

# ISO 3864-4:2011-03 (E)

## Graphical symbols - Safety colours and safety signs - Part 4: Colorimetric and photometric properties of safety sign materials

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
<b>1</b>	<b>Scope .....</b>	<b>1</b>
<b>2</b>	<b>Normative references .....</b>	<b>1</b>
<b>3</b>	<b>Terms and definitions .....</b>	<b>2</b>
<b>4</b>	<b>Requirements .....</b>	<b>3</b>
<b>4.1</b>	<b>General .....</b>	<b>3</b>
<b>4.2</b>	<b>Object colour under external illumination .....</b>	<b>4</b>
<b>4.3</b>	<b>Object colour of powered internally illuminated safety signs .....</b>	<b>4</b>
<b>5</b>	<b>Test methods .....</b>	<b>8</b>
<b>5.1</b>	<b>General .....</b>	<b>8</b>
<b>5.2</b>	<b>Object colour under external illumination .....</b>	<b>9</b>
<b>5.3</b>	<b>Object colour of powered internally illuminated safety signs .....</b>	<b>10</b>
	<b>Annex A (informative) Object colour of different types of safety sign and material .....</b>	<b>11</b>
	<b>Annex B (normative) Classification of emission colour of phosphorescent material .....</b>	<b>13</b>
	<b>Annex C (normative) Specification of colour and photometric instrumentation .....</b>	<b>16</b>
	<b>Annex D (informative) Guidance on photometric relationships between and within safety and contrast colours of graphical symbols .....</b>	<b>18</b>
	<b>Annex E (informative) Examples of safety colours and contrast colours for object colours of ordinary materials .....</b>	<b>19</b>
	<b>Annex F (informative) Consideration of defective colour vision .....</b>	<b>21</b>
	<b>Bibliography .....</b>	<b>23</b>