

# Lighting Research & Technology

## Contents

<b>Editorial: Complexity and simplicity</b> <i>P Boyce</i>	3
<b>Opinion: Consider colorimetric quantities when evaluating obtrusive light</b> <i>M (Tommy) Wei</i>	4
<b>Spatial brightness, horizontal illuminance and mean room surface exitance in a lighting booth</b> <i>J Duff, K Kelly and C Cuttle</i>	5
<b>Investigating visual mechanisms underlying scene brightness</b> <i>UC Besenecker and JD Bullough</i>	16
<b>Indoor lighting quality: Effects of different wall colours</b> <i>L Bellia, A Pedace and F Fragliasso</i>	33
<b>Analysis of circadian stimulus allowed by daylighting in hospital rooms</b> <i>I Acosta, RP Leslie and MG Figueiro</i>	49
<b>Comparison of luminous intensity distributions</b> <i>F Gassmann, U Krueger, T Bergen and F Schmidt</i>	62
<b>LED life prediction based on lumen depreciation and colour shift</b> <i>AN Padmasali and SG Kini</i>	84
<b>Effects of flickering light on the attraction of nocturnal insects</b> <i>A Barroso, I Haifig, V Janei, I da Silva, C Dietrich and AM Costa-Leonardo</i>	100
<b>Mathematical limitations of the CIE mesopic photometry system</b> <i>M Shpak, P Kärhä and E Ikonen</i>	111
<b>Research note: Calculating spectral irradiance indoors</b> <i>S Bará and J Escofet</i>	122

All figures that were originally provided in colour will appear in colour online  
<http://lrt.sagepub.com>



The Society of  
Light and Lighting