

1. Record Nr.	UNINA9910346956403321
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Titolo	Spectral near field data of LED systems for optical simulations
Pubbl/distr/stampa	KIT Scientific Publishing, 2018
ISBN	1000078518
Descrizione fisica	1 online resource (VIII, 212 p. p.)
Collana	Spektrum der Lichttechnik / Karlsruher Institut für Technologie (KIT), Lichttechnisches Institut
Soggetti	Technology: general issues
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	This book presents, validates and applies a fast, accurate and general measurement and modeling technique to obtain spectral near field data of LED systems for optical simulations in order to address the steadily increasing requirements of modern high quality LED systems. It requires only a minimum of goniophotometric near field measurements and no time-consuming angularly resolved spectral measurements. The obtained results can be used directly in state-of-the-art ray tracers.