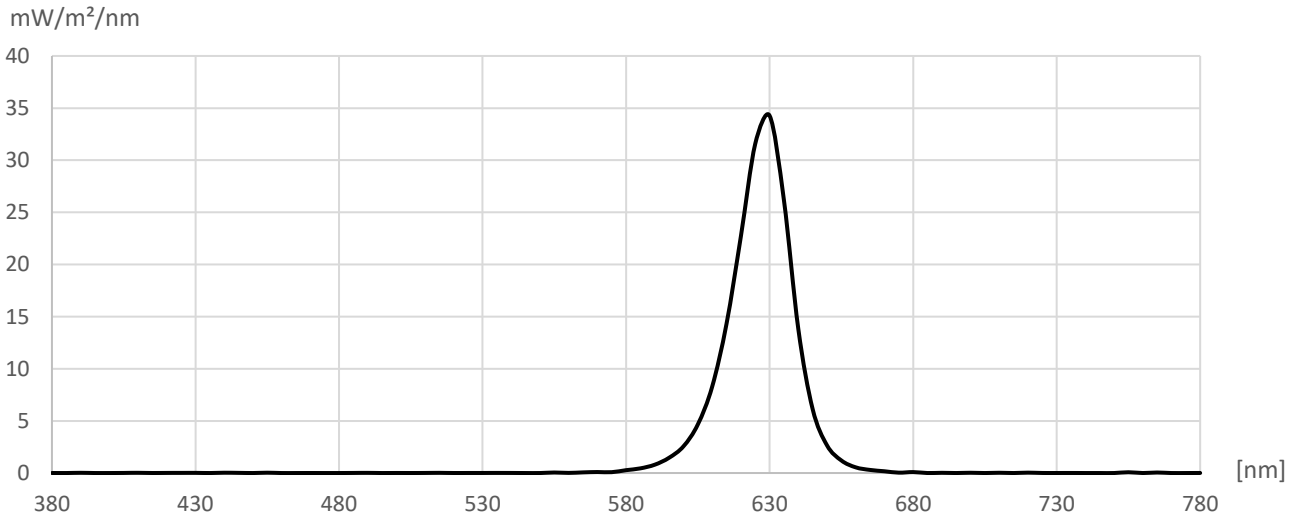


# Measurement Protocol



Manufacturer: Flexfire LEDs, Inc.  
 Type: Red LED Strip Light  
 Model: RED

Measurement file: RED.CSV  
 Date of measurement: 16.10.2023  
 Time of measurement: 11:45:06



R1 = -	Ra = -	Illuminance	186.60 lx	CIE1931
R2 = -	Re = -	Ee	0.866 W/m <sup>2</sup>	x = 0.6893
R3 = -	GAI = -	LER	215.4 lm/W	y = 0.3094
R4 = -				
R5 = -	TLCI = 0.0	Correlated Color Temperature (CCT) < 1600		CIE1976
R6 = -		Duv	-	u' = 0.5169
R7 = -	PPFD			v' = 0.5220
R8 = -	[μmol/m <sup>2</sup> s]	Saturation	99.50 %	
R9 = -	4.54			CIE1960
R10 = -		Dominant wavelength	624 nm	u = 0.5169
R11 = -		Peak wavelength	628 nm	v = 0.3480
R12 = -				
R13 = -		Flicker frequency	% < 1.0	TM30
R14 = -		Percent Flicker	< 1.0	Rf = -
R15 = -		Flicker index	% < 1.0	Rg = -

