Standards Manager Web Standards List

CIE-International Commission on Illumination

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1	251	LED Reference Spectrum for Photometer Calibration	2023	CIE	
2	250	Spectroradiometric Measurement of Optical Radiation Sources	2022	CIE	
3	X049	PROCEEDINGS of the CIE Symposium on Advances in Measurement of Temporal Light Modulation	2022	CIE	
4	248	The CIE 201 6 Colour Appearance Model for Colour Management Systems: CIECAM1 6	2022	CIE	
5	249	Visual Aspects of Time-Modulated Lighting Systems	2022	CIE	
6	244	Characterization of Imaging Luminance Measurement Devices (ILMDs)	2021	CIE	
7	X048	Proceedings of the Conference CIE 2021, September 27 - 29, 2021 hosted by the CIE National Committee (NC) Malaysia online	2021	CIE	
8	DIS 027	Photometry of road illumination devices, light signalling devices and retroreflective devices for road vehicles	2021	CIE	
9	243	Discomfort Glare in Road Lighting and Vehicle Lighting	2021	CIE	
10	245	Optical Safety of Infrared Eye Trackers Applied for Extended Durations	2021	CIE	
11	246	Colour Gamuts for Output Media	2021	CIE	
12	247	Guide for the Gonioradiometric Measurement of Upper Air Ultraviolet Germicidal Irradiation Luminaires	2021	CIE	
13	S 017/E	ILV: International Lighting Vocabulary	2020	CIE	
14	X047	Collection of papers accepted for the 5th CIE Symposium on Colour and Visual Appearance	2020	CIE	
15	242	Photometry of Curved and Flexible OLED and LED Sources	2020	CIE	
16	237	Non-Linearity of Optical Detector Systems	2020	CIE	0
17	238	Characterization of AC-Driven LEDs for SSL Applications	2020	CIE	
18	239	Goniospectroradiometry of Optical Radiation Sources	2020	CIE	
19	240	Enhancement of Images for Colour-Deficient Observers	2020	CIE	
20	241	Recommended Reference Solar Spectra for Industrial Applications	2020	CIE	
21	TS 22012	Light and lighting ù Maintenance factor determination ù Way of working	2019	CIE	0
22	TN 009	The Use of ôAccuracy¤ and Related Terms in the Specifications of Testing and Measurement Equipment	2019	CIE	
23	TN 010	Determination of the Optical Beam Axis, Centre Beam Intensi ty, and Beam Angle of Directional Light Sources	2019	CIE	
24	018	The Basis of Physical Photometry,	2019	CIE	0
25	083	Guide for the Lighting of Sports Events for Colour Television and Film Systems	2019	CIE	0
26	140	Road Lighting Calculations	2019	CIE	0
27	230	Validity of Formulae for Predicting Small Colour Differences	2019	CIE	0
28	231	CIE Classification System of Illuminance and Luminance Meters	2019	CIE	0
29	232	Discomfort Caused by Glare from Luminaires with a Non-Uniform Source Luminance	2019	CIE	0
30	233	Calibration, Characterization and Use of Array Spectroradiometers	2019	CIE	0
31	234	A Guide to Urban Lighting Masterplanning	2019	CIE	0
32	235	Optical Measurement of LED Modules and Light Engines	2019	CIE	0
33	236	Lighting for Pedestrians: A Summary of Empirical Data	2019	CIE	0

34	11664-1	Colorimetry ù Part 1: CIE standard colorimetric observers	2019	CIE	0
35	11664-3	Colorimetry ù Part 3: CIE tristimulus values	2019	CIE	0
36	11664-4	Colorimetry ù Part 4: CIE 1976 L*a*b* colour space	2019	CIE	0
37	17166	Erythema reference action spectrum and standard erythema dose	2019	CIE	0
38	20086	Light and lighting ù Energy performance of lighting in buildings	2019	CIE	0
39	S025 SP1	Test Method for OLED Luminaires and OLED Light Sources	2019	CIE	0
40	X046 VOL 1 PART 1	Proceedings of the 29th Session of the CIE, Washington D.C., USA, June 14 - 22, 2019	2019	CIE	
