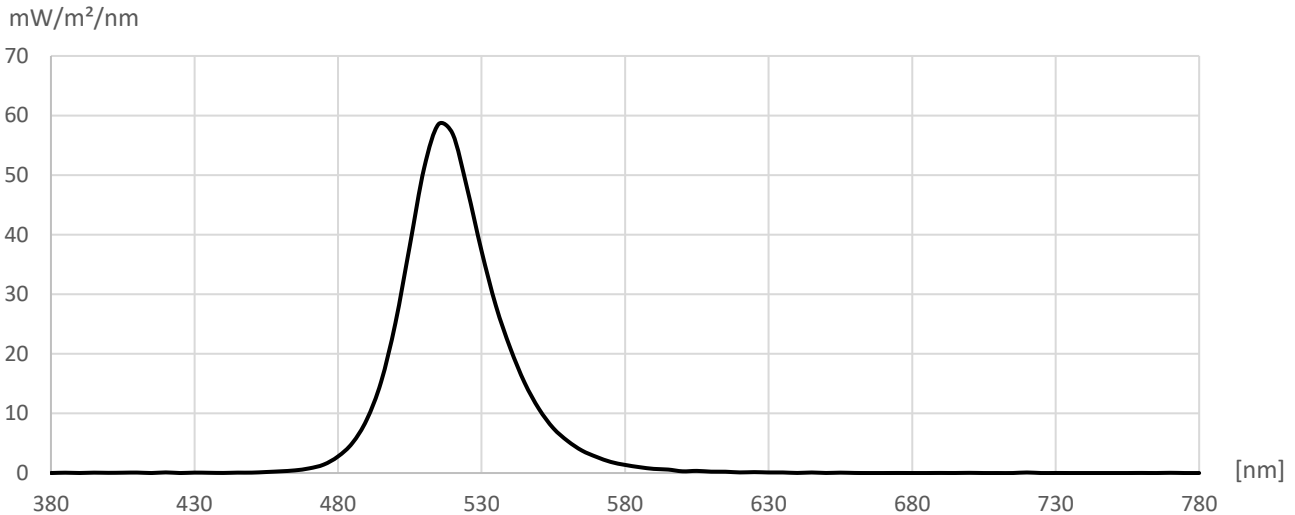


Measurement Protocol



Manufacturer: Flexfire LEDs, Inc.
 Type: Green LED Strip Light
 Model: GREEN

Measurement file: GREEN.CSV
 Date of measurement: 16.10.2023
 Time of measurement: 11:49:21



R1 = -	Ra = -	Illuminance	1,021.49 lx	CIE1931
R2 = -	Re = -	Ee	2.262 W/m ²	x = 0.1435
R3 = -	GAI = -	LER	451.6 lm/W	y = 0.7145
R4 = -				
R5 = -	TLCI = -	Correlated Color Temperature (CCT)	8,339 K	CIE1976
R6 = -		Duv	0.1640	u' = 0.0509
R7 = -	PPFD			v' = 0.5697
R8 = -	[μmol/m ² s]	Saturation	75.10 %	
R9 = -	9.86			CIE1960
R10 = -		Dominant wavelength	518 nm	u = 0.0509
R11 = -		Peak wavelength	515 nm	v = 0.3798
R12 = -				
R13 = -		Flicker frequency	% < 1.0	TM30
R14 = -		Percent Flicker	< 1.0	Rf = 0.7
R15 = -		Flicker index	% < 1.0	Rg = 8.1

