

Photocarcinogenesis action spectrum (non-melanoma skin cancers)

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National foreword

This British Standard was published by BSI. It is the UK implementation of ISO 28077:2006.

The UK participation in its preparation was entrusted to Technical Committee CH/100, Healthcare and medical equipment (European and International).

A list of organizations represented on this committee can be obtained on request to its secretary.

Squamous cell carcinomas (SCC) are the basis of the action spectrum where as basal cell carcinomas (BCC) are the most prevalent non-melanoma skin cancers in human populations. Similar types of ultraviolet radiation (UVR)-induced DNA damage seen in human SCC and BCC suggest that Ultraviolet B (UVB) is likely to dominate the genesis for both. However, there is currently no direct method of assessing the BCC action spectrum available and in the opinion of the UK committee the approach given in this standard is reasonable, and certainly the best that can be taken at present.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

Compliance with a British Standard cannot confer immunity from legal obligations.

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*Spectre d'action de la photocarcérogénèse (cancers de la peau hors
mélanome)*



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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

ISO 28077 was prepared as Standard CIE S 019/E by the International Commission on Illumination, which has been recognized by the ISO Council as an international standardizing body. It was adopted by ISO under a special procedure which requires approval by at least 75 % of the member bodies casting a vote, and is published as a joint ISO/CIE edition.

The International Commission on Illumination (abbreviated as CIE from its French title) is an organization devoted to international cooperation and exchange of information among its member countries on all matters relating to the science and art of lighting.

ISO 28077 was prepared by CIE Technical Committee TC 6-32.

