
**Optics and photonics — Preparation
of drawings for optical elements and
systems —**

**Part 14:
Wavefront deformation tolerance**

*Optique et photonique — Préparation des dessins pour éléments et
systèmes optiques —*

Partie 14: Tolérance de déformation du front d'onde

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Published in Switzerland

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Foreword

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This document was prepared by Technical Committee ISO/TC 172, *Optics and photonics*, Subcommittee SC 1, *Fundamental standards*.

This third edition cancels and replaces the second edition (ISO 10110-14:2007), which has been technically revised. The main changes compared to the previous edition are as follows:

- this document has been adjusted to ISO 10110-5 which includes the use of general surfaces.
- a new subclause “Additional forms” has been added as 5.2.2, which includes “PV and robust PV wavefront deviation” and “Wavefront deviation described by Zernike coefficients”.
- examples have been added in [Clause 6](#).
- subclause 4.5 has been deleted.

A list of all parts in the ISO 10110 series can be found on the ISO website.

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