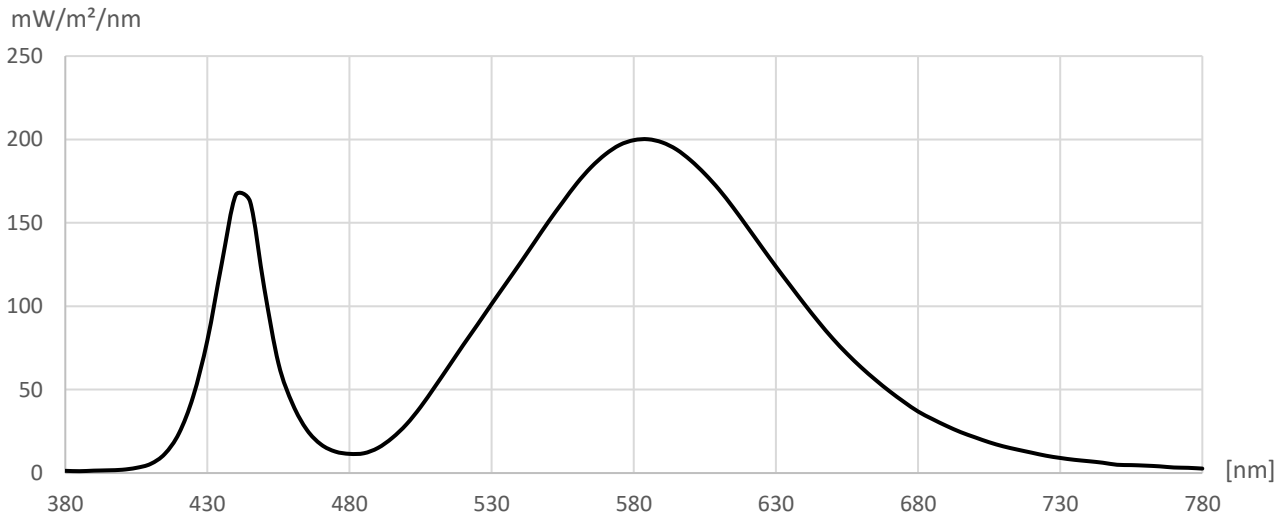


Measurement protocol



Test object: Stairville
 Octagon Theater MKII CW/WW
 warm @ 1m distance

Measurement file: 11-39-56.CSV
 Date of measurement: 15.07.2024
 Time of measurement: 11:39:56



R1 = 59,6	Ra = 63,8	Illuminance	10067,54 lx	CIE1931
R2 = 73,4	Re = 52,3	Ee	28,437 W/m ²	x = 0,4120
R3 = 84,4	GAI = 61,8	LER	354,0 lm/W	y = 0,3883
R4 = 60,0				
R5 = 58,1		correlated color temperature (CCT)	3335 K	CIE1976
R6 = 60,6		Duv	-0,0025	u' = 0,2411
R7 = 74,8		Saturation	40 %	v' = 0,5113
R8 = 39,9				
R9 = -51,9				CIE1960
R10 = 37,6		Dominant wavelength	582 nm	u = 0,2411
R11 = 50,7		Peak wavelength	584 nm	v = 0,3408
R12 = 31,7				
R13 = 61,1		Flicker frequency	1217,4 Hz	TM30
R14 = 90,9		Percent Flicker	f >= 400 Hz %	Rf = 59,7
R15 = 53,7		Flicker index	f >= 400 Hz	Rg = 92,6

[nm]	mW/m ² /nm	[nm]	mW/m ² /nm	[nm]	mW/m ² /nm	[nm]	mW/m ² /nm	[nm]	mW/m ² /nm	[nm]	mW/m ² /nm	[nm]	mW/m ² /nm
380	1,33	440	166,78	500	29,18	560	173,79	620	147,39	680	36,90	740	7,11
385	1,13	445	162,81	505	39,64	565	183,41	625	135,51	685	32,41	745	6,20
390	1,44	450	110,83	510	51,72	570	191,09	630	123,78	690	28,27	750	4,97
395	1,64	455	65,63	515	64,18	575	196,70	635	112,50	695	24,53	755	4,78
400	1,98	460	41,30	520	76,80	580	199,59	640	101,34	700	21,44	760	4,45
405	3,13	465	25,87	525	88,98	585	200,14	645	90,61	705	18,47	765	4,02
410	5,48	470	17,10	530	101,42	590	198,23	650	80,57	710	16,01	770	3,33
415	11,49	475	12,87	535	113,59	595	194,02	655	71,56	715	14,04	775	3,14
420	23,87	480	11,51	540	125,77	600	187,47	660	63,35	720	12,21	780	2,69
425	46,00	485	11,86	545	138,28	605	179,36	665	55,91	725	10,40		
430	79,74	490	15,07	550	150,75	610	169,95	670	49,00	730	9,06		
435	125,28	495	21,05	555	162,46	615	159,08	675	42,70	735	7,94		