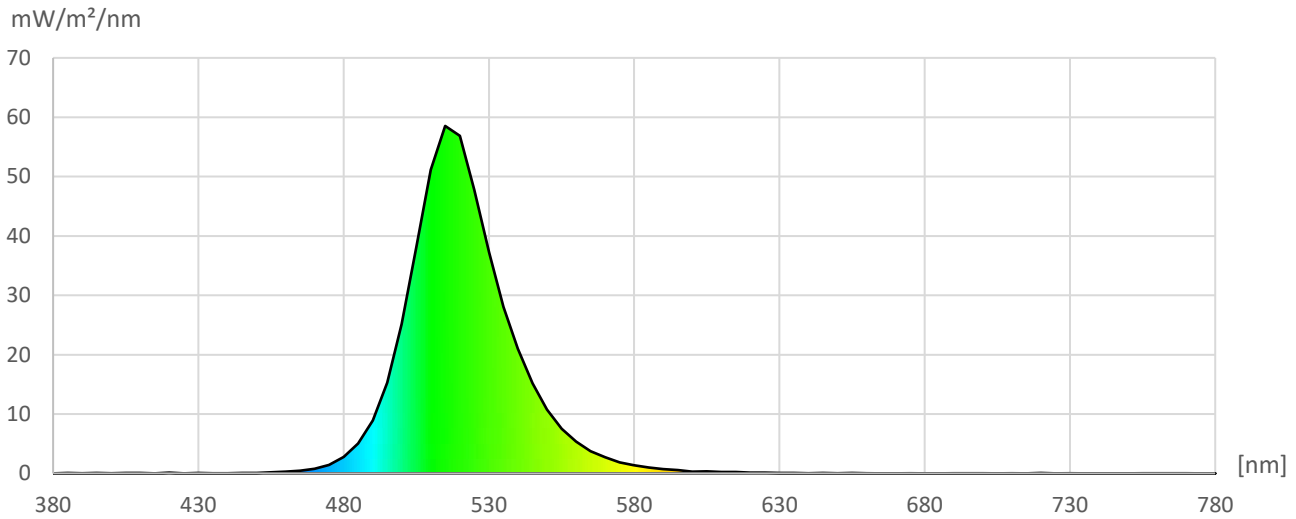
[nm]	mW/m ² /nm	[nm]	mW/m ² /nm	[nm]	mW/m ² /nm	[nm]	mW/m ² /nm	[nm]	mW/m ² /nm	[nm]	mW/m ² /nm	[nm]	mW/m ² /nm
380	0.00	440	0.01	500	25.17	560	5.38	620	0.10	680	0.00	740	0.00
385	0.05	445	0.06	505	38.13	565	3.76	625	0.15	685	0.00	745	0.00
390	0.00	450	0.07	510	51.17	570	2.71	630	0.09	690	0.01	750	0.00
395	0.06	455	0.17	515	58.54	575	1.86	635	0.09	695	0.00	755	0.00
400	0.03	460	0.29	520	56.87	580	1.36	640	0.01	700	0.03	760	0.01
405	0.05	465	0.44	525	47.76	585	0.99	645	0.09	705	0.00	765	0.00
410	0.08	470	0.78	530	37.29	590	0.69	650	0.01	710	0.00	770	0.04
415	0.00	475	1.41	535	28.08	595	0.58	655	0.06	715	0.00	775	0.00
420	0.10	480	2.78	540	20.98	600	0.29	660	0.01	720	0.09	780	0.00
425	0.00	485	5.03	545	15.16	605	0.36	665	0.00	725	0.00		
430	0.07	490	8.94	550	10.77	610	0.23	670	0.00	730	0.01		
435	0.04	495	15.28	555	7.53	615	0.22	675	0.01	735	0.00		

