ISO 3864-4:2011-03 (E)

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

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Terms and definitions 2

4 Requirements 3
4.1 General 3
4.2 Object colour under external illumination 4
4.3 Object colour of powered internally illuminated safety signs 4

5 Test methods 8
5.1 General 8
5.2 Object colour under external illumination 9
5.3 Object colour of powered internally illuminated safety signs 10

Annex A (informative) Object colour of different types of safety sign and material 11

Annex B (normative) Classification of emission colour of phosphorescent material 13

Annex C (normative) Specification of colour and photometric instrumentation 16

Annex D (informative) Guidance on photometric relationships between and within safety and contrast colours of graphical symbols 18

Annex E (informative) Examples of safety colours and contrast colours for object colours of ordinary materials 19

Annex F (informative) Consideration of defective colour vision 21

Bibliography 23