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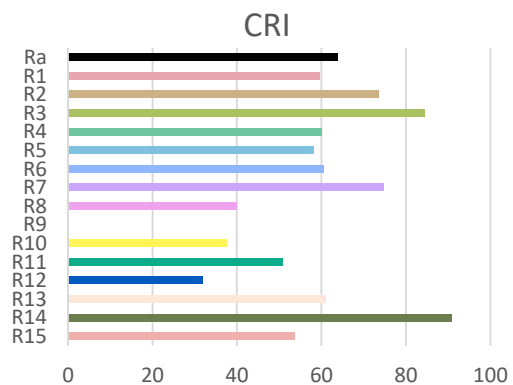
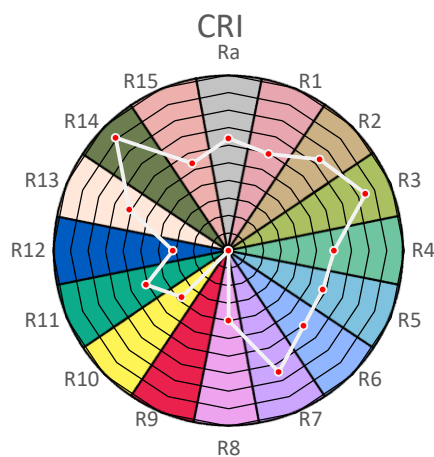
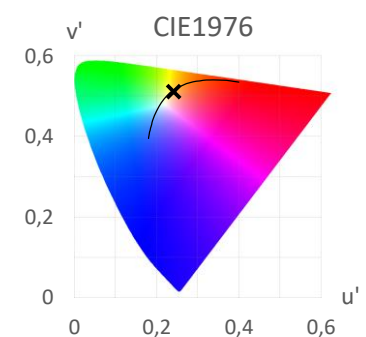
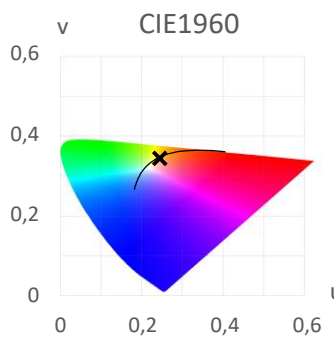
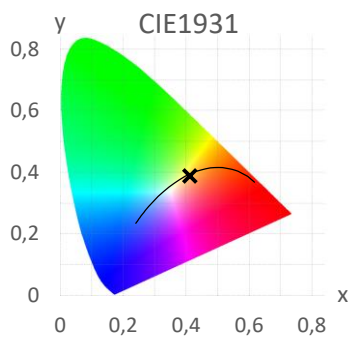
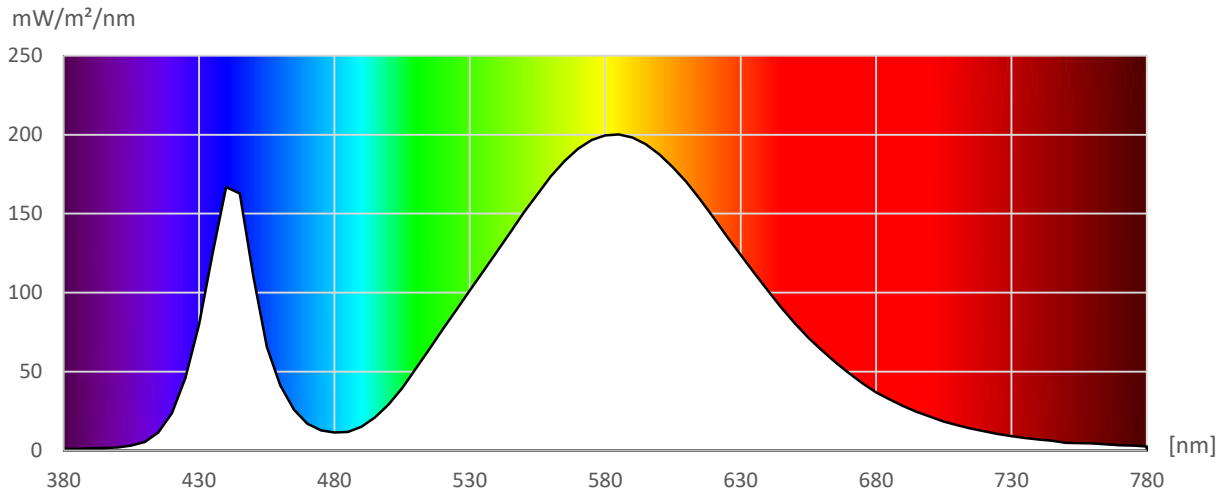
First, last name of inspector

