

Method for

Measuring the screen luminance, contrast and reflectance of microform readers

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Foreword

This British Standard has been prepared under the direction of the Documentation Standards Committee. It is based on the American National Standard ANSI/NMA MS 12:1977.

The screen luminance, image contrast and reflectance of a microform reader are essential factors in an observer's eye comfort, but at present it does not seem possible to characterize a reader screen simply by using luminance and contrast values that correspond to physiological requirements. The best that can be done is to establish a method of comparing the relative characteristics of different readers.

This standard describes a method for measuring the luminance, image contrast and reflectance of a reader screen as viewed by an observer while reading microimages. Although no single set of conditions will satisfy the viewing habits of all observers, this method should yield results that represent a valid approximation of actual viewing conditions.

Other requirements for microform readers are specified in BS 4191.

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Summary of pages

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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.