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Microscopes — Definition and measurement of illumination properties —

Part 3: Incident light fluorescence microscopy with incoherent light sources

Microscopes — Définition et mesurage des propriétés d'éclairage —

*Partie 3: Microscopie par fluorescence à lumière incidente avec
sources lumineuses incohérentes*



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ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Email: copyright@iso.org
Website: www.iso.org

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Foreword

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Introduction

This document defines important quantities and methods to assess the quality of incident light fluorescence illumination for microscopes as well as methods to measure them. Details covered will enable users to compare different microscopes quantitatively with respect to their fluorescence illumination prior to a purchase decision and chose an appropriate instrument according to their application. Data obtained by following these methods also enables users to compare existing instruments with each other or to track performance variations over time, assuring proper performance. Additionally, what information is to be provided to the user is covered.