Measurement protocol

th•mann

Test object: Stairville
 Octagon Theater MKII CW/WW
 warm @ 1m distance

Measurement file: 11-39-56.CSV
 Date of measurement: 15.07.2024
 Time of measurement: 11:39:56



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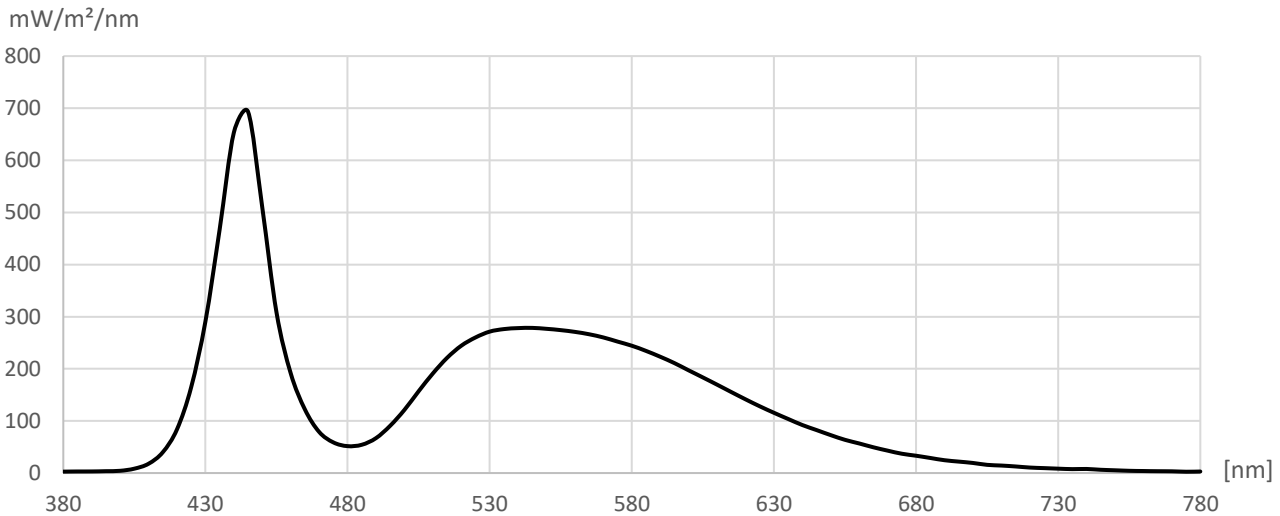
First, last name of inspector

Measurement protocol



Test object: Stairville
 Octagon Theater MKII CW/WW
 cold @ 1m distance

Measurement file: 11-40-29.CSV
 Date of measurement: 15.07.2024
 Time of measurement: 11:40:29



