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Traditional Chinese medicine — Computerized tongue image analysis system —

Part 2: Light environment

Médecine traditionnelle chinoise — Système d'analyse d'images numérisées de la langue —

Partie 2: Environnement lumineux

Reference number
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Foreword

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A list of all the parts in the ISO 20498 series can be found on the ISO website.

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Traditional Chinese medicine — Computerized tongue image analysis system —

Part 2: Light environment

1 Scope

This document specifies the light environment necessary for the functioning of a computerized tongue image analysis system (CTIS).

This document does not include the electrical safety and biocompatibility of the lighting component.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

CIE 013.3-1995, *Method of measuring and specifying colour rendering properties of light sources*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

— IEC Electropedia: available at http://www.electropedia.org/

— ISO Online browsing platform: available at http://www.iso.org/obp

3.1
effective surface area
surface on which the patient rests according to the intended position

Note 1 to entry: The area can be specified in the accompanying documents.

3.2
light environment
optical conditions on effective surface area

Note 1 to entry: This includes illuminance, colour temperature, colour rendering index, illumination distribution, irradiance and ultraviolet irradiance.

4 Technical requirements

4.1 Illuminance

Illuminance should be between 500 lx and 13 000 lx.

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