207-2008 lamps - Part 2-7. Particular requirements for garden use luminaires

7000.208-2008 lamps - Part 2-8 GB . Particular requirements handlamps

GB 7000.211-2008 lamps Part 2-11. Particular requirements for the aquarium lamp

GB 7000.212-2008 lamps - Part 2-12. Particular requirements for the power outlet mounted nightlight

GB 7000.213-2008 Luminaires - Part 2-13. Particular requirements for ground recessed light fixtures

GB 7000.217-2008 lamps Part 2-17. Particular requirements for stage lighting, television, film and photographic studios (indoor and outdoor)

Lighting

GB 7000.218-2008 Luminaires - Part 2-18. Particular requirements for swimming pools and similar lighting

GB 7000.219-2008 lamps - Part 2-19. Particular requirements for ventilated luminaires

GB 7000.225-2008 Luminaires - Part 2-25. Particular requirements for the building of hospitals and rehabilitation clinics lamp

This section GB 7000 "lamps" section 2-25, this section should be used with GB 7000.1.

This section identical with IEC 60598-2-25.1994 "Luminaires - Part 2. Particular requirements Chapter 25. Building hospitals and rehabilitation clinics

The lamp "(including amendments 1 (2004), in English).

For ease of use, this section following editorial changes made.

--- When writing this section, by deleting the reference standard GB 7000.1 equivalent IEC 60598-1 uses the year number "1992."

This section instead of GB 7000.16-2000 "hospital and rehabilitation clinic building lighting safety requirements."

This portion of 7000.16-2000 GB main differences.

--- "present standard" to "this section";

--- Standard name changed to "Luminaires - Part 2-25. Particular requirements for the building of hospitals and rehabilitation clinics lamp"; by the standard number

GB 7000.16 replaced GB 7000.225.

--- "dielectric strength" to "electric strength";

--- "Tracking Resistance" to "anti-tracking."

This section was proposed by China Light Industry Federation.

GB 7000.225-2008/IEC 60598-2-25.1994

This part of the lamp lighting of the National Standardization Technical Committee of Standardization Technical Committee.

This section was drafted. National Lighting Fitting Quality Supervision and Inspection Center, the National Electric Light Source Quality Supervision and Inspection Center

(Shanghai), Shanghai era

Lighting Appliance Testing Co., NVC Lighting Technology Co., Ltd.

1.1 Scope

GB This section 7000 provides for medical treatment carried out in the clinic, examination and medical care in hospitals and health care buildings

Security requirements lamps, tungsten filament lamps, fluorescent and other gas discharge lamp as a light source, the power source voltage does not exceed 1000V.

This does not apply in GB 9706.1 Medical electrical equipment comprising a light source and a prescribed in IEC 60601-2-41.

Note 1: Medical electrical equipment may include GB 9706.1 standard and IEC 60601-2-41 to cover medical examination for the purpose of lighting.

This does not apply to emergency lighting and general lighting fixtures in a non-medical area (e.g. office) a.

Note 2: For these lamps, should refer to the relevant national standard lamps.

This does not apply to the autoclaving step by lamp or lamp fixture member and the operating table with.

1.2 Normative References

Terms of the following documents constitute provisions of this section by reference in this 7000 GB . For dated references,

Its all subsequent amendments (excluding corrections) or revisions do not apply to this section, however, encouraged to agreements based on

Whether the parties to use the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

GB 7000.1 lamps - Part 1. General requirements and tests (GB 7000.1-2007, IEC 60598-1:2003, IDT)

GB 9706.1 Medical Electrical Equipment Part 1. General requirements for safety (GB 9706.1-2007, IEC 60601-1:1988+

A1:1991 + A2:1995, IDT)

IEC 60601-2-41 Medical electrical equipment Part 2-41. surgical and diagnostic lamp lighting special safety requirements

2 General test requirements

Application of GB 7000.1 Chapter 0. A predetermined sequence of tests should be carried out in GB 7000.1 order of chapters is present, in which

Under condition, you may have to refer to other sections of GB 7000.1. In addition to the requirements of this test, the lamp is characterized in other standards

Covered (for example, built-in transformers recessed lighting), should comply with the relevant lighting standards related provisions.

3 Terms and Definitions

Application GB 7000.1 Chapter 1 and the following terms and definitions.

3.1

Placing one or more regions of a patient bed.

Note: there is a ward-bed zone or area, such as a nurse positions, Utility room and washrooms.

3.2

And a translucent cover so that the main components constituting the dust and other objects into the minimum lamp.

3.3

General-purpose lamps used in a patient area.

Note: It may be surface mounted (ceiling or wall), suspended or flush-mounted.

GB 7000.225-2008/IEC 60598-2-25.1994

3.4

Special lamps can be operated by the patient.

Note 1: It can be surface-mounted and with an adjustable arm.

Note 2: This should not be seen as general lighting lamps or handheld inspection observation lamp.

3.5

Lamps provided in low-light night-bed zone and adjacent areas.

3.6

Area-bed systems with other services, such as electrical outlets, medical gas connector, telephone jack, a radio, a lamp or light control means.

3.7