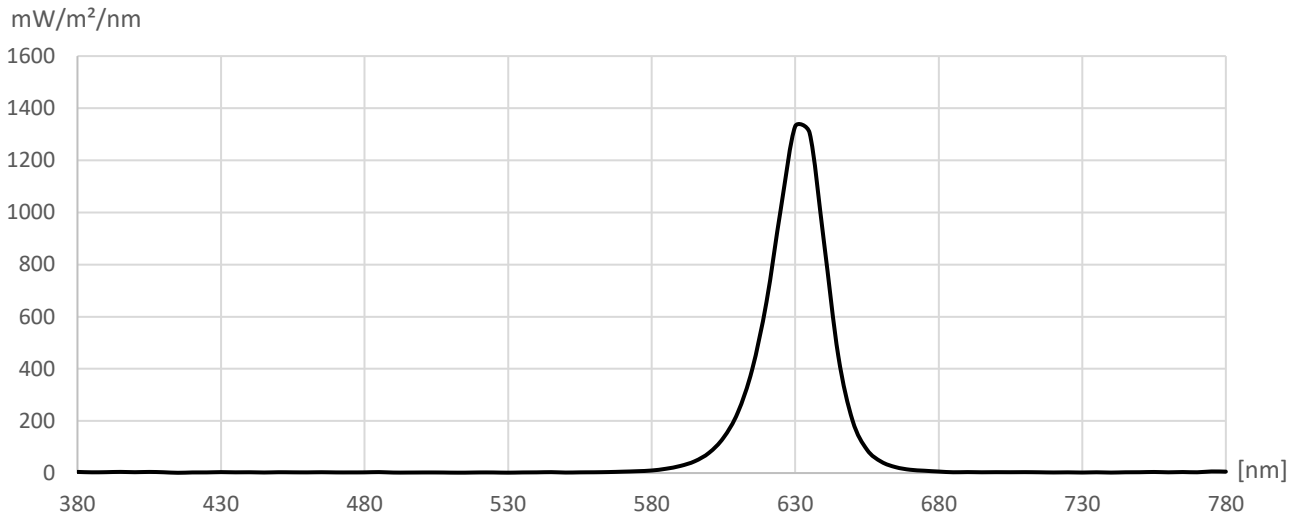


Measurement protocol



Test object: Varytec
 Hero Wash 712 Z RGBW Zoom #449222
 RED @ 1m distance - Zoom closed

Measurement file: 10-14-23.CSV
 Date of measurement: 20.10.2023
 Time of measurement: 10:14:23



R1 = -	Ra = -	Illuminance	6843,86 lx	CIE1931
R2 = -	Re = -	Ee	35,773 W/m ²	x = 0,6860
R3 = -	GAI = -	LER	191,3 lm/W	y = 0,3048
R4 = -				
R5 = -		correlated color temperature (CCT)	< 1600 K	CIE1976
R6 = -		Duv	-	u' = 0,5191
R7 = -				v' = 0,5190
R8 = -		Saturation	97,4 %	
R9 = -				CIE1960
R10 = -		Dominant wavelength	627 nm	u = 0,5191
R11 = -		Peak wavelength	632 nm	v = 0,3460
R12 = -				
R13 = -		Flicker frequency	% < 1.0 Hz	TM30
R14 = -		Percent Flicker	< 1.0 %	Rf = -
R15 = -		Flicker index	% < 1.0	Rg = -

[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	4,31	440	3,17	500	2,28	560	3,06	620	656,69	680	5,77	740	1,91
385	2,95	445	2,20	505	2,34	565	3,86	625	1014,81	685	3,13	745	3,04
390	3,42	450	3,26	510	1,72	570	5,33	630	1330,63	690	3,70	750	3,21
395	4,49	455	2,85	515	1,63	575	7,07	635	1305,76	695	3,05	755	4,19
400	3,34	460	2,64	520	2,44	580	9,75	640	887,94	700	3,43	760	2,94
405	4,39	465	3,21	525	2,25	585	16,56	645	449,83	705	3,19	765	3,91
410	3,11	470	2,51	530	1,44	590	27,28	650	200,63	710	3,49	770	2,98
415	1,02	475	2,47	535	2,38	595	45,20	655	89,56	715	2,99	775	6,17
420	2,40	480	2,71	540	2,74	600	77,75	660	43,42	720	2,28	780	5,32
425	2,48	485	3,72	545	3,55	605	135,18	665	22,61	725	2,81		
430	3,61	490	1,94	550	2,04	610	231,96	670	12,75	730	2,04		
435	2,77	495	1,98	555	2,71	615	397,06	675	8,91	735	3,04		