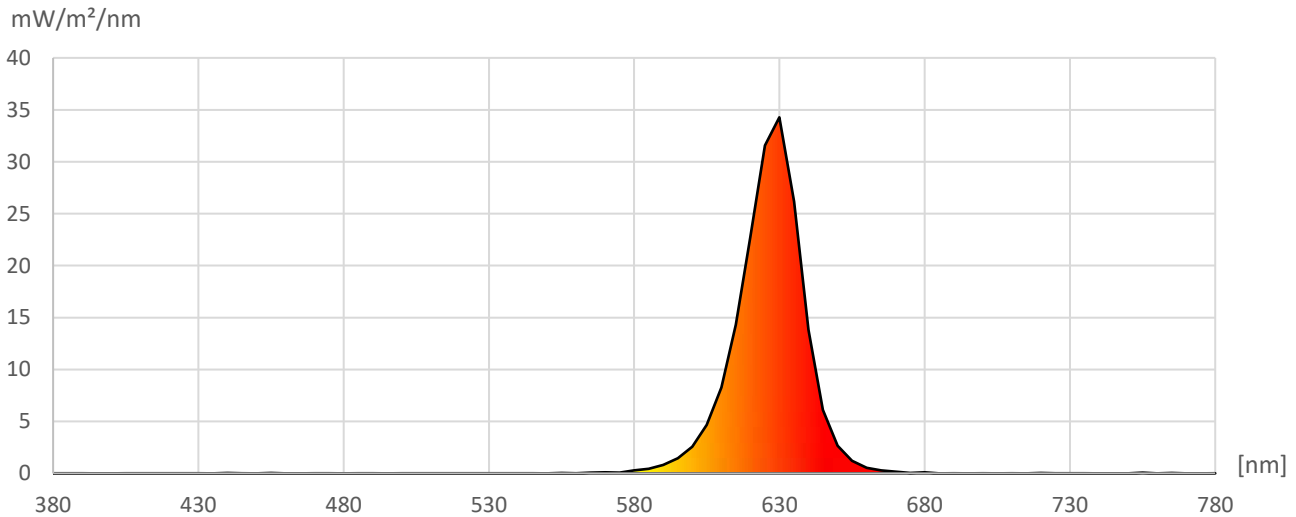
[nm]	mW/m <sup>2</sup> /nm	[nm]	mW/m <sup>2</sup> /nm	[nm]	mW/m <sup>2</sup> /nm	[nm]	mW/m <sup>2</sup> /nm	[nm]	mW/m <sup>2</sup> /nm	[nm]	mW/m <sup>2</sup> /nm	[nm]	mW/m <sup>2</sup> /nm
380	0.00	440	0.03	500	0.00	560	0.01	620	22.70	680	0.09	740	0.00
385	0.00	445	0.02	505	0.00	565	0.06	625	31.57	685	0.00	745	0.00
390	0.02	450	0.00	510	0.01	570	0.09	630	34.28	690	0.02	750	0.00
395	0.00	455	0.03	515	0.02	575	0.08	635	26.17	695	0.00	755	0.07
400	0.00	460	0.00	520	0.00	580	0.27	640	13.82	700	0.03	760	0.00
405	0.01	465	0.00	525	0.00	585	0.45	645	6.13	705	0.00	765	0.05
410	0.02	470	0.00	530	0.01	590	0.80	650	2.65	710	0.03	770	0.00
415	0.00	475	0.00	535	0.01	595	1.47	655	1.20	715	0.00	775	0.00
420	0.01	480	0.00	540	0.01	600	2.56	660	0.55	720	0.03	780	0.00
425	0.01	485	0.01	545	0.00	605	4.66	665	0.30	725	0.00		
430	0.01	490	0.02	550	0.00	610	8.28	670	0.17	730	0.00		
435	0.00	495	0.00	555	0.05	615	14.31	675	0.04	735	0.01		