Measurement Protocol



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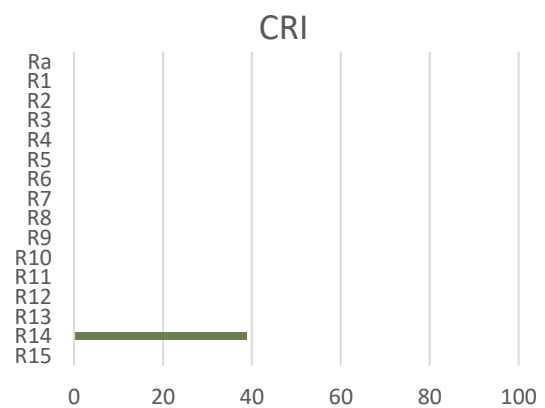
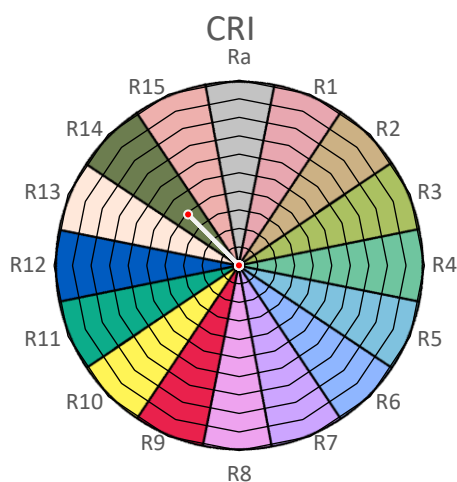
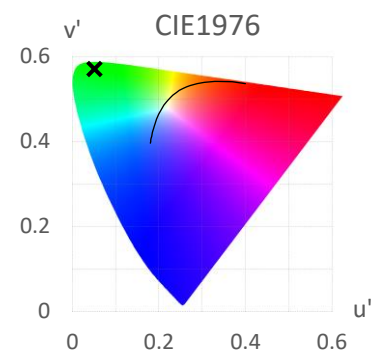
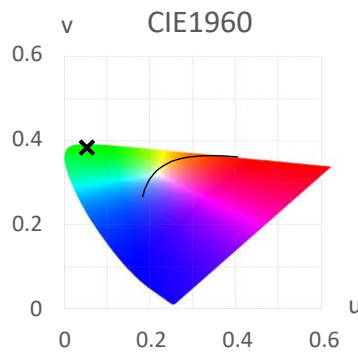
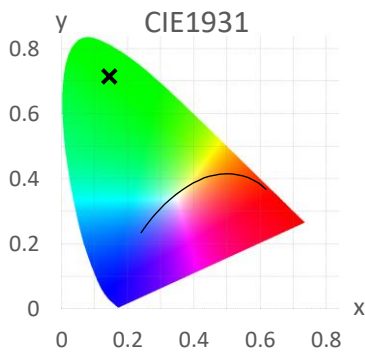
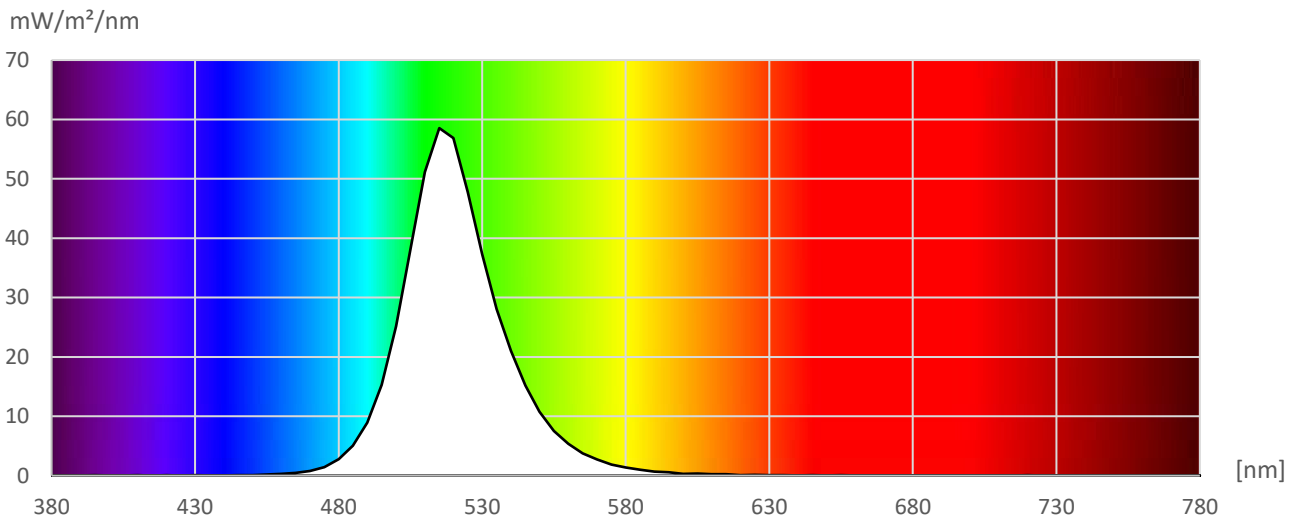
[nm]	mW/m²/nm	[nm]	mW/m²/nm	[nm]	mW/m²/nm	[nm]	mW/m²/nm	[nm]	mW/m²/nm	[nm]	mW/m²/nm	[nm]	mW/m²/nm
380	0.00	535	28.08	690	0.01								
385	0.05	540	20.98	695	0.00								
390	0.00	545	15.16	700	0.03								
395	0.06	550	10.77	705	0.00								
400	0.03	555	7.53	710	0.00								
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445	0.06	600	0.29	755	0.00								
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455	0.17	610	0.23	765	0.00								
460	0.29	615	0.22	770	0.04								
465	0.44	620	0.10	775	0.00								
470	0.78	625	0.15	780	0.00								
475	1.41	630	0.09										
480	2.78	635	0.09										
485	5.03	640	0.01										
490	8.94	645	0.09										
495	15.28	650	0.01										
500	25.17	655	0.06										
505	38.13	660	0.01										
510	51.17	665	0.00										
515	58.54	670	0.00										
520	56.87	675	0.01										
525	47.76	680	0.00										
530	37.29	685	0.00										