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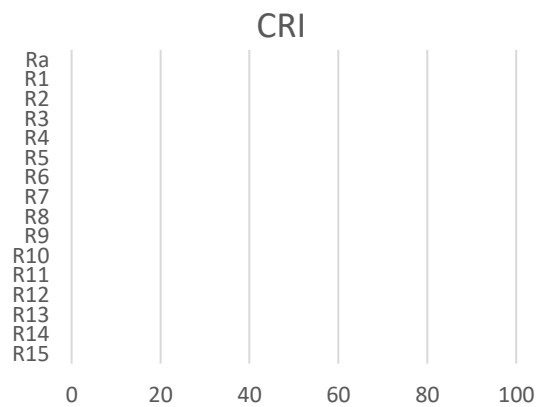
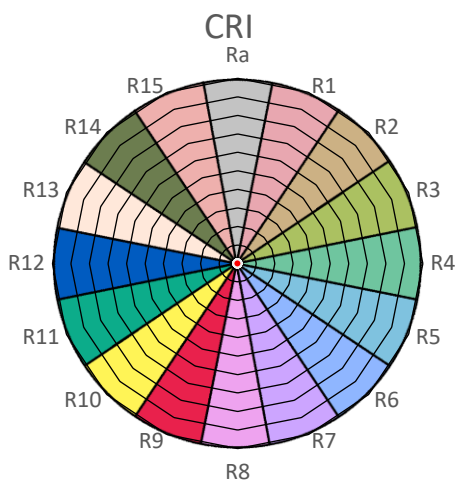
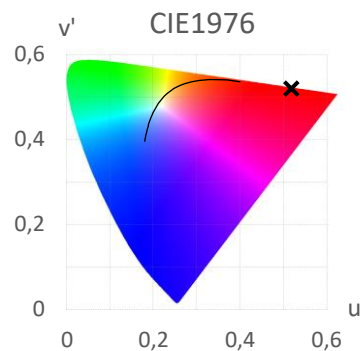
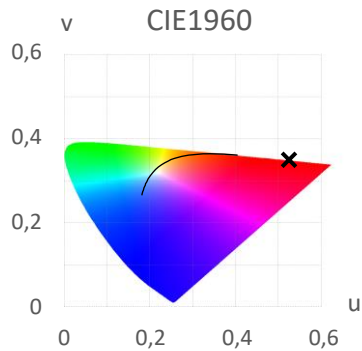
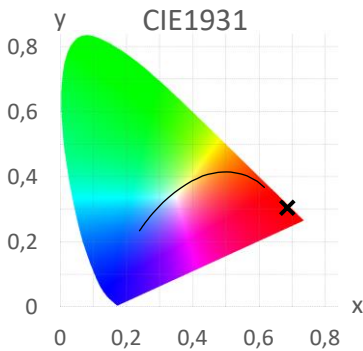
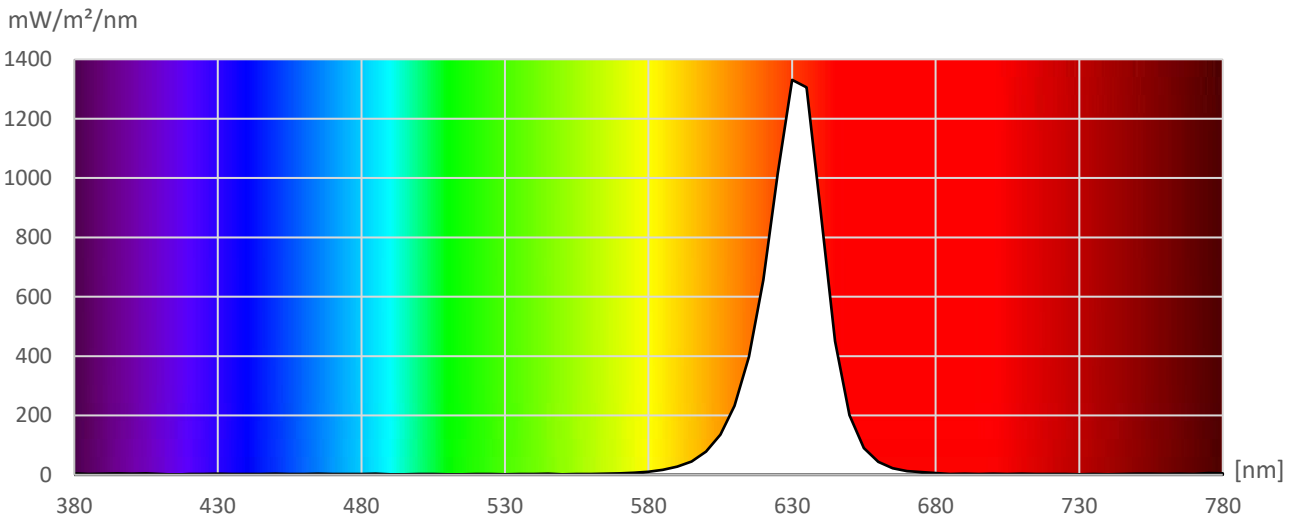
First, last name of inspector

Measurement protocol



Test object: Varytec
 Hero Wash 712 Z RGBW Zoom #449222
 RED @ 1m distance - Zoom closed

Measurement file: 10-14-23.CSV
 Date of measurement: 20.10.2023
 Time of measurement: 10:14:23