41	X046 VOL 1 PART 2	Proceedings of the 29th Session of the CIE, Washington D.C., USA, June 14 - 22, 2019	2019	CIE	
42	X046 VOL 2	Proceedings of the 29th Session of the CIE, Washington D.C., USA, June 14 - 22, 2019	2019	CIE	
43	S026	CIE System for Metrology of Optical Radiation for ipRGC-Influenced Responses to Light	2018	CIE	0
44	198-SP2	DETERMINATION OF MEASUREMENT UNCERTAINTIES IN PHOTOMETRY	2018	CIE	0
45	229	Groundwork for Measurement of Effective Intensity of Flashing Lights	2018	CIE	0
46	015	Colorimetry	2018	CIE	0
47	X045	PROCEEDINGS of CIE 2018 ¤Topical Conference on Smart Lighting¤	2018	CIE	0
48	8995-3	Lighting of work places ù Part 3: Lighting requirements for safety and security of outdoor work places	2018	CIE	0
49	228		2018	CIE	0
50	222	Decision Scheme for Lighting Controls in Non-Residential Buildings	2017	CIE	0
51	223	Multispectral Image Formats	2017	CIE	0
52	224	CIE 2017 Colour Fidelity Index for accurate scientific use	2017	CIE	0
53	225	Optical Measurement of High-Power LEDs	2017	CIE	0
54	226	High-Speed Testing Methods for LEDs	2017	CIE	0
55	227	Lighting for Older People and People with Visual Impairment in Buildings	2017	CIE	0
56	150	GUIDE ON THE LIMITATION OF THE EFFECTS OF OBTRUSIVE LIGHT FROM OUTDOOR LIGHTING INSTALLATIONS	2017	CIE	0
57	X044	PROCEEDINGS of the Conference on "Smarter Lighting for Better Life" at the CIE Midterm Meeting 2017	2017	CIE	0
58	X041	PROCEEDINGS of CIE Expert Symposium on the CIE S 025 LED Lamps, LED Luminaires and LED Modules Test Standard	2016	CIE	0
59	X042	PROCEEDINGS of CIE 2016 ¤Lighting Quality and Energy Efficiency¤	2016	CIE	0
60	X043	PROCEEDINGS of the 4th CIE Expert Symposium on Colour and Visual Appearance	2016		0
61	221	Infrared Cataract	2016	CIE	
62	217	Recommended Method for Evaluating the Performance of Colour-Difference Formulae	2016	CIE	0
63	218	Research Roadmap for Healthful Interior Lighting Applications	2016	CIE	0
64	219	Maintaining Summer Levels of 25(OH)D during Winter by Minimal Exposure to Sunbeds: Requirements and Weighing the Advantages and Disadvantages	2016	CIE	0
65	220	Characterization and Calibration Methods of UV Radiometers	2016	CIE	0
66	11664-5	Colorimetry ù Part 5: CIE 1976 L*u*v* colour space and u, v uniform chromaticity scale diagram		CIE	0
67	28077	Photocarcinogenesis action spectrum (non-melanoma skin cancers)	2016	CIE	0
68	DIS 017	ILV: International Lighting Vocabulary		CIE	0

69	DIS 024	Light Emitting Diodes (LEDs) and LED Assemblies û Terms and Definitions	2015	CIE	0
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70	S017	ILV: International Lighting Vocabulary û Supplement 1: Light Emitting Diodes (LEDs) and LED Assemblies û Terms and Definitions	2015	CIE	0
71	170-2	Fundamental Chromaticity Diagram with Physiological Axes û Part 2: Spectral Luminous Efficiency Functions and Chromaticity Diagrams	2015	CIE	0
72	216	28th CIE SESSION	2015	CIE	0
73	025/E	Test Method for LED Lamps, LED Luminaires and LED Modules	2015	CIE	0
74	207	SENSITIVITY OF HUMAN SKIN TO ULTRAVIOLET RADIATION, EXPRESSED AS MINIMAL ERYTHEMA DOSE (MED)	2014	CIE	0
75	208	EFFECT OF STIMULUS SIZE ON COLOUR APPEARANCE	2014	CIE	0
76	19476	Characterization of the performance of illuminance meters and luminance meters - First edition	2014	CIE	0
77	214	Effect of Instrumental Bandpass Function and Measurement Interval on Spectral Quantities	2014	CIE	0
78	212	Guidance towards Best Practice in Psychophysical Procedures Used when Measuring Relative Spatial Brightness	2014	CIE	0
79	X039	PROCEEDINGS of CIE 2014 "Lighting Quality and Energy Efficiencyâ	2014	CIE	0
