

# DIN EN ISO 8980-2:2017-12 (E)

## Ophthalmic optics - Uncut finished spectacle lenses - Part 2: Specifications for power-variation lenses (ISO 8980-2:2017)

---

<b>Contents</b>		<b>Page</b>
European foreword .....		3
Foreword .....		4
1	Scope .....	5
2	Normative references .....	5
3	Terms and definitions .....	5
4	Classification .....	5
5	Requirements .....	6
5.1	Reference temperature .....	6
5.2	Optical requirements .....	6
5.2.1	General .....	6
5.2.2	Back vertex power of power-variation lenses at the primary reference point .....	6
5.2.3	Direction of the cylinder axis .....	6
5.2.4	Variation power (including addition power) .....	7
5.2.5	Prismatic power .....	7
5.2.6	Prism base setting .....	7
5.3	Requirements for size and thickness .....	8
5.4	Orientation requirement for polarizing lenses .....	8
6	Verification methods .....	8
6.1	General .....	8
6.2	Verification method for back vertex power .....	8
6.3	Verification method for the direction of the cylinder axis .....	9
6.4	Verification method for prismatic power .....	9
6.5	Verification method for variation power (including addition power) .....	9
6.5.1	General .....	9
6.5.2	Procedure .....	9
6.6	Inspection method for material and surface quality .....	9
7	Marking .....	9
7.1	Permanent marking .....	9
7.2	Optional non-permanent marking .....	10
8	Identification and information .....	10
9	Reference to this document .....	10
Annex A (informative)	Material and surface quality .....	11
A.1	Assessment .....	11
A.2	Test method .....	11
Bibliography .....		12