1. Record Nr. UNINA9911019223203321

Autore	Robinson Michael G
Titolo	Polarization engineering for LCD projection / / Michael G. Robinson, Jianmin Chen, and Gary D. Sharp
Pubbl/distr/stampa	Chichester, West Sussex, England ; ; Hoboken, NJ, : John Wiley & Sons, c2005
ISBN	9786610238842 9781280238840 1280238844 9780470341896 0470341890 9780470871072 0470871075 9780470871065 0470871067
Descrizione fisica	1 online resource (310 p.)
Collana	Wiley SID series in display technology
Altri autori (Persone)	ChenJianmin <1963-> SharpGary D
Disciplina	621.3815/422
Soggetti	Liquid crystal displays Polarization (Light) Projectors
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Polarization Engineering for LCD Projection; Contents; Series Editor's Foreword; Preface; 1 Introduction; 2 Liquid Crystal Projection System Basics; 3 Polarization Basics; 4 System Components; 5 Liquid Crystal Displays (LCDs); 6 Retarder Stack Filters; 7 System Contrast; 8 Color Management; 9 Transmissive Three-panel Projection System; 10 Three-panel Reflective Systems; 11 Single and Dual Panel LC Projection Systems; Appendix A; Index
Sommario/riassunto	Liquid Crystal Display (LCD) projection technology has, in recent years, led the way in large area displays because of its potential to deliver scalable, high-resolution images at a low cost. Since large displayed

images demand high brightness and contrast, a full understanding of polarization, and how to manage its effects, is essential for the development of quality systems. Using the example of LCD projection technology, this practical text provides a thorough coverage of polarization engineering problems, with appropriate solutions and mathematical tools for analysis. Key featur