80	X040	PROCEEDINGS of CIE Expert Symposium on Measurement Uncertainties in Photometry and Radiometry for Industry	2014	CIE	0
81	209	RATIONALIZING NOMENCLATURE FOR UV DOSES AND EFFECTS ON HUMANS	2014	CIE	
82	206	THE EFFECT OF SPECTRAL POWER DISTRIBUTION ON LIGHTING FOR URBAN AND PEDESTRIAN AREAS	2014	CIE	0
83	215	CIE Standard General Sky Guide	2014	CIE	0
84	211	Colour Appearance in Peripheral Vision	2014	CIE	0
85	213	Guide to Protocols for Describing Lighting	2014	CIE	0
86	210	Photometry Using V(\dot{z} »)-Corrected Detectors as Reference and Transfer Standards	2014	CIE	0
87	205	REVIEW OF LIGHTING QUALITY MEASURES FOR INTERIOR LIGHTING WITH LED LIGHTING SYSTEMS	2013	CIE	0
88	204	METHODS FOR RE-DEFINING CIE D ILLUMINANTS	2013	CIE	0
89	X038	PROCEEDINGS of CIE Centenary Conference â_Towards a New Century of Lightâ Includes Addendum 1: June 2013	2013	CIE	0
90	61300-3-38	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures Part 3-38:Examinations and measurements - Group delay, chromatic dispersion and phase ripple	2013	CIE	0
91	S 023	Characterization of the Performance of Illuminance Meters and Luminance Meters	2013	CIE	0
92	S 014-6/E	Colorimetry Part 6: CIEDE2000 Colour-Difference Formula	2013	CIE	0
93	203	A COMPUTERIZED APPROACH TO TRANSMISSION AND ABSORPTION CHARACTERISTICS OF THE HUMAN EYE - Including Erratum 1: 09/2012	2012	CIE	0
94	173	TUBULAR DAYLIGHT GUIDANCE SYSTEMS - Including Erratum 1: 08/2012	2012	CIE	0
95	X037	Proceedings of CIE 2012 Lighting Quality and Energy Efficiency	2012	CIE	
96	195	SPECIFICATION OF COLOUR APPEARANCE FOR REFLECTIVE MEDIA AND SELF-LUMINOUS DISPLAY COMPARISONS	2011	CIE	0
97	196	CIE GUIDE TO INCREASING ACCESSIBILITY IN LIGHT AND LIGHTING	2011	CIE	0
98	S 021/E	Vehicle Headlighting Systems Photometric Performance - Method of Assessment	2011	CIE	0
99	200	CIE SUPPLEMENTARY SYSTEM OF PHOTOMETRY	2011	CIE	0
100	202	SPECTRAL RESPONSIVITY MEASUREMENT OF DETECTORS, RADIOMETERS AND PHOTOMETERS	2011	CIE	0
101	198-SP1.2	DETERMINATION OF MEASUREMENT UNCERTAINTIES IN PHOTOMETRY SUPPLEMENT 1: MODULES AND EXAMPLES FOR THE DETERMINATION OF MEASUREMENT UNCERTAINTIES Part 2: Examples for Models with Individual Inputs		CIE	0

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105	198-SP1.1	DETERMINATION OF MEASUREMENT UNCERTAINTIES IN PHOTOMETRY SUPPLEMENT 1: MODULES AND EXAMPLES FOR THE DETERMINATION OF MEASUREMENT UNCERTAINTIES Part 1: Modules for the Construction of Measurement Equations	2011	CIE	0
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107	197 VOL 1 PART 1	Proceedings of the 27th Session of the CIE Sun City, South Africa, 9-16 July 2011	2011	CIE	
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113	X034	SELECTED PAPERS of the Light and Lighting Conference with Special Emphasis on LEDs and Solid State Lighting	2010	CIE	0
114	188	PERFORMANCE ASSESSMENT METHOD FOR VEHICLE HEADLIGHTING SYSTEMS	2010	CIE	0
115	X035	PROCEEDINGS of CIE 2010 "Lighting Quality and Energy Efficiency" - Including Addendum 1: 3/30/2010	2010	CIE	0
116	189	CALCULATION OF TUNNEL LIGHTING QUALITY CRITERIA	2010	CIE	0
117	162	CHROMATIC ADAPTATION UNDER MIXED ILLUMINATION CONDITION WHEN COMPARING SOFTCOPY AND HARDCOPY IMAGES - Including Erratum 1: 02/18/2010	2010	CIE	0
118	186	UV-A PROTECTION AND SUNSCREENS	2010	CIE	0
119	191	RECOMMENDED SYSTEM FOR MESOPIC PHOTOMETRY BASED ON VISUAL PERFORMANCE	2010	CIE	0
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121	190	CALCULATION AND PRESENTATION OF UNIFIED GLARE RATING TABLES FOR INDOOR LIGHTING LUMINAIRES	2010	CIE	0