R1 = 70,6	Ra = 69,4	Illuminance	16332,69 lx	CIE1931
R2 = 70,3	Re = 59,3	Ee	53,599 W/m ²	x = 0,2951
R3 = 68,5	GAI = 91,8	LER	304,7 lm/W	y = 0,3057
R4 = 71,9				
R5 = 72,7		correlated color temperature (CCT)	7982 K	CIE1976
R6 = 62,6		Duv	0,0005	u' = 0,1942
R7 = 75,0		Saturation	15,5 %	v' = 0,4526
R8 = 63,2				
R9 = -27,1				CIE1960
R10 = 28,3		Dominant wavelength	478 nm	u = 0,1942
R11 = 74,0		Peak wavelength	442 nm	v = 0,3018
R12 = 43,7				
R13 = 68,6		Flicker frequency	1141,9 Hz	TM30
R14 = 82,2		Percent Flicker	f >= 400 Hz %	Rf = 64,6
R15 = 64,4		Flicker index	f >= 400 Hz	Rg = 95,2

[nm]	mW/m ² /nm	[nm]	mW/m ² /nm	[nm]	mW/m ² /nm	[nm]	mW/m ² /nm	[nm]	mW/m ² /nm	[nm]	mW/m ² /nm	[nm]	mW/m ² /nm
380	2,76	440	653,17	500	121,17	560	270,83	620	141,45	680	33,25	740	7,83
385	3,05	445	693,12	505	156,91	565	266,27	625	128,10	685	28,95	745	6,26
390	3,09	450	509,48	510	191,06	570	260,13	630	115,61	690	24,63	750	5,32
395	3,58	455	308,16	515	220,97	575	252,21	635	103,76	695	21,97	755	4,33
400	4,32	460	191,51	520	244,30	580	244,28	640	92,14	700	19,38	760	3,89
405	8,43	465	122,03	525	260,12	585	234,34	645	82,45	705	15,75	765	3,53
410	17,91	470	78,95	530	271,35	590	223,12	650	72,73	710	14,42	770	3,35
415	39,92	475	58,80	535	276,23	595	210,90	655	63,74	715	12,68	775	2,56
420	83,93	480	51,64	540	278,12	600	197,05	660	56,77	720	10,54	780	2,95
425	164,97	485	54,26	545	278,50	605	183,44	665	49,42	725	9,49		
430	290,96	490	66,99	550	276,75	610	169,56	670	42,99	730	8,43		
435	467,34	495	90,78	555	274,23	615	155,40	675	37,07	735	7,56		

