

Appendix

Acronyms

ALEL	array light-enhancing layer
ASD	anomalous sub-diffusion
DE	diffraction efficiency
DOE	diffractive optical element
EUV	extreme ultra violet
EXT	extinction ratio
FDTD	finite difference time domain method
FIB	focus ion beam
FPD	flat panel display
FZP	Fresnel zone plate
HA	hyaluronic acid
HDTV	high-definition digital TV
LCD	liquid crystal displays
LEL	light-enhancing layer
LIGA	lithography-galvanic-forming-molding
LIS	LEL-integrated substrate / passivation
LPCVD	low pressure chemical vapor deposition
MEMS	micro-electro-mechanical-systems
MPL	mold process lens
MZ-LEL	multi-zone light-enhancing layer
NA	numerical apertures
OLED	organic light-emitting diodes
PBS	polarization beam splitter
PDMS	polydimethylsiloxane
PIFSO	planar-integrated free-space optics
PMMA	polymethylmethacrylate
PZM	planar zoom module
RCWA	rigorous coupled wave analysis
RIE	reactive ion etching
ROE	refractive optical element
SVC-FCS	sampling-volume-controlled fluorescence correlation spectroscopy
TIR	total internal reflection
WGP	wire-grid polarizer