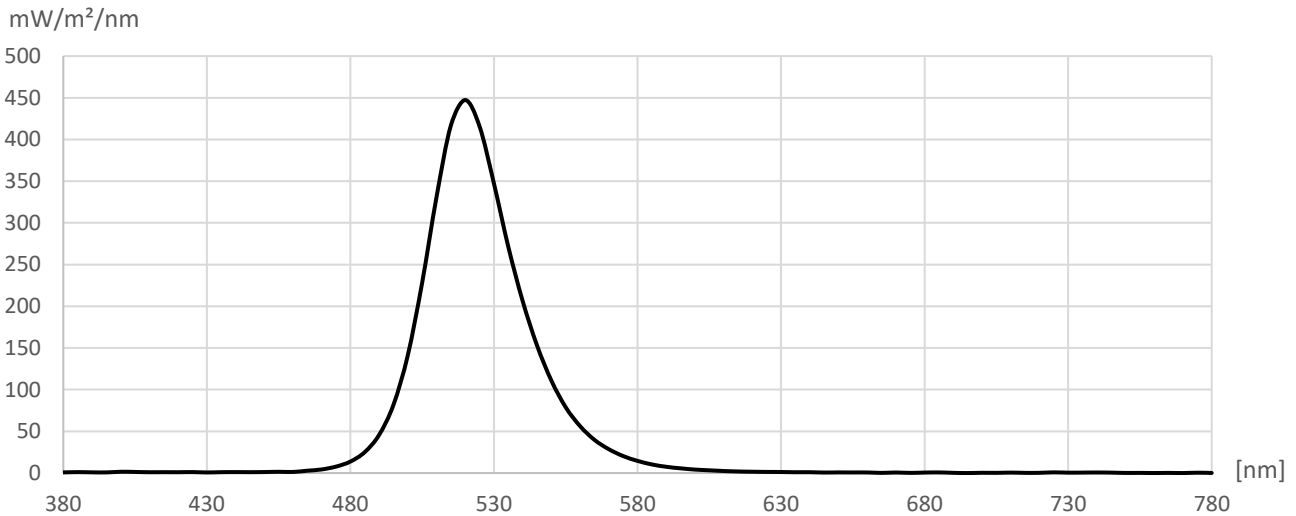


Measurement protocol



Test object: Varytec
 Hero Wash 712 Z RGBW Zoom #449222
 GREEN @ 1m distance - Zoom closed

Measurement file: 10-15-06.CSV
 Date of measurement: 20.10.2023
 Time of measurement: 10:15:06



R1 = -35,2	Ra = -22,6	Illuminance	8595,25 lx	CIE1931
R2 = -7,1	Re = -53,3	Ee	17,805 W/m ²	x = 0,1663
R3 = -18,8	GAI = 0,7	LER	482,7 lm/W	y = 0,7223
R4 = -61,7				
R5 = -9,2		correlated color temperature (CCT)	7892 K	CIE1976
R6 = -14,6		Duv	0,1587	u' = 0,0587
R7 = -3,3				v' = 0,5735
R8 = -30,7		Saturation	77,4 %	
R9 = #####				CIE1960
R10 = #####		Dominant wavelength	523 nm	u = 0,0587
R11 = -91,2		Peak wavelength	519 nm	v = 0,3823
R12 = -30,8				
R13 = -40,4		Flicker frequency	% < 1.0 Hz	TM30
R14 = 40,9		Percent Flicker	< 1.0 %	Rf = 0,9
R15 = -38,4		Flicker index	% < 1.0	Rg = 9,4

[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	0,78	440	1,17	500	141,33	560	56,26	620	1,57	680	0,58	740	0,69
385	1,13	445	1,08	505	228,39	565	39,84	625	1,37	685	0,76	745	0,52
390	0,87	450	1,22	510	330,97	570	28,60	630	1,25	690	0,28	750	0,15
395	0,77	455	1,52	515	416,80	575	20,39	635	1,00	695	0,00	755	0,20
400	1,55	460	1,32	520	447,31	580	14,61	640	1,04	700	0,32	760	0,04
405	1,32	465	2,82	525	415,56	585	10,36	645	0,62	705	0,22	765	0,20
410	1,00	470	4,34	530	347,16	590	7,53	650	0,78	710	0,56	770	0,00
415	1,08	475	7,75	535	271,38	595	5,67	655	0,71	715	0,24	775	0,44
420	1,01	480	13,79	540	206,32	600	4,18	660	0,73	720	0,28	780	0,12
425	1,17	485	25,11	545	153,09	605	3,32	665	0,21	725	0,84		
430	0,73	490	45,75	550	110,92	610	2,45	670	0,65	730	0,47		
435	1,06	495	81,87	555	78,89	615	1,90	675	0,20	735	0,56		