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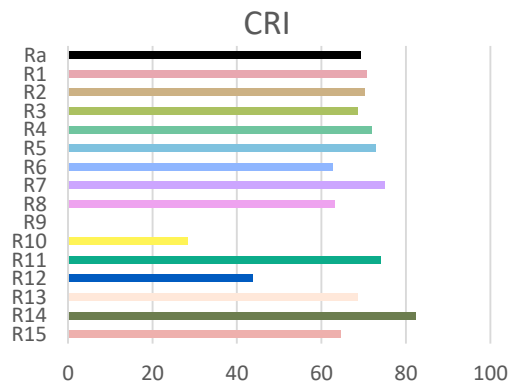
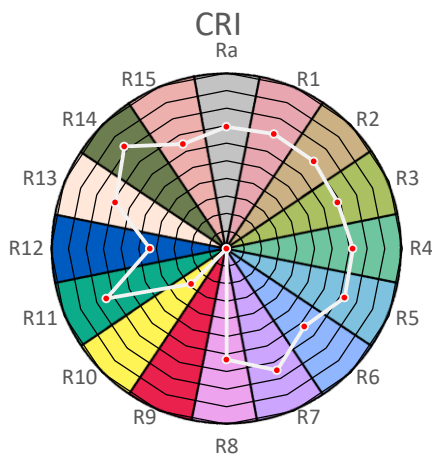
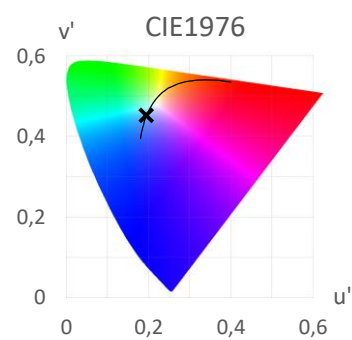
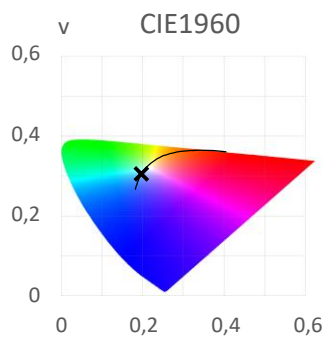
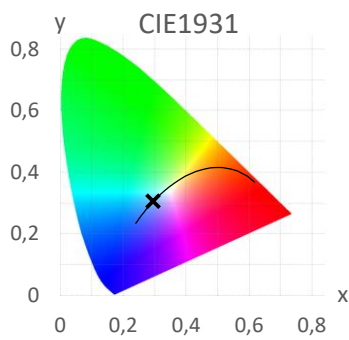
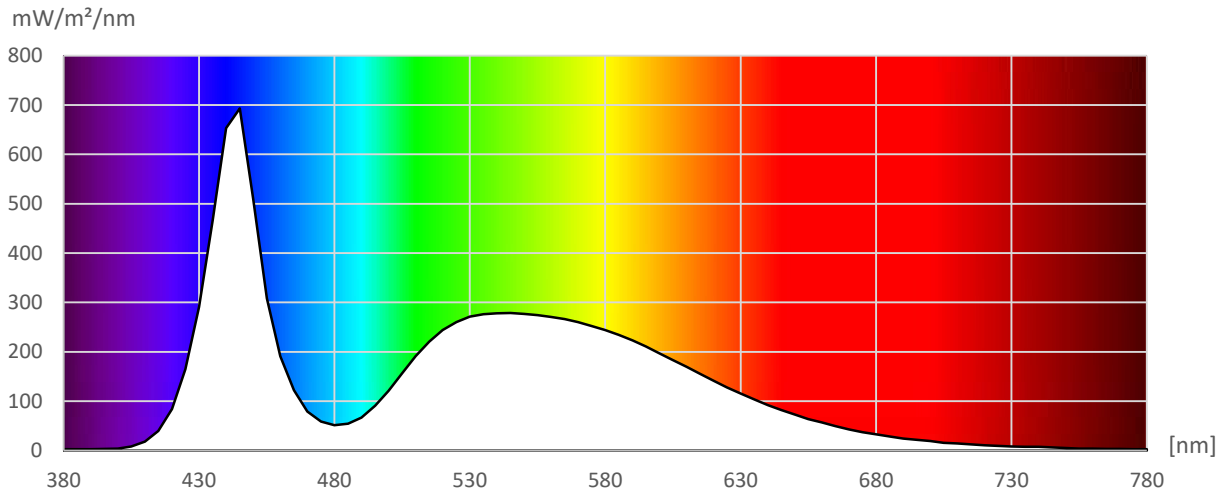
First, last name of inspector

Measurement protocol

th•mann

Test object: Stairville
 Octagon Theater MKII CW/WW
 cold @ 1m distance

Measurement file: 11-40-29.CSV
 Date of measurement: 15.07.2024
 Time of measurement: 11:40:29



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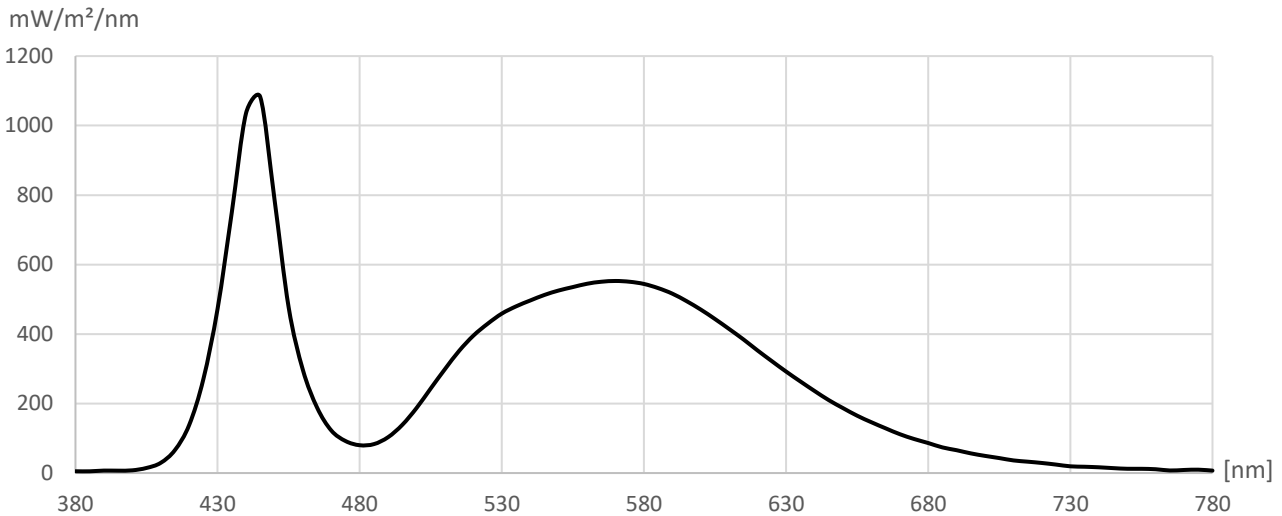
First, last name of inspector