122	192	PRACTICAL DAYLIGHT SOURCES FOR COLORIMETRY	2010	CIE	0
123	115	LIGHTING OF ROADS FOR MOTOR AND PEDESTRIAN TRAFFIC - Second Edition	2010	CIE	0
124	187	UV-C PHOTOCARCINOGENESIS RISKS FROM GERMICIDAL LAMPS	2010	CIE	0
125	193	EMERGENCY LIGHTING IN ROAD TUNNELS		CIE	0
126	158	OCULAR LIGHTING EFFECTS ON HUMAN PHYSIOLOGY AND BEHAVIOUR - Including Erratum 1: 01/21/2009	2009	CIE	0
127	S 014-5/E	Colorimetry â Part 5: CIE 1976 L*u*v* Colour space and u, v uniform chromaticity scale diagram - First Edtion	2009	CIE	0
128	185	REAPPRAISAL OF COLOUR MATCHING AND GRASSMANNâ S LAWS	2009	CIE	0
129	184	INDOOR DAYLIGHT ILLUMINANTS	2009	CIE	0
130	121-SP1	THE PHOTOMETRY AND GONIOPHOTOMETRY OF LUMINAIRES SUPPLEMENT 1: LUMINAIRES FOR EMERGENCY LIGHTING	2009	CIE	0
131	X033	PROCEEDINGS of the CIE Expert Symposium on Advances in Photometry and Colorimetry 7-8 July 2008 Hotel Concorde Turin, Italy - CD-ROM INCLUDED	2008	CIE	0
132	183	DEFINITION OF THE CUT-OFF OF VEHICLE HEADLIGHTS	2008	CIE	0
133	S 014-4/E	Colorimetry â Part 4: CIE 1976 L*a*b* Colour space	2007	CIE	0
134	177	COLOUR RENDERING OF WHITE LED LIGHT SOURCES	2007	CIE	0

135	181	HAND PROTECTION BY DISPOSABLE GLOVES AGAINST OCCUPATIONAL UV EXPOSURE	2007	CIE	0
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138	179	METHODS FOR CHARACTERISING TRISTIMULUS COLORIMETERS FOR MEASURING THE COLOUR OF LIGHT	2007	CIE	0
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143	X032	Proceedings of the CIE Expert Symposium VISUAL APPEARANCE 19-20 October 2006, Paris, France	2007	CIE	0
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146	170-1	FUNDAMENTAL CHROMATICITY DIAGRAM WITH PHYSIOLOGICAL AXES PART 1	2006	CIE	0
147	X030	PROCEEDINGS of the ISCC/CIE Expert Symposium 06 75 Years of the CIE Standard Colorimetric Observer - 16 - 17 May 2006 National Research Council of Canada Ottawa, Ontario, Canada; Includes CD-ROM	2006	CIE	0
148	S 014-1/E	Colorimetry â Part 1: CIE standard colorimetric observers	2006	CIE	0
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151	174	ACTION SPECTRUM FOR THE PRODUCTION OF PREVITAMIN D3 IN HUMAN SKIN	2006	CIE	0
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154	S 019/E	Photocarcinogenesis Action Spectrum (Non-Melanoma Skin Cancers) - (E)	2006	CIE	0
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156	175	A FRAMEWORK FOR THE MEASUREMENT OF VISUAL APPEARANCE	2006	CIE	0
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158	X026	PROCEEDINGS of the CIE Symposium 04 LED Light Sources: Physical Measurement and Visual and Photobiological Assessment - Second Edition; CD-ROM INCLUDED	2005	CIE	0
159	166	COGNITIVE COLOUR	2005	CIE	0
160	97	Guide on the Maintenance of Indoor Electric Lighting Systems - Second Edition	2005	CIE	0
161	169	PRACTICAL DESIGN GUIDELINES FOR THE LIGHTING OF SPORT EVENTS FOR COLOUR TELEVISION AND FILMING	2005	CIE	0
162	168	CRITERIA FOR THE EVALUATION OF EXTENDED-GAMUT COLOUR ENCODINGS	2005	CIE	0
163	S 015/E	Lighting of Outdoor Work Places	2005	CIE	0
164	164	HOLLOW LIGHT GUIDE TECHNOLOGY AND APPLICATIONS	2005	CIE	0
165	X028	PROCEEDINGS of the CIE Symposium 05 Vision and Lighting in Mesopic Conditions - CD-ROM INCLUDED	2005	CIE	0
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167	167		2005	CIE	0
168	163	THE EFFECTS OF FLUORESCENCE IN THE CHARACTERIZATION OF IMAGING MEDIA - (B)	2004	CIE	0
169	15	Colorimetry - Third Edition; ***For (SDO) Subscription Customers Only ***	2004	CIE	0
170	88	Guide for the Lighting of Road Tunnels and Underpasses - 2nd Edition (D)	2004	CIE	0
