

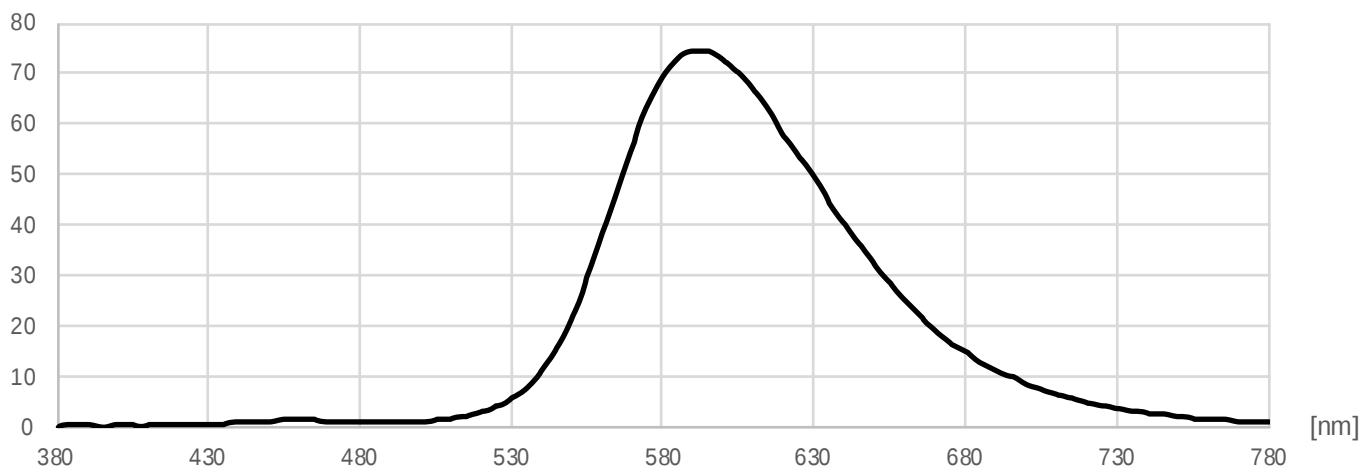
Measurement protocol

GOSSEN

Test object: Manufacturer
Type
Model

Measurement file: M_000001.CSV
Date of measurement: 24.10.2025
Time of measurement: 17:54:31

mW/m²/nm



R1 = 31.9	Ra = 41.5
R2 = 66.5	Re = 26.9
R3 = 86.3	GAI = 4.2
R4 = 17.3	
R5 = 24.3	TLCI = 20.0
R6 = 48.4	
R7 = 59.8	PPFD
R8 = -2.4	[μmol/m ² s]
R9 = -106.5	34.64
R10 = 33.8	
R11 = -10.4	
R12 = 1.7	
R13 = 34.8	
R14 = 91.5	
R15 = 26.9	

Illuminance	2'603.50 lx
Ee	7.145 W/m ²
LER	364.4 lm/W
Correlated Color Temperature (CCT)	1'925 K
Duv	0.0075
Saturation	95.70 %
Dominant wavelength	587 nm
Peak wavelength	591 nm
Flicker frequency	0.000 Hz
Percent Flicker	1.100 %
Flicker index	0.002

CIE1931
x = 0.5519
y = 0.4337
CIE1976
u' = 0.3109
v' = 0.5497
CIE1960
u = 0.3109
v = 0.3665
TM30
Rf = -
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	0.27	440	0.98	500	1.19	560	38.46	620	57.91	680	14.68	740	2.89
385	0.41	445	1.09	505	1.39	565	47.67	625	53.66	685	12.87	745	2.53
390	0.47	450	1.26	510	1.82	570	56.57	630	49.03	690	11.26	750	2.26
395	0.20	455	1.52	515	2.32	575	64.09	635	44.40	695	9.87	755	1.85
400	0.51	460	1.54	520	3.01	580	69.66	640	40.06	700	8.57	760	1.48
405	0.31	465	1.41	525	4.07	585	73.32	645	35.93	705	7.44	765	1.42
410	0.29	470	1.14	530	5.59	590	74.65	650	32.07	710	6.41	770	1.27
415	0.35	475	1.15	535	7.96	595	74.46	655	28.41	715	5.60	775	1.13
420	0.49	480	1.00	540	11.21	600	72.65	660	24.99	720	4.89	780	0.95
425	0.53	485	0.98	545	15.82	605	70.13	665	21.87	725	4.27		
430	0.50	490	1.11	550	21.99	610	66.76	670	19.08	730	3.73		
435	0.75	495	1.11	555	29.69	615	62.45	675	16.68	735	3.22		