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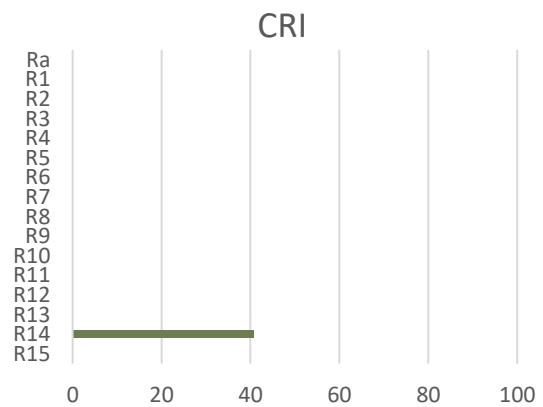
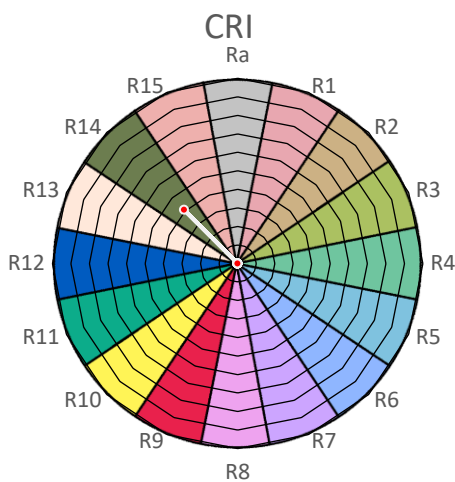
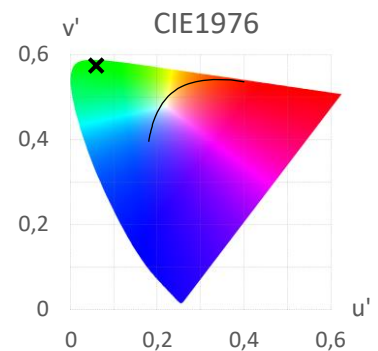
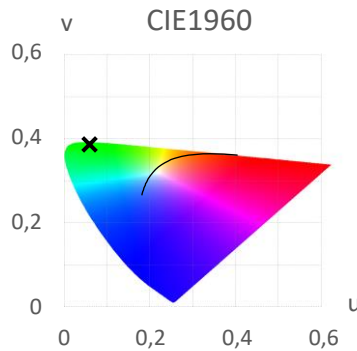
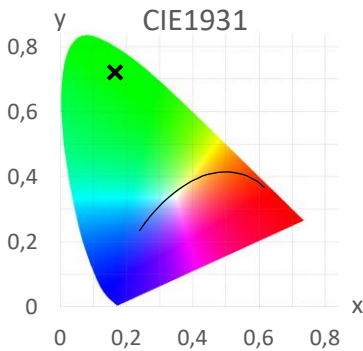
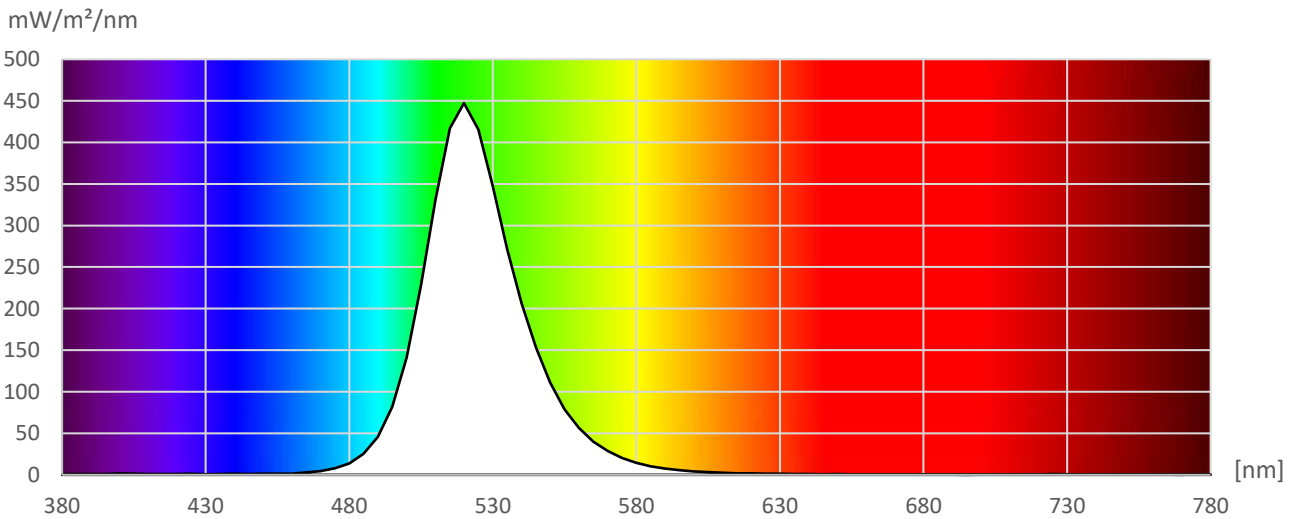
First, last name of inspector

Measurement protocol



Test object: Varytec
 Hero Wash 712 Z RGBW Zoom #449222
 GREEN @ 1m distance - Zoom closed

Measurement file: 10-15-06.CSV
 Date of measurement: 20.10.2023
 Time of measurement: 10:15:06