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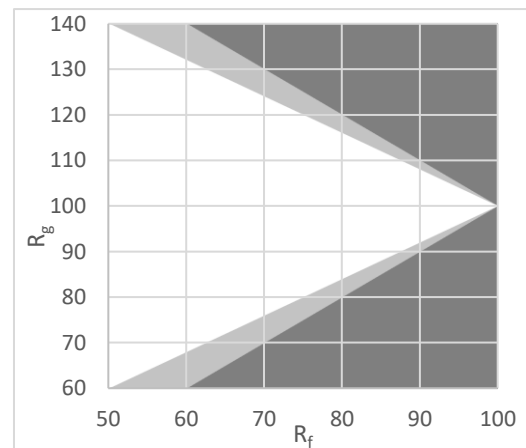
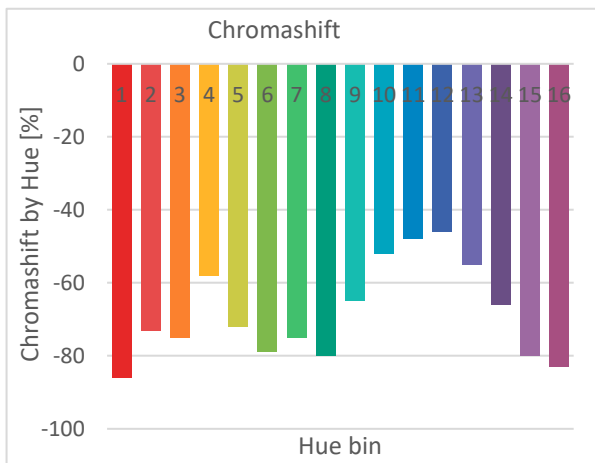
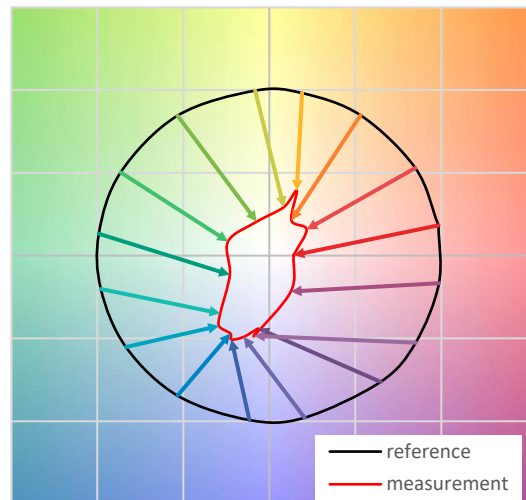
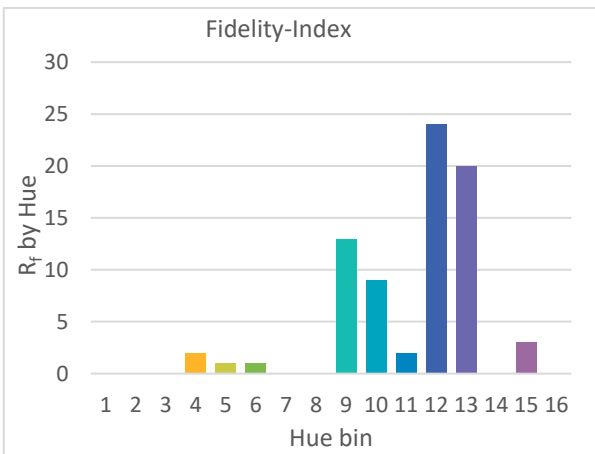
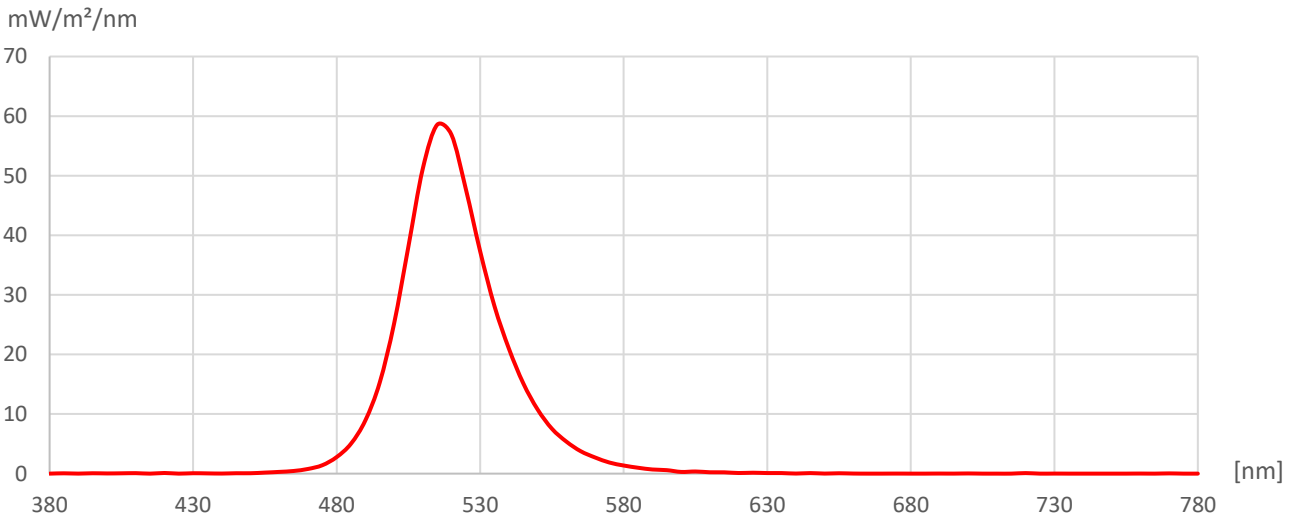