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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	0.01	690	0.02								
385	0.00	540	0.01	695	0.00								
390	0.02	545	0.00	700	0.03								
395	0.00	550	0.00	705	0.00								
400	0.00	555	0.05	710	0.03								
405	0.01	560	0.01	715	0.00								
410	0.02	565	0.06	720	0.03								
415	0.00	570	0.09	725	0.00								
420	0.01	575	0.08	730	0.00								
425	0.01	580	0.27	735	0.01								
430	0.01	585	0.45	740	0.00								
435	0.00	590	0.80	745	0.00								
440	0.03	595	1.47	750	0.00								
445	0.02	600	2.56	755	0.07								
450	0.00	605	4.66	760	0.00								
455	0.03	610	8.28	765	0.05								
460	0.00	615	14.31	770	0.00								
465	0.00	620	22.70	775	0.00								
470	0.00	625	31.57	780	0.00								
475	0.00	630	34.28										
480	0.00	635	26.17										
485	0.01	640	13.82										
490	0.02	645	6.13										
495	0.00	650	2.65										
500	0.00	655	1.20										
505	0.00	660	0.55										
510	0.01	665	0.30										
515	0.02	670	0.17										
520	0.00	675	0.04										
525	0.00	680	0.09										
530	0.01	685	0.00										

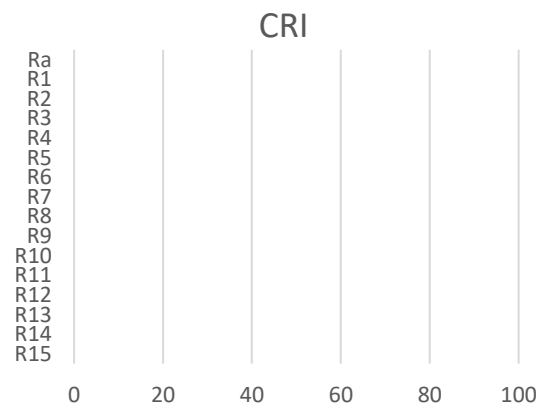
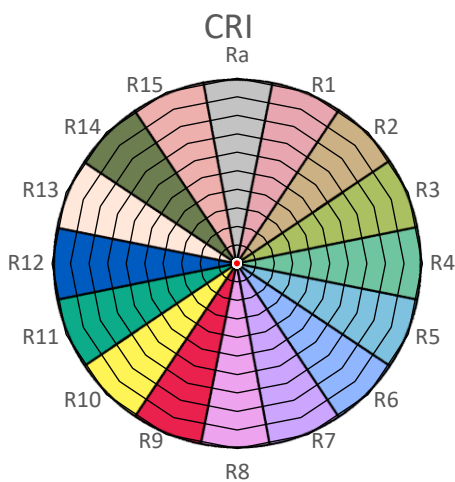
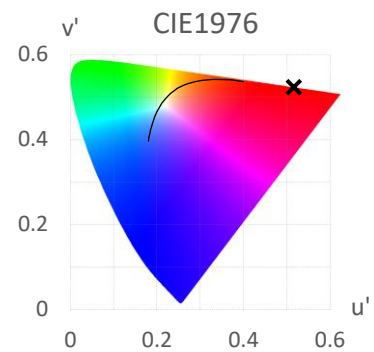
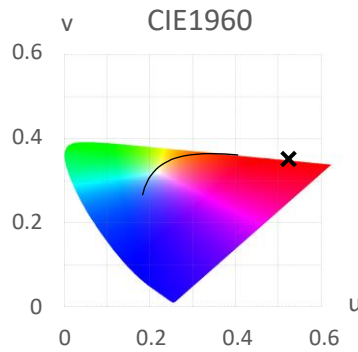
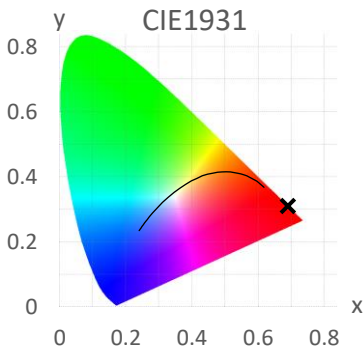
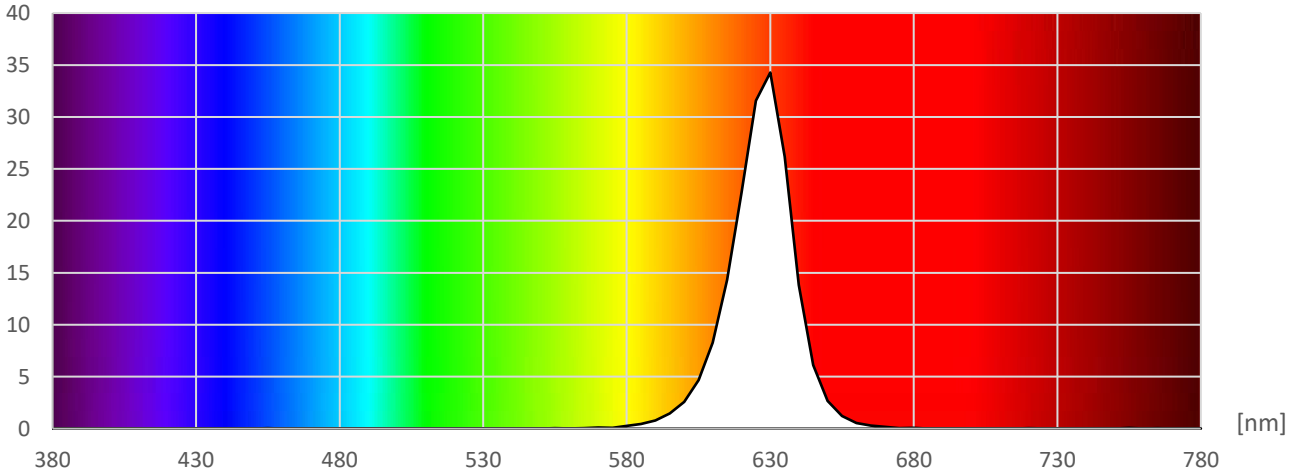
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mW/m<sup>2</sup>/nm