Company
Address
ZIP City

Test location, Date

First, last name of inspector

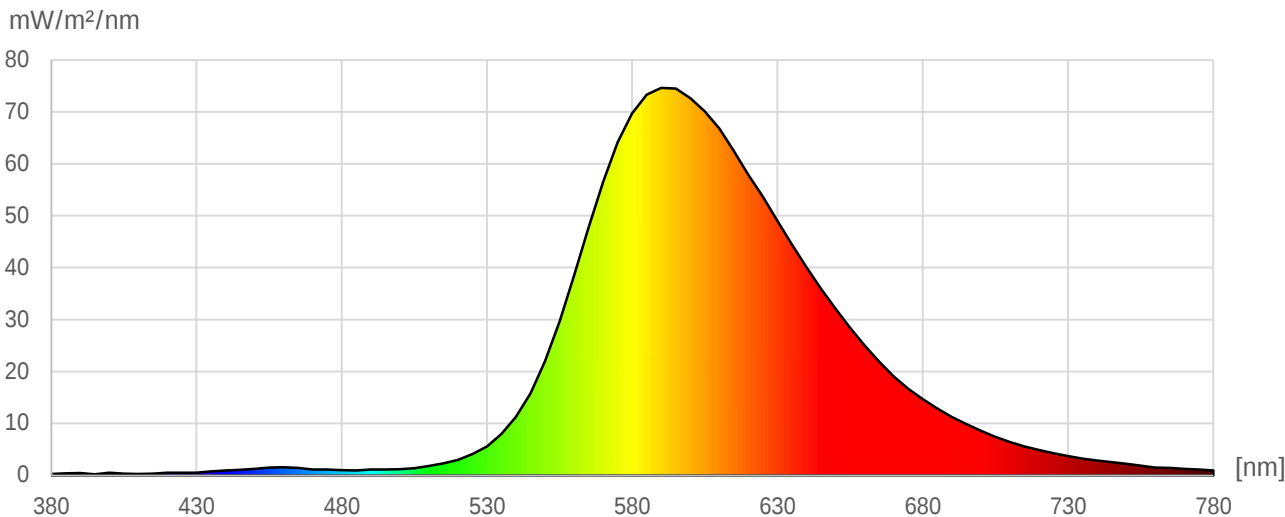
Phone number

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[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	0.27	535	7.96	690	11.26								
385	0.41	540	11.21	695	9.87								
390	0.47	545	15.82	700	8.57								
395	0.20	550	21.99	705	7.44								
400	0.51	555	29.69	710	6.41								
405	0.31	560	38.46	715	5.60								
410	0.29	565	47.67	720	4.89								
415	0.35	570	56.57	725	4.27								
420	0.49	575	64.09	730	3.73								
425	0.53	580	69.66	735	3.22								
430	0.50	585	73.32	740	2.89								
435	0.75	590	74.65	745	2.53								
440	0.98	595	74.46	750	2.26								
445	1.09	600	72.65	755	1.85								
450	1.26	605	70.13	760	1.48								
455	1.52	610	66.76	765	1.42								
460	1.54	615	62.45	770	1.27								
465	1.41	620	57.91	775	1.13								
470	1.14	625	53.66	780	0.95								
475	1.15	630	49.03										
480	1.00	635	44.40										
485	0.98	640	40.06										
490	1.11	645	35.93										
495	1.11	650	32.07										
500	1.19	655	28.41										
505	1.39	660	24.99										
510	1.82	665	21.87										
515	2.32	670	19.08										
520	3.01	675	16.68										
525	4.07	680	14.68										
530	5.59	685	12.87										

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