

DIN EN ISO 14880-1:2019-10 (E)

Optics and photonics - Microlens arrays - Part 1: Vocabulary (ISO 14880-1:2019)

Contents

Page

European foreword	3
Foreword	4
Introduction	5
1 Scope	6
2 Normative references	6
3 Terms and definitions	6
3.1 Symbols and units of measure	7
3.2 Basic definitions of microlens and microlens array	7
3.3 General terms and definitions	8
3.4 Terms relating to properties of the microlens array	11
3.4.1 Geometrical properties	11
3.4.2 Optical properties	12
4 Coordinate system	13
5 Properties of individual lenses	14
Annex A (informative) Microlens array applications (1) — Telecommunications	16
Annex B (informative) Microlens array applications (2) — Image sensor arrays	17
Annex C (informative) Microlens array applications (3) — LCD projection panels	18
Annex D (informative) Microlens array applications (4) — Wavefront sensors	19
Annex E (informative) Microlens array applications (5) — Stereo displays	22
Annex F (informative) Microlens array applications (6) — 3D imaging and light-field cameras	23
Bibliography	25