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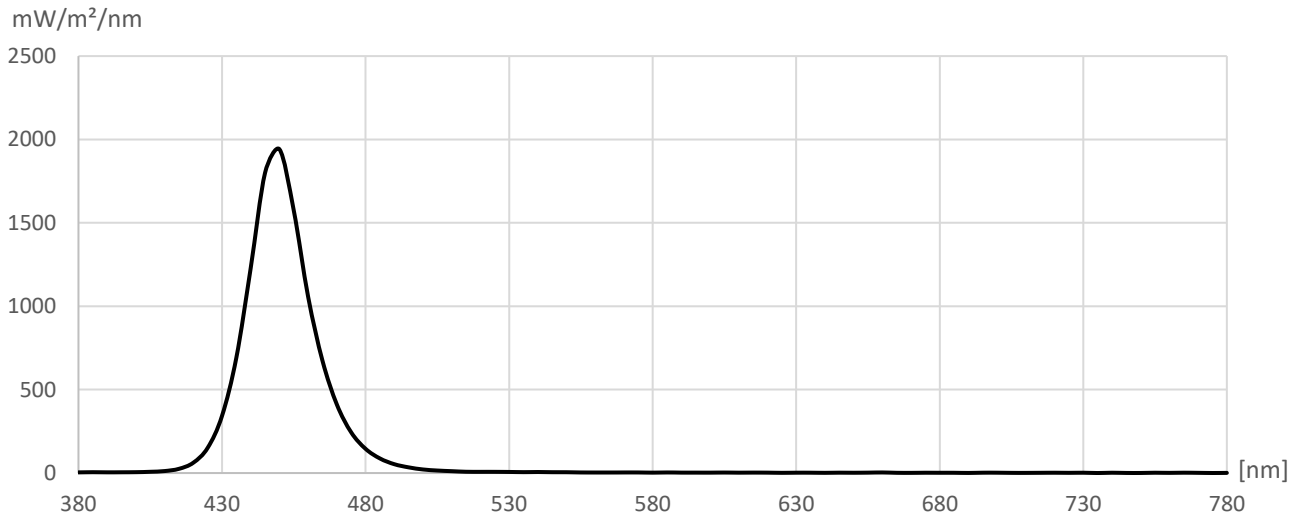
First, last name of inspector

Measurement protocol



Test object: Varytec
 Hero Wash 712 Z RGBW Zoom #449222
 BLUE @ 1m distance - Zoom closed

Measurement file: 10-15-43.CSV
 Date of measurement: 20.10.2023
 Time of measurement: 10:15:43



R1 = -	Ra = -	Illuminance	1980,39 lx	CIE1931
R2 = -	Re = -	Ee	53,794 W/m ²	x = 0,1547
R3 = -	GAI = -	LER	36,8 lm/W	y = 0,0276
R4 = -				
R5 = -		correlated color temperature (CCT)	> 50000 K	CIE1976
R6 = -		Duv	-	u' = 0,2047
R7 = -				v' = 0,0821
R8 = -		Saturation	98 %	
R9 = -				CIE1960
R10 = -		Dominant wavelength	439 nm	u = 0,2047
R11 = -		Peak wavelength	449 nm	v = 0,0547
R12 = -				
R13 = -		Flicker frequency	0 Hz	TM30
R14 = -		Percent Flicker	1 %	Rf = -
R15 = -		Flicker index	0,002	Rg = -

[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	4,12	440	1229,54	500	21,52	560	3,31	620	2,43	680	1,70	740	1,96
385	5,13	445	1800,36	505	15,10	565	3,28	625	1,41	685	1,70	745	0,66
390	4,34	450	1941,49	510	11,29	570	3,53	630	2,17	690	0,69	750	0,56
395	4,77	455	1574,03	515	7,80	575	3,64	635	2,14	695	2,18	755	1,93
400	5,27	460	1056,87	520	7,34	580	2,48	640	1,42	700	2,20	760	1,14
405	7,56	465	673,27	525	7,29	585	3,66	645	2,30	705	1,13	765	2,21
410	11,93	470	411,26	530	6,70	590	2,70	650	1,91	710	1,09	770	1,30
415	25,36	475	243,82	535	5,47	595	2,63	655	2,50	715	1,44	775	0,43
420	61,89	480	145,22	540	6,26	600	2,47	660	3,56	720	2,00	780	0,99
425	151,04	485	87,59	545	5,19	605	3,12	665	1,59	725	1,32		
430	342,58	490	53,24	550	4,96	610	2,39	670	1,12	730	1,99		
435	692,10	495	34,15	555	3,60	615	2,75	675	1,96	735	0,28		

