

# ISO 105-B02:2013-05 (E)

## Textiles - Tests for colour fastness - Part B02: Colour fastness to artificial light: Xenon arc fading lamp test

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
1	Scope .....	1
2	Normative references .....	1
3	Principle .....	1
4	Terms and definitions .....	1
5	Materials and apparatus .....	2
5.1	Reference materials .....	2
5.2	Laboratory exposure devices .....	3
6	Preparation of test specimens .....	5
7	Exposure conditions .....	6
8	Procedure .....	6
8.1	Apparatus set-up .....	6
8.2	Adjustment of the effective humidity (see Clause 7 and Annex E) .....	7
8.3	Exposure methods .....	8
9	Assessment of colour fastness .....	15
10	Test report .....	16
Annex A (normative) Requirements for xenon arc exposure devices .....		19
Annex B (normative) Procedures for measuring the irradiance uniformity in the specimen exposure area (for apparatus manufacturers only) .....		22
Annex C (informative) Light exposure equivalents for blue wool lightfastness references L2 to L9 ..		24
Annex D (informative) General Information on colour fastness to Light .....		25
Annex E (informative) Guidelines for Conducting Testing .....		27
Bibliography .....		35