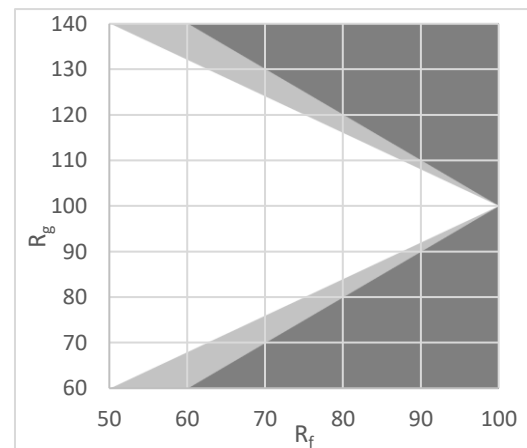
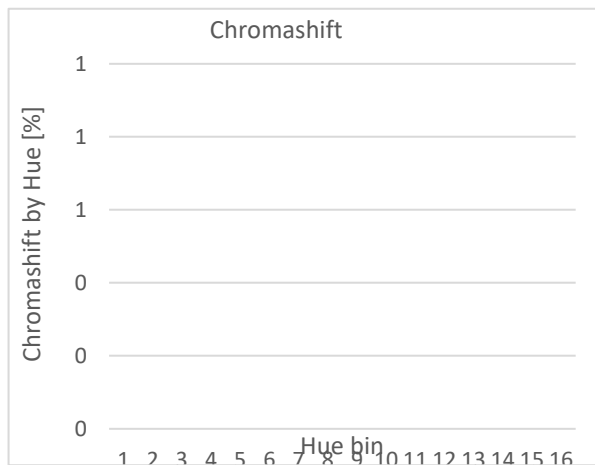
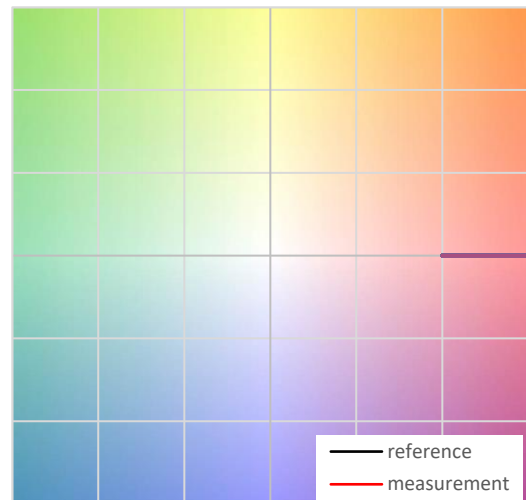
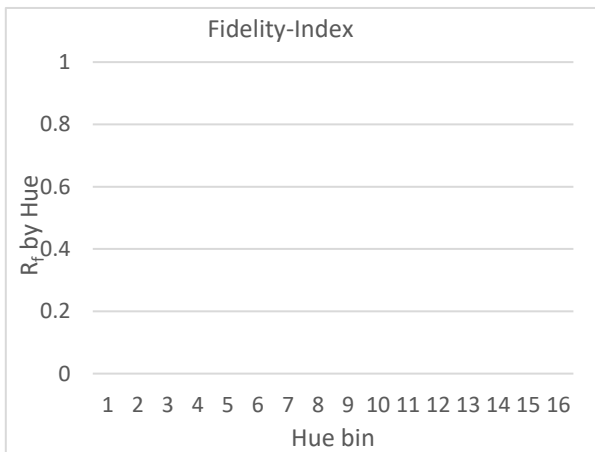
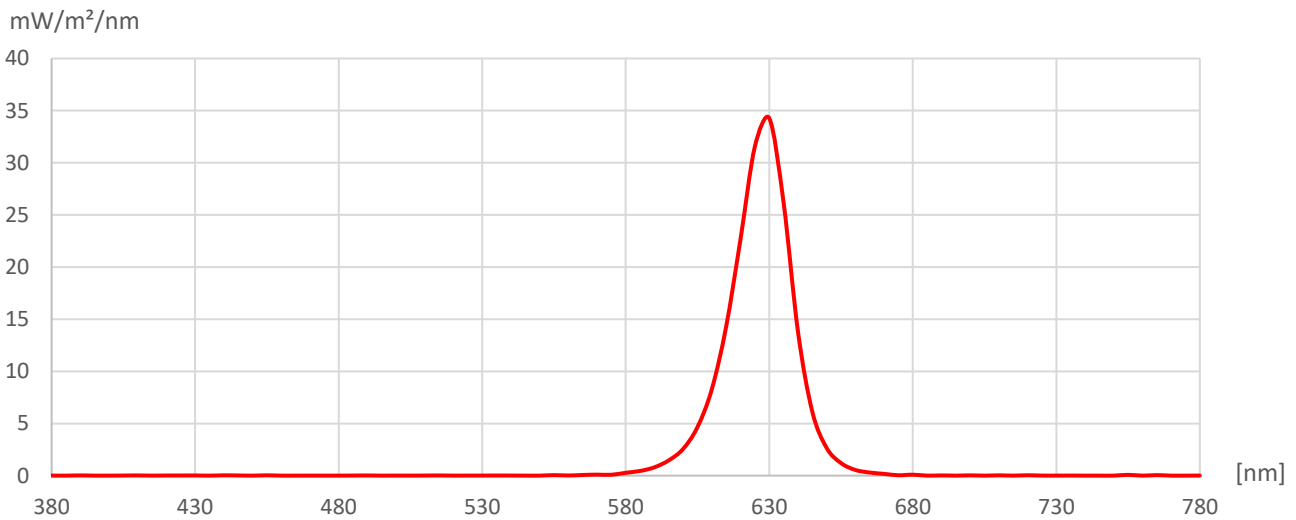