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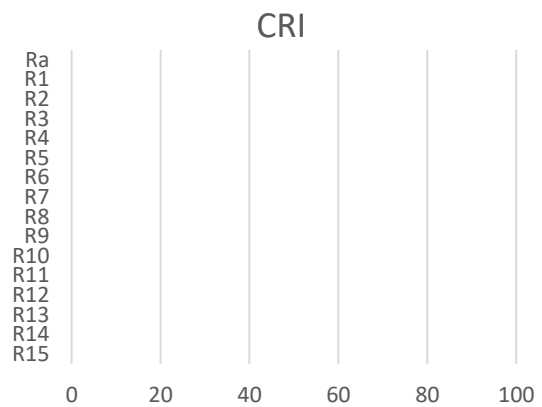
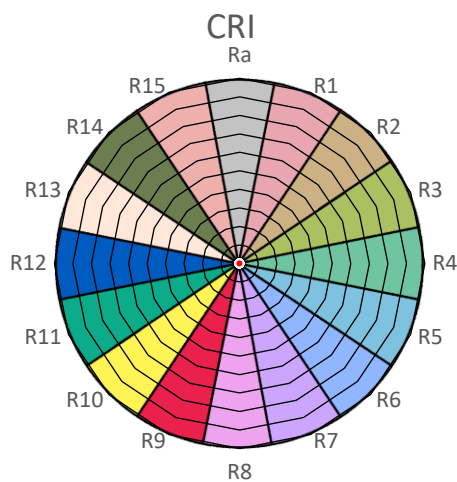
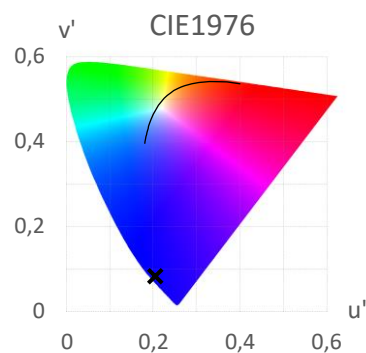
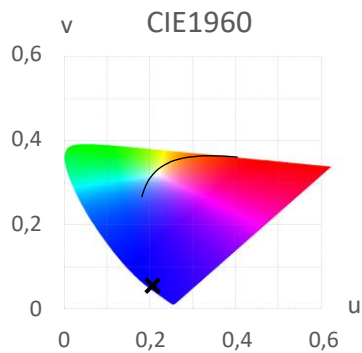
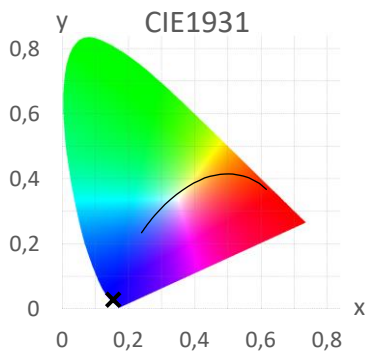
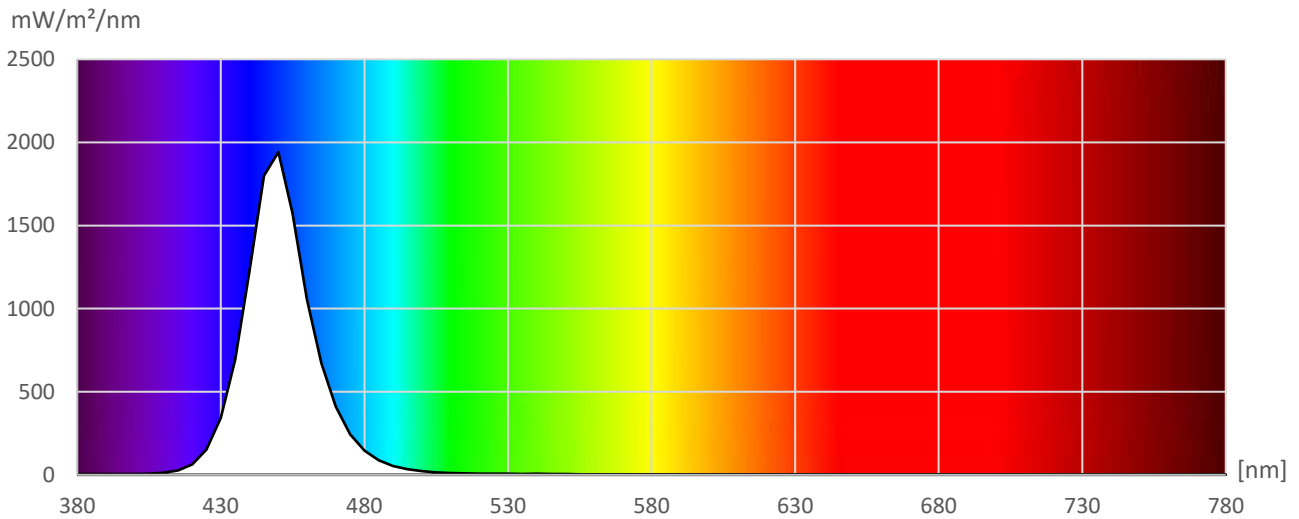
First, last name of inspector

Measurement protocol



Test object: Varytec
 Hero Wash 712 Z RGBW Zoom #449222
 BLUE @ 1m distance - Zoom closed

Measurement file: 10-15-43.CSV
 Date of measurement: 20.10.2023
 Time of measurement: 10:15:43



