
**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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Contents

Page

Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Principle	1
5 Test arrangement	2
5.1 General.....	2
5.2 Radiation source and condenser.....	3
5.3 Monochromator or set of filters.....	3
5.4 Collimator.....	3
5.5 Aperture stop.....	3
5.6 Specimen mounting.....	4
5.7 Integrating sphere.....	4
5.8 Radiation detector.....	4
5.9 Selectable diaphragm as field stop.....	4
6 Procedure	4
6.1 Preparation of the test arrangement.....	4
6.2 Determination of the measurement values.....	4
6.3 Further test methods.....	5
7 Precision of the measurement	5
8 Presentation of the results	5
9 Analysis	5
9.1 Effective transmittance for photopic vision.....	5
9.2 Effective transmittance for scotopic vision.....	6
10 Test report	6
Annex A (informative) Calibration procedure for the radiation detector/measuring instrument	8
Annex B (informative) Trichromatic coefficients and colour contribution index	11
Bibliography	16

Foreword

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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.