171	S 012/E	Standard method of assessing the spectral quality of daylight simulators for visual appraisal and measurement of colour - (E)	2004	CIE	0

172	157	CONTROL OF DAMAGE TO MUSEUM OBJECTS BY OPTICAL RADIATION - (D)	2004	CIE	0
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195	X019	Proceedings of Three CIE Workshops on Criteria for Road Lighting - Durban, Sourth Africa, 1997; Bath, United Kindgom, 1998; Warsaw, Poland, 1999	2001	CIE	0
196	143	International Recommendations for Colour Vision Requirements for Transport	2001	CIE	0
197	X020	Proceedings of the CIE Expert Symposium 2001 on Uncertainty Evaluation Methods for Analysis of Uncertainties in Optical Radiation Measurement - 23 - 24 January 2001 at the CIE Cental Bureau; Vienna, Austria	2001	CIE	0
198	139	Influence of Daylight and Artificial Light on Diural and Seasonal Variations in Humans. A Bibliography	2001	CIE	0
199	X022	PROCEEDINGS of the 2nd CIE Expert Symposium on LED Measurement Standard methods for specifying and measuring LED and LED cluster characteristics	2001	CIE	0
200	X021	PROCEEDINGS of the CIE Expert Symposium 2000 on Extended Range Colour Spaces	2001	CIE	0
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210	X018	Proceedings of the CIE Symposium 99; 75 Years of CIE Photometry; 30 September - 02 October 1999 at the Hungarian Academy of Sciences; Budapest, Hungary (Table of Contents Only) (E)	1999	CIE	0
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216	51.2	A METHOD FOR ASSESSING THE QUALITY OF DAYLIGHT SIMULATORS FOR COLORIMETRY - Incorporating supplement 1	1999	CIE	0
217	128	Guide to the Lighting for Open-Cast Mines	1998	CIE	0
218	S 007/E	Erythema Reference Action Spectrum and Standard Erythema Dose - ISO 17166: 1999	1998	CIE	0
219	X016	Reference Book Based on Presentation Given by Health and Safety Experts on Optical Radiation Hazards; September 1-3, 1998; Gaithersburg, Maryland, USA (Table of Contents Only) (E)	1998	CIE	0
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223	X015	Proceedings of the First CIE Cymposium on Lighting Quality 9 - 10 May 1998 at the National Research Council Canada Ottowa, Ontario Canada	1998	CIE	0
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226	X012	Proceedings of the NPL - CIE-UK Conference Visual Scales; Photometric and Colorimetric Aspects; 24 - 26 March 1997 at the National Physical Laboratory Teddington, UK	1997	CIE	0
227	124	CIE Collection in Colour and Vision 1997	1997	CIE	0
228	X013	Proceedings of the CIE LED Symposium J 97 on Standard Methods for Specifying and Measuring LED Characteristics; 24 - 25 October 1997 at the CIE Central Bureau Vienna, Austria	1997	CIE	0
229	123	Low Vision Lighting Needs for the Partially Sighted	1997	CIE	0
230	121	The Photometry and Goniophotometry of Luminaires	1996	CIE	0
231	X010	Proceedings of the CIE Expert Symposium — 96 Colour Standards for Image Technology 25 - 27 March 1996 at the CIE Central Bureau Vienna, Austria - Table of Contents Only	1996	CIE	0
232	X011	Special Volume 23rd Session of the CIE New Delhi, November 1-8, 1995 Late Papers - Table of Contents Only	1996	CIE	0
233	122	Technical Report the Relationship Between Digital and Colorimetric Data for Computer-Controlled CRT Displays	1996	CIE	0
234	117	Technical Report Discomfort Glare in Interior Lighting	1995	CIE	0
235	119	23RD Session of the CIE New Delhi November 1-8, 1995 Volume 1 - Table of Contents Only	1995	CIE	0
236	13.3	Method of Measuring and Specifying Colour Rendering Properties of Light Sources (E)	1995	CIE	0
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