ISO 14880-1:2016-04 (E)

Optics and photonics - Microlens arrays - Part 1: Vocabulary and general properties

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Termsanddefinitions 1
2.1 Basic definition of microlens and microlens array 1
2.2 General terms and definitions 1
2.3 Terms relating to properties of the microlens array 5
2.3.1 Geometrical properties 5
2.3.2 Optical properties 6

3 Symbols and units of measure 7

4 Coordinate system 8

5 Properties of individual lenses 9

Annex A (informative) Microlens arrays applications (1) -- Telecommunications 10

Annex B (informative) Microlens arrays applications (2) -- Image sensor arrays 11

Annex C (informative) Microlens arrays applications (3) -- LCD projection panels 12

Annex D (informative) Microlens arrays applications (4) -- Wavefront sensors 13

Annex E (informative) Microlens arrays applications (5) -- stereo displays 16

Annex F (informative)Microlensarraysapplications(6)--3Dimagingandlight-fieldcameras 17

Bibliography 19