# Measurement Protocol



Manufacturer: Flexfire LEDs, Inc.  
 Type: Red LED Strip Light  
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Measurement file: RED.CSV  
 Date of measurement: 16.10.2023  
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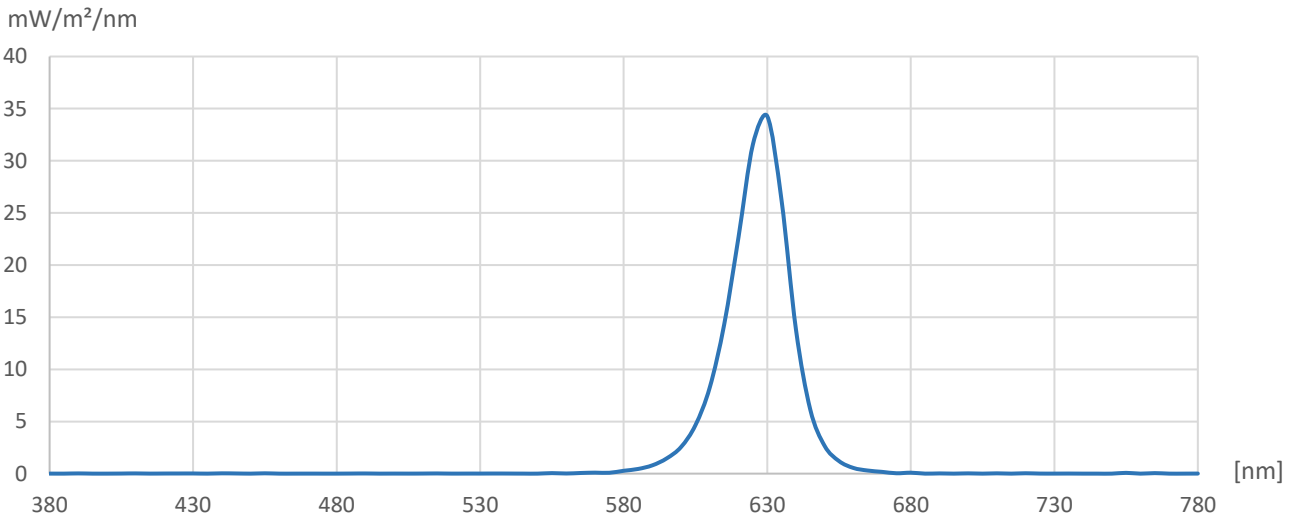


# Measurement Protocol



Manufacturer: Flexfire LEDs, Inc.  
 Type: Red LED Strip Light  
 Model: RED

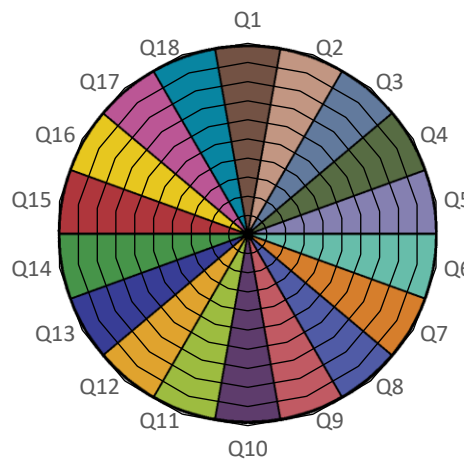
Measurement file: RED.CSV  
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 Time of measurement: 11:45:06



correlated color temperature (CCT) < 1600  
 TLCI 0

Referencec Spectrum Daylight

	Lightness	Chroma	Hue
R	0	0	0
R/Y	0	0	0
Y	0	0	0
Y/G	0	0	0
G	0	0	0
G/C	0	0	0
C	0	0	0
C/B	0	0	0
B	0	0	0
B/M	0	0	0
M	0	0	0
M/R	0	0	0



Test Colour	Value	Test Colour	Value	Test Colour	Value
Q1 Dark skin	65535	Q7 Orange	65535	Q13 Blue	65535
Q2 Light skin	65535	Q8 Purplish blue	65535	Q14 Green	65535
Q3 Blue sky	65535	Q9 Moderate red	65535	Q15 Red	65535
Q4 Foliage	65535	Q10 Purple	65535	Q16 Yellow	65535
Q5 Blue flower	65535	Q11 Yellow green	65535	Q17 Magenta	65535
Q6 Bluish green	65535	Q12 Orange yellow	65535	Q18 Cyan	65535