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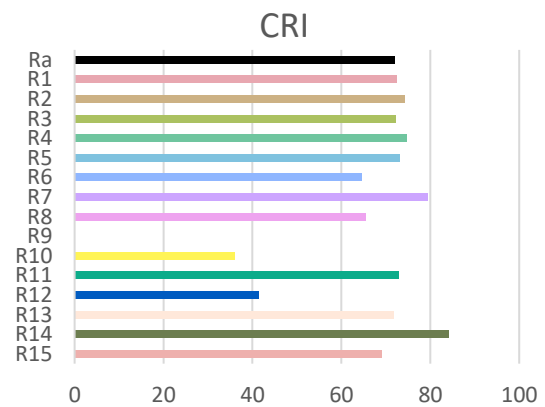
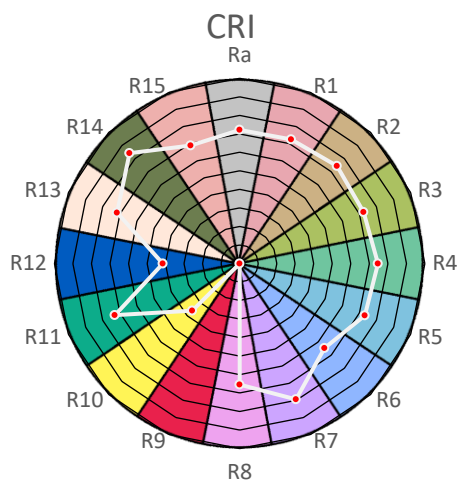
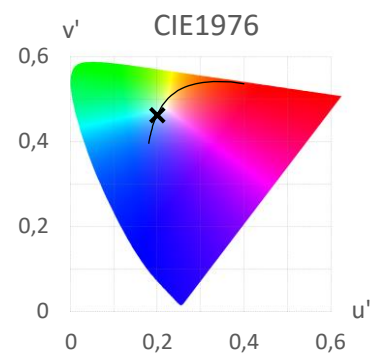
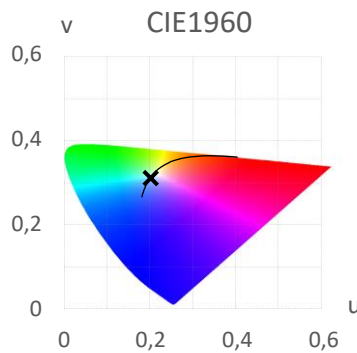
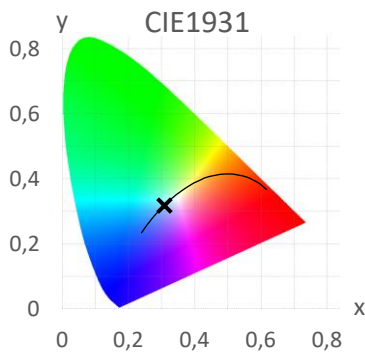
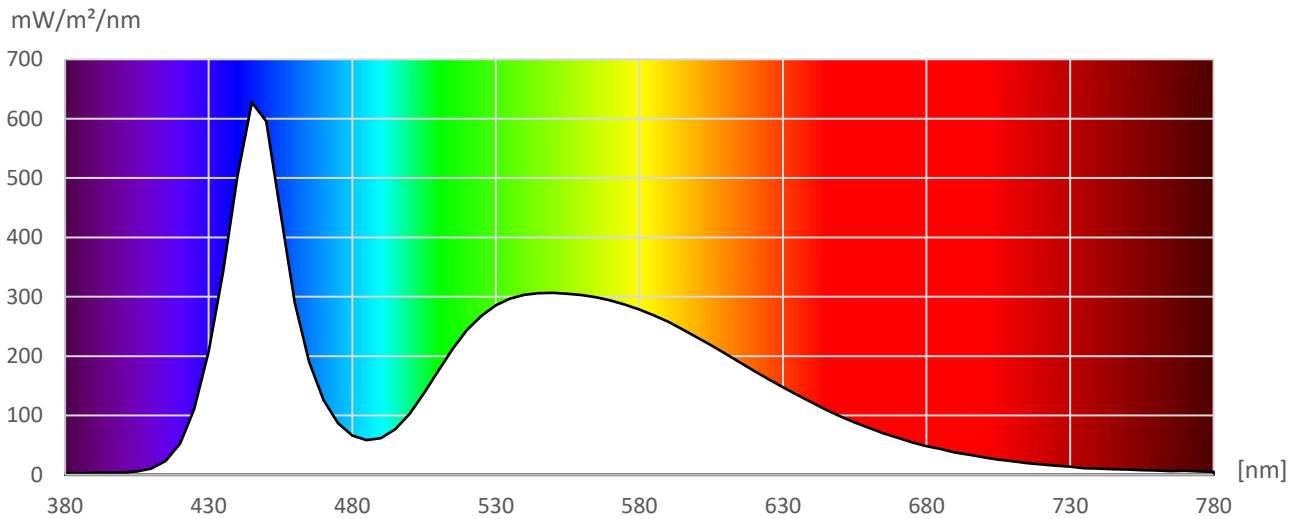
First, last name of inspector