Measurement protocol



Test object: Stairville
 Octagon Theater MKII CW/WW
 full @ 1m distance

Measurement file: 11-40-56.CSV
 Date of measurement: 15.07.2024
 Time of measurement: 11:40:56



R1 = 71,1	Ra = 70,5	Illuminance	32415,82 lx	CIE1931
R2 = 73,7	Re = 61,0	Ee	101,628 W/m ²	x = 0,3305
R3 = 74,1	GAI = 89,5	LER	319,0 lm/W	y = 0,3287
R4 = 72,8				
R5 = 72,2		correlated color temperature (CCT)	5587 K	CIE1976
R6 = 64,4		Duv	-0,0056	u' = 0,2104
R7 = 75,8		Saturation	1,5 %	v' = 0,4708
R8 = 59,8				
R9 = -23,7				CIE1960
R10 = 36,4		Dominant wavelength	447 nm	u = 0,2104
R11 = 72,8		Peak wavelength	442 nm	v = 0,3139
R12 = 45,4				
R13 = 69,9		Flicker frequency	1218,9 Hz	TM30
R14 = 85,0		Percent Flicker	f >= 400 Hz %	Rf = 63,6
R15 = 65,9		Flicker index	f >= 400 Hz	Rg = 97,3

[nm]	mW/m ² /nm	[nm]	mW/m ² /nm	[nm]	mW/m ² /nm	[nm]	mW/m ² /nm	[nm]	mW/m ² /nm	[nm]	mW/m ² /nm	[nm]	mW/m ² /nm
380	5,18	440	1035,29	500	187,29	560	544,84	620	352,50	680	86,38	740	16,58
385	5,05	445	1082,42	505	243,74	565	550,58	625	321,96	685	73,82	745	14,20
390	7,11	450	788,72	510	299,31	570	552,80	630	292,02	690	65,73	750	12,31
395	6,83	455	476,73	515	351,94	575	550,53	635	263,75	695	56,59	755	12,23
400	7,90	460	297,03	520	395,60	580	544,19	640	236,21	700	49,43	760	11,01
405	14,66	465	188,40	525	429,68	585	532,22	645	209,92	705	43,11	765	7,40
410	29,45	470	122,51	530	458,94	590	516,18	650	186,96	710	36,37	770	8,87
415	66,17	475	92,17	535	479,70	595	494,66	655	165,05	715	32,76	775	9,68
420	138,28	480	80,07	540	496,72	600	470,33	660	146,23	720	29,01	780	7,00
425	270,38	485	83,28	545	512,62	605	443,18	665	128,73	725	24,34		
430	472,89	490	103,39	550	525,39	610	414,33	670	111,85	730	19,39		
435	750,48	495	138,92	555	535,30	615	384,52	675	98,08	735	18,18		