Measurement Protocol



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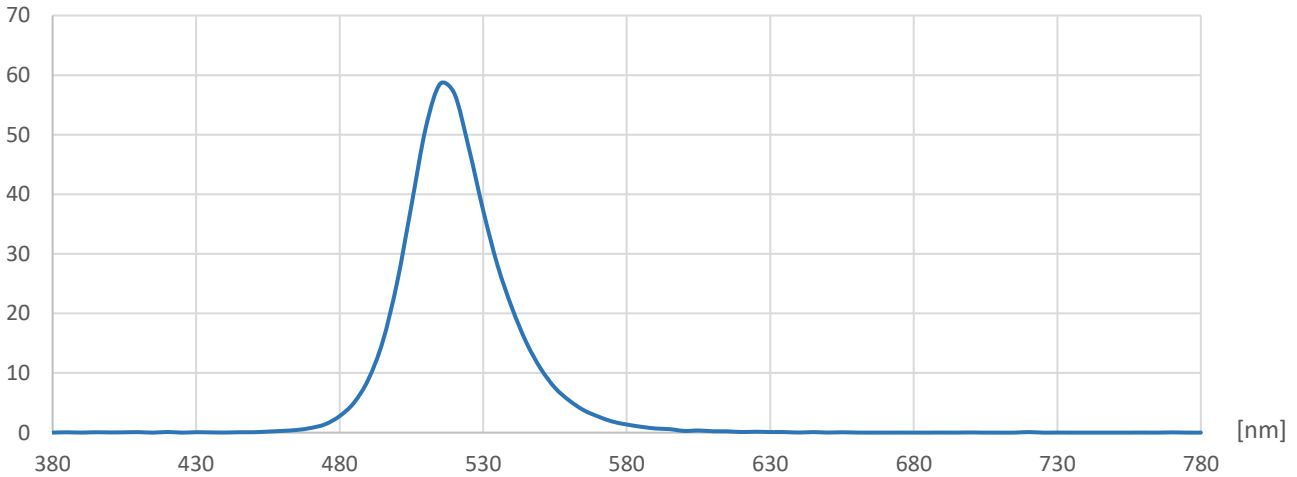
Measurement Protocol



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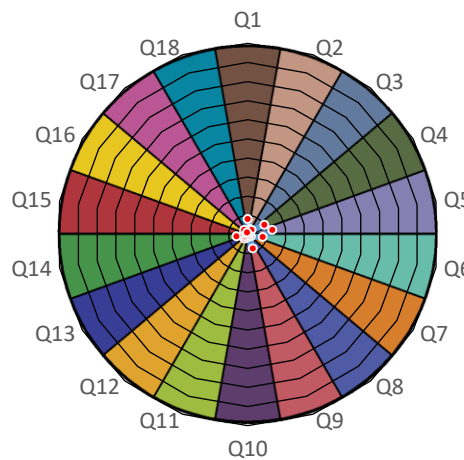
mW/m²/nm



correlated color temperature (CCT) 8,339 K
 TLCI 3

Referencec Spectrum Daylight

	Lightness	Chroma	Hue
R	19	23	4
R/Y	17	16	3
Y	5	24	1
Y/G	-4	18	1
G	-12	22	4
G/C	-12	22	4
C	-11	21	-11
C/B	-9	12	-1
B	2	18	7
B/M	7	23	8
M	22	23	8
M/R	22	23	8



Test Colour	Value	Test Colour	Value	Test Colour	Value			
Q1	Dark skin	8	Q7	Orange	2	Q13	Blue	2
Q2	Light skin	3	Q8	Purplish blue	1	Q14	Green	6
Q3	Blue sky	3	Q9	Moderate red	8	Q15	Red	2
Q4	Foliage	10	Q10	Purple	1	Q16	Yellow	1
Q5	Blue flower	13	Q11	Yellow green	2	Q17	Magenta	3
Q6	Bluish green	8	Q12	Orange yellow	3	Q18	Cyan	1