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Optics and photonics — Test methods for telescopic systems —

Part 5: Test methods for transmittance

*Optique et photonique — Méthodes d'essai pour systèmes
télescopiques —*

Partie 5: Méthodes d'essai du facteur de transmission



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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.

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This document was prepared by Technical Committee ISO/TC 172, *Optics and photonics*, Subcommittee SC 4, *Telescopic systems*.

This third edition cancels and replaces the second edition (ISO 14490-5:2017), which has been technically revised.

The main changes compared to the previous edition are as follows:

- updates in [Clause 5](#), in particular [5.7](#). "Veiling glare stop" was deleted, clarification of requirements on "Integration sphere", addition of [5.9](#);
- updates in [Clause 9](#), in particular [9.1](#) and [9.2](#). The function $V(\lambda)$ for the 2° observer was replaced by the function $V_{10}(\lambda)$ for the 10° observer to be consistent with [9.2](#), where the function $V'(\lambda)$ for the 10° observer [now called $V'_{10}(\lambda)$] was already used;
- clarification of requirements in [Clause 10](#);
- addition of [B.4](#);

A list of all parts in the ISO 14490 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.