INTERNATIONAL STANDARD

ISO 9845-1

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Solar energy — Reference solar spectral irradiance at the ground at different receiving conditions —

Part 1:
Direct normal and hemispherical solar irradiance for air mass 1,5

Énergie solaire — Rayonnement solaire spectral de référence au sol sous différentes conditions de réception —

Partie 1: Rayonnement solaire direct normal et hémisphérique pour une masse d'air de 1,5

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Contents

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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.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 9845-1 was prepared by Technical Committee ISO/TC 180, *Solar energy*, Sub-Committee SC 1, *Climate -- Measurement and data*.

ISO 9845 consists of the following parts, under the general title *Solar energy — Reference solar spectral irradiance at the ground at different receiving conditions*:

— *Part 1: Direct normal and hemispherical solar irradiance for air mass 1,5*

Annexes A, B, C and D of this part of ISO 9845 are for information only.