

# ISO 15902:2019-12 (E)

## Optics and photonics - Diffractive optics - Vocabulary

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
<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>
3.1	Diffractive optics technologies .....	1
3.2	Diffractive optical elements and their types .....	1
3.3	Structure of diffractive optical elements .....	2
3.3.1	General structure .....	2
3.3.2	Phase structure .....	2
3.3.3	Periodic structure .....	4
3.3.4	Design of diffractive optical elements .....	6
3.4	Properties of diffractive optical elements .....	6
3.4.1	General properties .....	6
3.4.2	Classification of diffraction .....	7
3.4.3	Dispersion properties .....	8
3.4.4	Polarization .....	9
3.5	Applications .....	10
<b>4</b>	<b>Symbols and abbreviated terms .....</b>	<b>11</b>
Index .....		13