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July 2005

CIE PUBLICATIONS

Available Publications

No.	T I T L E	Price Category
01-1980	Guide lines for minimizing urban sky glow near astronomical observatories (Joint publication IAU/CIE)	C
13.3-1995	Method of measuring and specifying colour rendering properties of light sources (incl. disc D008-1995)	I
15:2004	Colorimetry, 3rd ed. (incl. CD-ROM)	I
16-1970	Daylight	I
17.4-1987	International lighting vocabulary, 4th ed. (Joint publication IEC/CIE)	X
18.2-1983	The basis of physical photometry, 2nd ed.	E
19.21-1981	An analytic model for describing the influence of lighting parameters upon visual performance, 2nd ed., Vol.1.: Technical foundations	K
19.22-1981	An analytic model for describing the influence of lighting parameters upon visual performance, 2nd ed., Vol.2.: Summary and application guidelines	I
23-1973	International recommendations for motorway lighting	C
31-1976	Glare and uniformity in road lighting installations	C
32-1977	Lighting in situations requiring special treatment (in road lighting)	D
33-1977	Depreciation of installation and their maintenance (in road lighting)	C
34-1977	Road lighting lantern and installation data: photometrics, classification and performance	E
38 -1977	Radiometric and photometric characteristics of materials and their measurement	L
39.2-1983	Recommendations for surface colours for visual signalling, 2nd ed.	I
40-1978	Calculations for interior lighting: Basic method	G
41-1978	Light as a true visual quantity: Principles of measurement	E
42-1978	Lighting for tennis	C
43 1979	Photometry of floodlights	F
44-1979	Absolute methods for reflection measurements	H
45-1979	Lighting for ice sports	C
46-1979	A review of publications on properties and reflection values of material reflection standards	J
47-1979	Road lighting for wet conditions	I
48-1980	Light signals for road traffic control	E
49-1981	Guide on the emergency lighting of building interiors	B

51.2-1999	A method for assessing the quality of daylight simulators for colorimetry	D
52-1982	Calculations for interior lighting: Applied method	L
53-1982	Methods of characterizing the performance of radiometers and photometers	D
54.2-2001	Retroreflection: Definition and measurement	G
55-1983	Discomfort glare in the interior working environment	F
57-1983	Lighting for football	B
58-1983	Lighting for sports halls	A
59-1984	Polarization: Definitions and nomenclature, instrument polarization	D
60-1984	Vision and the visual display unit work station	D
61-1984	Tunnel entrance lighting: A survey of fundamentals for determining the luminance in the threshold zone	I
62-1984	Lighting for swimming pools	C
63-1984	The spectroradiometric measurement of light sources	G
64-1984	Determination of the spectral responsivity of optical radiation detectors	H
65-1985	Electrically calibrated thermal detectors of optical radiation (absolute radiometers)	D
66-1984	Road surfaces and lighting (joint technical report CIE/PIARC)	H
67-1986	Guide for the photometric specification and measurement of sports lighting installations	A
69-1987	Methods of characterizing illuminance meters and luminance meters: Performance, characteristics and specifications	E
70-1987	The measurement of absolute luminous intensity distributions	F
72-1987	Guide to the properties and uses of retroreflectors at night	G
73-1988	Visual aspects of road markings (joint technical report CIE/PIARC; French translation: Aspects visuels des marquages routiers is available from PIARC)	G
74-1988	Roadsigns	K
75-1988	Spectral luminous efficiency functions based upon brightness matching for monochromatic point sources, 2° and 10° fields	C
76-1988	Intercomparison on measurement of (total) spectral radiance factor of luminescent specimens	H
77-1988	Electric light sources: State of the art - 1987	K
78-1988	Brightness-luminance relations: Classified bibliography	M
79-1988	A guide for the design of road traffic lights	C
80-1989	Special metamerism index: Change in observer	C
81-1989	Mesopic photometry: History, special problems and practical solutions	D
82-1990	CIE History 1913 - 1988	M
83-1989	Guide for the lighting of sports events for colour television and film systems	C
84-1989	Measurement of luminous flux	F
85-1989	Solar spectral irradiance	F
86-1990	CIE 1988 2° spectral luminous efficiency function for photopic vision	B
87-1990	Colorimetry of self-luminous displays - A bibliography	E
88:2004	Guide for the lighting of road tunnels and underpasses, 2nd ed.	D