Measurement protocol



Test object: Varytec
 Hero Wash 712 Z RGBW Zoom #449222
 WHITE @ 1m distance - Zoom closed

Measurement file: 10-16-14.CSV
 Date of measurement: 20.10.2023
 Time of measurement: 10:16:14

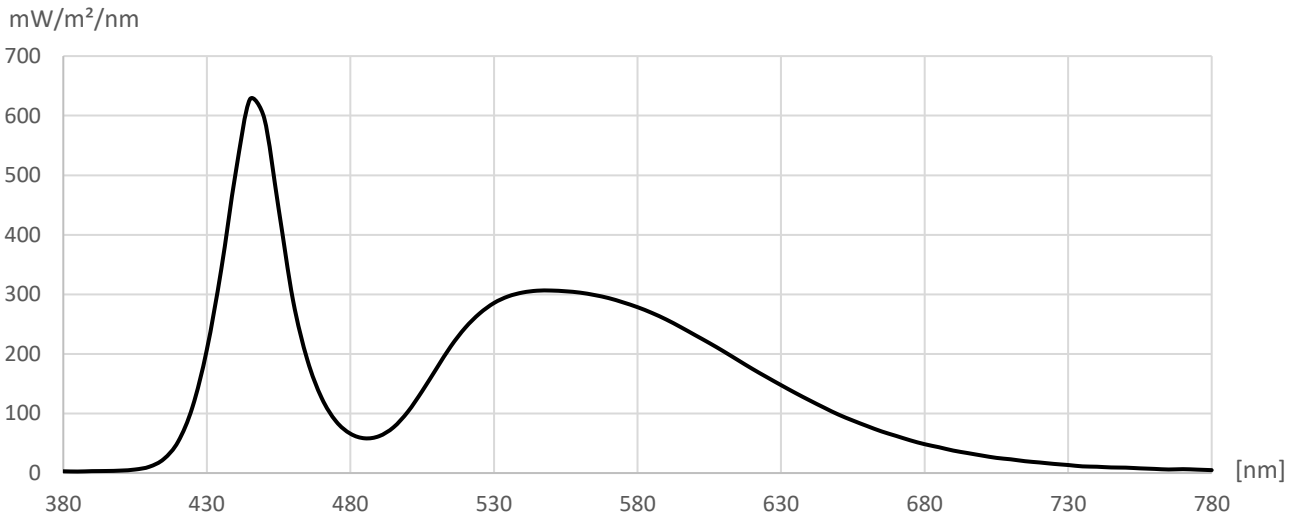


Measurement protocol



Test object: Varytec
 Hero Wash 712 Z RGBW Zoom #449222
 WHITE @ 1m distance - Zoom closed

Measurement file: 10-16-14.CSV
 Date of measurement: 20.10.2023
 Time of measurement: 10:16:14



R1 = 72,6	Ra = 72,1	Illuminance	18060,34 lx	CIE1931
R2 = 74,4	Re = 62,5	Ee	58,015 W/m ²	x = 0,3097
R3 = 72,3	GAI = 90,4	LER	311,3 lm/W	y = 0,3176
R4 = 74,7				
R5 = 73,2		correlated color temperature (CCT)	6783 K	CIE1976
R6 = 64,7		Duv	-0,0012	u' = 0,2001
R7 = 79,5		Saturation	9,4 %	v' = 0,4616
R8 = 65,5				
R9 = -14,7				CIE1960
R10 = 36,1		Dominant wavelength	479 nm	u = 0,2001
R11 = 72,9		Peak wavelength	447 nm	v = 0,3078
R12 = 41,5				
R13 = 71,7		Flicker frequency	% < 1.0 Hz	TM30
R14 = 84,1		Percent Flicker	< 1.0 %	Rf = 67,0
R15 = 69,0		Flicker index	% < 1.0	Rg = 95,8

[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	2,97	440	502,89	500	102,83	560	302,91	620	174,92	680	48,45	740	10,63
385	2,57	445	627,35	505	137,53	565	298,87	625	161,12	685	43,34	745	9,41
390	3,22	450	595,65	510	175,56	570	293,68	630	147,60	690	37,73	750	9,09
395	3,46	455	443,96	515	212,91	575	286,51	635	134,45	695	33,57	755	7,92
400	4,12	460	290,49	520	243,92	580	278,48	640	121,89	700	29,41	760	7,01
405	5,91	465	190,21	525	267,88	585	268,88	645	109,80	705	25,50	765	5,98
410	10,63	470	125,99	530	285,45	590	257,81	650	98,17	710	23,06	770	6,56
415	23,55	475	86,85	535	296,65	595	245,14	655	88,18	715	19,90	775	5,76
420	52,76	480	66,07	540	303,09	600	231,74	660	78,88	720	17,78	780	4,90
425	110,85	485	58,32	545	306,10	605	218,34	665	69,93	725	15,38		
430	207,05	490	61,96	550	306,41	610	204,28	670	62,50	730	13,48		
435	341,27	495	76,72	555	305,14	615	189,54	675	54,96	735	11,23		

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