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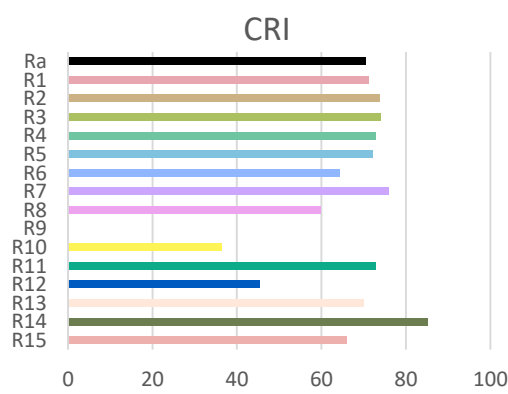
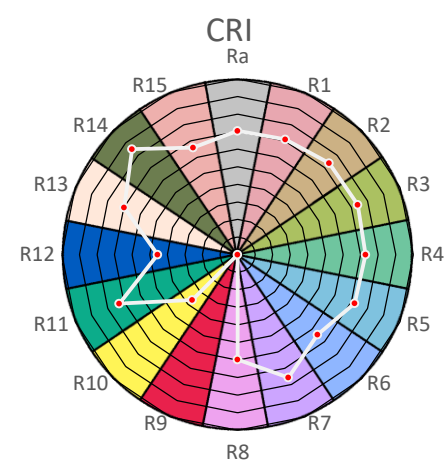
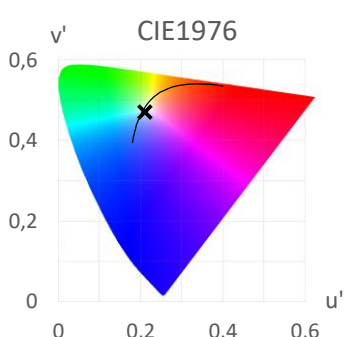
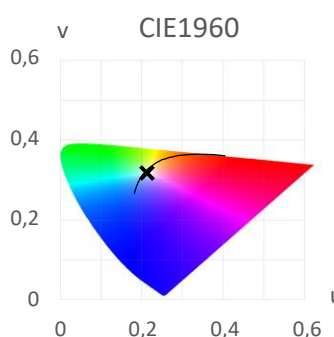
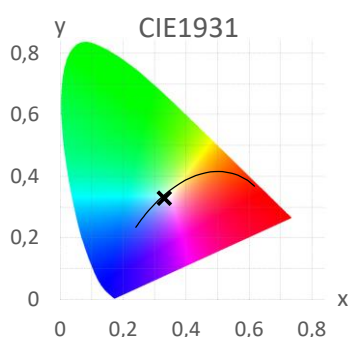
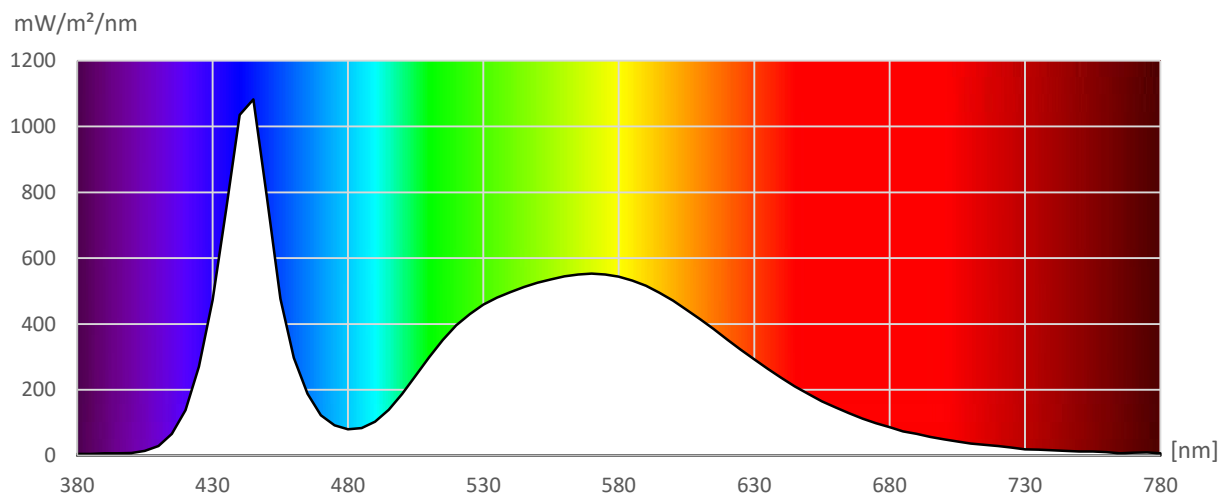
First, last name of inspector

Measurement protocol



Test object: Stairville
 Octagon Theater MKII CW/WW
 full @ 1m distance

Measurement file: 11-40-56.CSV
 Date of measurement: 15.07.2024
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Burgebrach, 15.07.2024

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