89-1991	Technical Collection 1990:	F
	89/1 Results of a CIE detector response intercomparison	
	89/2 Photobiological effects of sunlamps	
	89/3 On the deterioration of exhibited museum objects by optical radiation	
	89/4 Guide for the measurement of underground mine lighting	
90-1991	Sunscreen testing (UV.B)	B
93-1992	Road lighting as an accident countermeasure	J
94-1993	Guide for floodlighting	H
95-1992	Contrast and visibility	F
96-1992	Electric light sources - State of the art - 1991	C
97-1992	Maintenance of indoor electric lighting systems	C
98-1992	Personal dosimetry of UV radiation	C
99-1992	Lighting education	B
100-1992	Fundamentals of the visual task of night driving	G
101-1993	Parametric effects in colour-difference evaluation	B
102-1993	Recommended file format for electronic transfer of luminaire photometric data	C
103-1993	Technical Collection 1993:	G
	103/1 Colour appearance analysis	
	103/2 Industrial lighting and safety at work	
	103/3 Reference action spectra for ultraviolet induced erythema and pigmentation of different human skin types	
	103/4 Biologically effective emissions and hazard potential of desk-top luminaires incorporating tungsten halogen lamps	
	103/5 The economics of interior lighting maintenance	
	103/6 Clarification of maintained illuminance and associated terms	
104-1993	Daytime running lights	B
105-1993	Spectroradiometry of pulsed optical radiation sources	C
106-1993	CIE Collection in Photobiology and Photochemistry :	F
	106/1 Determining ultraviolet action spectra	
	106/2 Photokeratitis (reprint)	
	106/3 Photoconjunctivitis (reprint)	
	106/4 A reference action spectrum for ultraviolet induced erythema in human skin (reprint)	
	106/5 Photobiological effects in plant growth (reprint)	
	106/6 Malignant melanoma and fluorescent lighting (reprint)	
	106/7 On the quantification of environmental exposures: limitations of the concept of risk-to-benefit ratio	
	106/8 Terminology for photosynthetically active radiation for plants	
107-1994	Review of the official recommendations of the CIE for the colours of signal lights	E
108-1994	Guide to recommended practice of daylight measurement (incl. disc)	F
109-1994	A method of predicting corresponding colours under different chromatic and illuminance adaptations	B
110-1994	Spatial distribution of daylight - Luminance distributions of various reference skies	D

111-1994	Variable message signs	F
112-1994	Glare evaluation system for use within outdoor sports and area lighting	B
113-1995	Maintained night-time visibility of retroreflective road signs	G
114-1994	CIE Technical Collection in photometry and radiometry (1994):	E
	114/1 Survey of reference materials for testing the performance of spectrophotometers and colorimeters (reprint)	
	114/2 International intercomparison on transmittance measurement - Report of results and conclusions (reprint)	
	114/3 Intercomparison of luminous flux measurements on HPMV lamps	
	114/4 Distribution temperature and ratio temperature	
	114/5 Terminology relating to non-selective detectors	
	114/6 Photometry of thermally sensitive lamps	
115-1995	Recommendations for the lighting of roads for motor and pedestrian traffic	C
116-1995	Industrial colour difference evaluation	B
117-1995	Discomfort glare in interior lighting	D
118-1995	CIE Collection in colour and vision:	G
	118/1 Evaluation of the attribute of appearance called gloss (reprint)	
	118/2 Models of heterochromatic brightness matching (reprint)	
	118/3 Brightness luminance relations	
	118/4 CIE Guidelines for co-ordinated research on evaluation of colour appearance models for reflection print and self-luminous display image comparisons	
	118/5 Testing colour appearance models: Guidelines for co-ordinated research	
	118/6 Report on color difference literature	
	118/7 CIE guidelines for co-ordinated future work on industrial colour-difference evaluation	
119-1995	Proceedings of the 23rd Session of the CIE, New Delhi 1995, Vol.1	X
121-1996	The photometry and goniophotometry of luminaires	F
122-1996	The relationship between digital and colorimetric data for computer-controlled CRT displays	C
123-1997	Low Vision	L
CD123-1997	Low Vision (CD-ROM)	X
124-1997	CIE Collection in Colour and Vision, 1997	E
	124/1 Colour notations and colour order systems	
	124/2 On the course of the disability glare function and its attribution to components of ocular scatter	
	124/3 Next step in industrial colour difference evaluation - Report on a colour difference research meeting	
125-1997	Standard erythema dose	A
126-1997	Guidelines for minimizing sky glow	B
127-1997	Measurement of LEDs	C
128-1998	Guide to the lighting for open-cast mines	C
129-1998	Guide for lighting exterior work areas	B
130-1998	Practical methods for the measurement of reflectance and transmittance	G

