

# DIN EN 12665:2011-09 (E)

## Light and lighting - Basic terms and criteria for specifying lighting requirements

---

<b>Contents</b>		<b>Page</b>
Foreword .....		3
Introduction .....		4
<b>1</b>	<b>Scope .....</b>	<b>4</b>
<b>2</b>	<b>Normative references .....</b>	<b>5</b>
<b>3</b>	<b>Terms and definitions .....</b>	<b>5</b>
3.1	Eye and vision .....	5
3.2	Light and colour .....	7
3.3	Lighting equipment .....	15
3.4	Daylight .....	21
3.5	Lighting installations .....	23
3.6	Lighting measurements .....	33
<b>4</b>	<b>Framework for the specification of lighting requirements .....</b>	<b>34</b>
4.1	General .....	34
4.2	Illuminance .....	34
4.3	Luminance .....	35
4.4	Glare .....	35
4.5	Colour .....	35
4.6	Energy .....	35
4.7	Maintenance .....	35
4.8	Measurements .....	36
4.9	Accuracy .....	36
	<b>Annex A (informative) Additional explanation of defined terms .....</b>	<b>37</b>
	<b>Annex B (informative) Index of terms .....</b>	<b>40</b>
	<b>Annex C (informative) A deviation .....</b>	<b>46</b>
	<b>Annex ZA (informative) Relationship between this European Standard and the Essential Requirements of EU Directive 2008/57/EC .....</b>	<b>47</b>
	<b>Bibliography .....</b>	<b>48</b>