

ISO 5-4:2009-12 (E)

Photography and graphic technology - Density measurements - Part 4: Geometric conditions for reflection density

Contents	Page
Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	2
4 Coordinate system, terminology and symbols	2
5 Distinction between ideal and realized parameters	3
6 Requirements	3
6.1 Influx and efflux geometry	3
6.2 Sampling aperture	4
6.3 Annular distribution	4
6.4 Normal directional distribution	5
6.5 Determination of illuminator radiance distribution	5
6.6 Determination of receiver responsivity distribution	5
6.7 Polarization efficiency	5
6.8 Scattered flux	5
6.9 Backing material	6
6.10 Reference standard	6
6.11 Designation	7
6.12 Conformance testing	7
Annex A (normative) Determining conformance with tolerances	8
Annex B (normative) Determination of accuracy and linearity of a densitometer	9
Annex C (normative) Certified reference materials for measuring instruments with polarizing means	10
Annex D (normative) Polarization efficiency	11
Annex E (informative) Backing materials	13
Annex F (informative) Reflectance density versus reflectance factor density	14
Bibliography	15