132-1999	Design methods for lighting of roads (incl. disc)	F
133-1999	Proceedings of the 24th Session of the CIE, Warsaw 1999 (2 vol.)	X
CD133-1999	Proceedings of the 24th Session of the CIE, Warsaw 1999 (CD-ROM)	X
134-1999	CIE Collection in Photobiology and Photochemistry	F
	134/1 Standardization of the terms UV-A1, UV-A2 and UV-B	
	134/2 UV protection of the eye	
	134/3 Recommendation on photobiological safety of lamps. A review of standards	
135-1999	CIE Collection 1999: Vision and Colour, Physical Measurement of Light and Radiation	H
	135/1 Disability glare	
	135/2 Colour rendering, TC 1-33 closing remarks	
	135/3 Supplement 1-1999 to CIE 51-1981, Virtual metamers for assessing the quality of simulators of CIE illuminant D50	
	135/4 Some recent developments in colour difference evaluation	
	135/5 Visual adaptation to complex luminance distribution	
	135/6 45°/0° Spectral reflectance factors of pressed polytetra- fluoroethylene (PTFE) powder	
136-2000	Guide to the lighting of urban areas	D
137-2000	The conspicuity of traffic signs in complex backgrounds	D
138-2000	CIE Collection in Photobiology and Photochemistry 2000	F
	138/1 Blue light photochemical retinal hazard	
	138/2 Action spectrum for photocarcinogenesis (non-melanoma skin cancers)	
	138/3 Standardized protocols for photocarcinogenesis safety testing	
	138/4 A proposed global UV index	
139-2001	The influence of daylight and artificial light on diurnal and seasonal variations in humans – a bibliography	G
D139-2001	The influence of daylight and artificial light on diurnal and seasonal variations in humans – a bibliography (Disc version)	X
140-2000	Road lighting calculations	D
141-2001	Testing of supplementary systems of photometry	I
142-2001	Improvement to industrial colour-difference evaluation	B
143-2001	International recommendations for colour vision requirements for transport	E
144:2001	Road surface and road marking reflection characteristics	D
145:2002	The correlation of models for vision and visual performance	E
146/147:2002	CIE Collection on Glare 2002	C
	146 CIE equations for disability glare	
	147 Glare from small, large and complex sources	
148:2002	Action spectroscopy of skin with tunable lasers	B
149:2002	The use of tungsten filament lamps as secondary standard sources	C
150:2003	Guide on the limitation of the effects of obtrusive light from outdoor lighting installations	E
151:2003	Spectral weighting of solar ultraviolet radiation (incl. disc)	D
152:2003	Proceedings of the 25th Session of the CIE , San Diego 2003 (Vol. 1 Part 1 & Vol. 1 Part 2 + CD-ROM)	X

CD152:2003	Proceedings of the 25th Session of the CIE , San Diego 2003 (full set on CD-ROM)	X
153:2003	Report on an intercomparison of measurements of the luminous flux of high-pressure sodium lamps	A
154:2003	The maintenance of outdoor lighting systems	C
155:2003	Ultraviolet air disinfection	G
156:2004	Guidelines for the evaluation of gamut mapping algorithms	C
157:2004	Control of damage to museum objects by optical radiation	D
158:2004	Ocular lighting effects on human physiology and behaviour	F
159:2004	A colour appearance model for colour management systems: CIECAM02	C
160:2004	A review of chromatic adaptation transforms	D
161:2004	Lighting design methods for obstructed interiors	D
162:2004	Chromatic adaptation under mixed illumination condition when comparing softcopy and hardcopy images	C
163:2004	The effects of fluorescence in the characterization of imaging media	B
164:2005	Hollow light guide technology and applications	D
165:2005	CIE 10 degree photopic photometric observer	C
166:2005	Cognitive colour	C
167:2005	Recommended practice for tabulating spectral data for use in colour computations	C

CIE Discs:

D001-1988	Disc version of CIE photometric and colorimetric data (Publ. 18.2, and 86 tables)	C
D002-2004	Disc version of CIE colorimetric and colour rendering data (Publ. 13.3 and 15 tables)	J
D005-1994	A method for assessing the quality of D65 daylight simulators for colorimetry (based on Publ. 51)	A
D007-1994	A method of predicting corresponding colours under different chromatic and illuminance adaptations (Computer program to Publ. CIE 109)	F
D008-1995	Computer program to calculate CRIs (to Publ. CIE 13.3)	X

Standards:

