

Characteristics of electro-optical X-ray image intensifiers for medical electrical equipment —

Part 3: Determination of the luminance distribution and luminance non-uniformity

The European Standard EN 61262-3:1994 has the status of a
British Standard

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Committees responsible for this British Standard

The preparation of this British Standard was entrusted to Technical Committee HCC/72, Image intensifiers, upon which the following bodies were represented:

- Association of X-ray Equipment Manufacturers (BEAMA Ltd.)
- British Institute of Radiology
- College of Radiographers
- Institute of Physical Sciences in Medicine (Ipsm)

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Contents

	Page
Committees responsible	Inside front cover
National foreword	ii
Foreword	2
Text of EN 61262-3	3
List of references	Inside back cover

National foreword

This British Standard has been prepared by Technical Committee HCC/72 and is the English language version of EN 61262-3:1994 *Medical electrical equipment — Characteristics of electro-optical X-ray image intensifiers — Part 3 Determination of the luminance distribution and luminance non-uniformity*, published by the European Committee for Electrotechnical Standardization (CENELEC). It is identical with IEC 1262-3:1994 published by the International Electrotechnical Commission (IEC). It supersedes BS 6251:1982, which is withdrawn.

Cross-references

Publication referred to	Corresponding British Standard
HD 501 S1 (IEC 788:1984)	BS 6641:1985 <i>Glossary of medical radiology terms</i>

Additional information. The following print types are used in this standard.

Requirements, with which compliance can be tested, and definitions:
in roman type.

Explanations, advice, general statements, exceptions and references:
in smaller type.

Test procedures: in *italic* type

Terms defined in clause 3 of this standard and in Annex A: in SMALL CAPITALS.

For the purposes of this British Standard, any references to IEC page numbers in the text should be ignored.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the EN title page, pages 2 to 8, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

Descriptors: Medical electrical equipment, image intensifier, X-ray luminance

English version

Medical electrical equipment — Characteristics of
electro-optical X-ray image intensifiers
Part 3: Determination of the luminance distribution and
luminance non-uniformity

(IEC 1262-3:1994)

Appareils électromédicaux — Caractéristiques
des intensificateurs électro-optiques d'image
radiologique

Partie 3: Détermination de la distribution de
luminance et de la non-uniformité de luminance
(CEI 1262-3:1994)

Medizinische elektrische Geräte — Merkmale
von elektronenoptischen
Röntgenbildverstärkern

Teil 3: Bestimmung der Leuchtdichtevertellung
und der Inhomogenität der Leuchtdichte
(IEC 1262-3:1994)

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CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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