

# ISO 8980-2:2017-07 (E)

## Ophthalmic optics - Uncut finished spectacle lenses - Part 2: Specifications for power-variation lenses

---

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