ISO 10526/CIE S 005/E-1999:	CIE standard illuminants for colorimetry	B
ISO 10526/CIE S 005/F-1999:	Illuminants colorimétriques normalisés CIE	B
CIE S 005/G-1998:	CIE Normlichtarten für Farbmessung	B
ISO/CIE 10527-1991(E):	Colorimetric observers (S002, 1986)	G
ISO/CIE 10527-1991(F):	Observateurs de référence colorimétriques (S002, 1986)	G
CIE S 004-2001:	Colours of light signals	B
ISO 16508/CIE S 006.1/E-1999:	Road traffic lights - Photometric properties of 200 mm roundel signals	A
ISO 16508/CIE S 006.1/F-1999:	Feux de circulation - Caractéristiques photométriques de feux de signalisation avec un diamètre de 200 mm	A
ISO 17166/CIE S 007/E-1999:	Erythema reference action spectrum and standard erythema dose	A

ISO 17166/CIE S 007F-1999: Spectre d'action érythémale de référence et dose érythémale normalisée	A
CIE S 007/G-1998: Erythemale Referenzwirkungsfunktion und standardisierte Erythemdosis	A
ISO 8995/CIE S 008-2001: Lighting of indoor work places	C
CIE S 009/E:2002: Photobiological safety of lamps and lamp systems	D
CIE S 009/F:2002: Sécurité photobiologique des lampes et des appareils utilisant les lampes	D
CIE S 009/G:2002: Photobiologische Sicherheit von Lampen und Lampensystemen	D
CIE S 010/E:2004: Photometry – The CIE system of physical photometry	C
ISO 15469/CIE S 011/E:2003: Spatial distribution of daylight - CIE standard general sky	A
CIE S 012/E:2004: Standard method of assessing the spectral quality of daylight simulators for visual appraisal and measurement of colour (incl. disc)	C
CIE S 013/E:2003: International Standard Global Solar UV Index	A
S 015:2005 Lighting of outdoor work places	C

Draft Standards:

DS 014-1.2:2004 Colorimetry - Part 1: CIE Standard Colorimetric Observers	X
DS 014-2.2:2004 Colorimetry - Part 2: CIE Standard Illuminants	X
DS 019.2:2005 Photocarcinogenesis action spectrum (non-melanoma skin cancers)	X

Special publications:

x005-1992 Proceedings of the CIE Seminar '92 on Computer programs for light and lighting	J
x006-1991 Japan CIE Session at PRAKASH 91	B
x007-1993 Proceedings of the CIE Symposium '93 on advanced colorimetry	X
x008-1994 Urban sky glow, a worry for astronomy	E
x009-1995 Proceedings of the CIE Symposium '94 on advances in photometry	L
x010-1996 Proceedings of the CIE Symposium '96 on colour standards for image technology	L
x011-1996 Special volume 23rd Session of the CIE, New Delhi, November 1-8, 1995, Late papers	F
x012-1997 Proceedings of the NPL - CIE-UK Conference: Visual scales, photometric and colorimetric aspects	I
x013-1997 Proceedings of the CIE LED Symposium '97 on Standard methods for specifying and measuring LED characteristics	I
x014-1998 Proceedings of the CIE Expert Symposium '97 on Colour standards for imaging technology	K
x015-1998 Proceedings of the 1st CIE Symposium on lighting quality	H
x016-1998 Measurements of optical radiation hazards	X
x017-2000 Special volume 24th Session of the CIE, Warsaw 1999, Late papers	G
x018-1999 Proceedings of the CIE Symposium '99 "75 Years of CIE Photometry"	L
CDx018-1999 Proceedings of the CIE Symposium '99 "75 Years of CIE Photometry" (CD-ROM)	X

x019:2001	Proceedings of three CIE Workshops on criteria for road lighting	J
x020:2001	Proceedings of the CIE Symposium 2001 "Uncertainty evaluation – Methods for analysis of uncertainties in optical radiation measurement"	I
x021:2001	Proceedings of the CIE Expert Symposium 2000 "Extended range colour spaces"	I
x022:2001	Proceedings of the 2nd CIE Expert Symposium on LED measurement "Standard methods for specifying and measuring LED and LED cluster characteristics"	J
x023:2002	Proceedings of two CIE Workshops on photometric measurement systems for road lighting installations	J
x024:2002	Proceedings of the CIE/ARUP Symposium on Visual Environment	L
CDx024:2002	Proceedings of the CIE/ARUP Symposium on Visual Environment (CD-ROM)	X
x025:2003	Proceedings of the CIE Symposium 2002 on "Temporal and Spatial Aspects of Light and Colour Perception and Measurement"	L
CDx025:2003	Proceedings of the CIE Symposium 2002 on "Temporal and Spatial Aspects of Light and Colour Perception and Measurement" (CD-ROM)	X
x026:2005	Proceedings of the CIE Symposium 2004 on "LED Light Sources: Physical Measurement and Visual and Photobiological Assessment" (incl. CD-ROM)	N
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