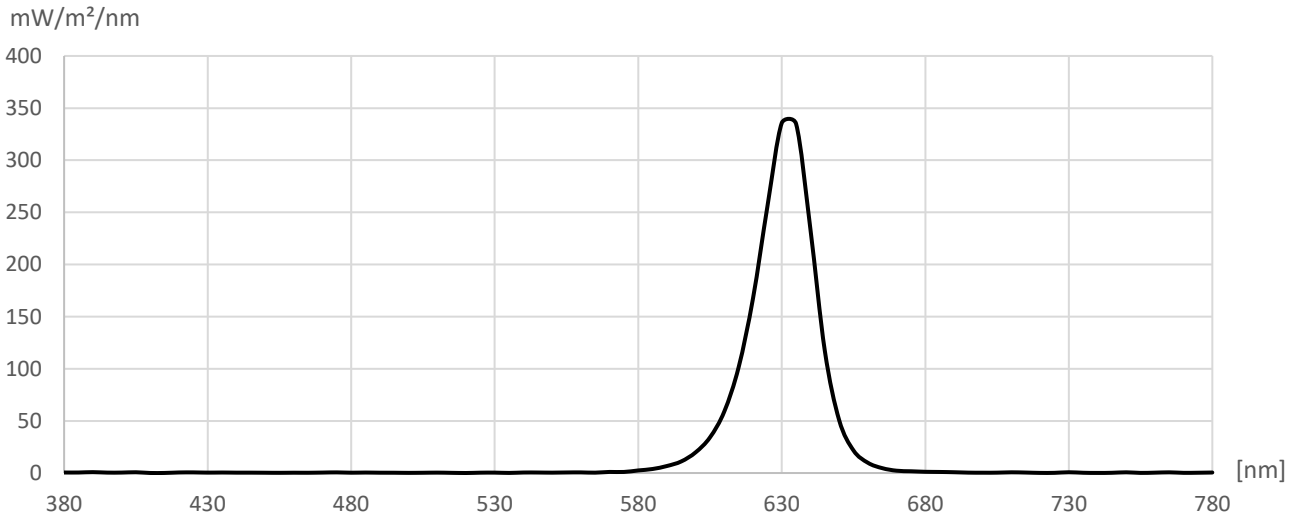


# Measurement Protocol



Manufacturer: Flexfire LEDs, Inc.  
 Type: RGB LED Light Sheet  
 Model: LST-RGB

Measurement file: LST-RGB.CSV  
 Date of measurement: 01.05.2024  
 Time of measurement: 13:15:20



R1 = -	Ra = -	Illuminance	1,723.12 lx	CIE1931
R2 = -	Re = -	Ee	8.998 W/m <sup>2</sup>	x = 0.6906
R3 = -	GAI = -	LER	191.5 lm/W	y = 0.3047
R4 = -				
R5 = -	TLCI = 0.0	Correlated Color Temperature (CCT) < 1600		CIE1976
R6 = -		Duv	-	u' = 0.5237
R7 = -	PPFD			v' = 0.5198
R8 = -	[μmol/m <sup>2</sup> s]	Saturation	98.70 %	
R9 = -	47.11			CIE1960
R10 = -		Dominant wavelength	627 nm	u = 0.5237
R11 = -		Peak wavelength	632 nm	v = 0.3466
R12 = -				
R13 = -		Flicker frequency	% < 1.0	TM30
R14 = -		Percent Flicker	< 1.0	Rf = -
R15 = -		Flicker index	% < 1.0	Rg = -

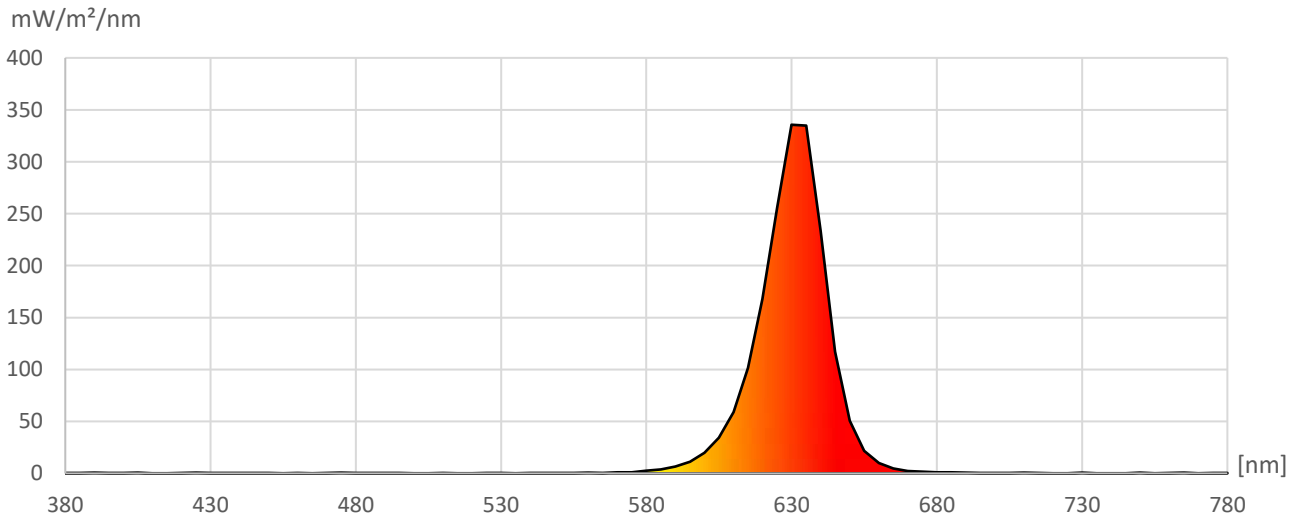
[nm]	mW/m <sup>2</sup> /nm	[nm]	mW/m <sup>2</sup> /nm	[nm]	mW/m <sup>2</sup> /nm	[nm]	mW/m <sup>2</sup> /nm	[nm]	mW/m <sup>2</sup> /nm	[nm]	mW/m <sup>2</sup> /nm	[nm]	mW/m <sup>2</sup> /nm
380	0.47	440	0.36	500	0.15	560	0.60	620	167.69	680	1.18	740	0.08
385	0.49	445	0.34	505	0.25	565	0.34	625	255.52	685	1.03	745	0.23
390	0.84	450	0.27	510	0.38	570	1.04	630	335.65	690	0.76	750	0.68
395	0.40	455	0.19	515	0.18	575	1.01	635	334.88	695	0.39	755	0.13
400	0.42	460	0.29	520	0.03	580	2.47	640	233.45	700	0.29	760	0.34
405	0.74	465	0.26	525	0.32	585	3.87	645	117.23	705	0.35	765	0.67
410	0.05	470	0.44	530	0.39	590	6.72	650	50.67	710	0.68	770	0.18
415	0.06	475	0.61	535	0.09	595	11.12	655	21.58	715	0.44	775	0.26
420	0.52	480	0.29	540	0.49	600	19.84	660	9.83	720	0.12	780	0.49
425	0.60	485	0.45	545	0.48	605	34.19	665	4.67	725	0.17		
430	0.37	490	0.31	550	0.36	610	59.10	670	2.21	730	0.75		
435	0.49	495	0.27	555	0.53	615	101.65	675	1.69	735	0.24		

# Measurement Protocol



Manufacturer: Flexfire LEDs, Inc.  
 Type: RGB LED Light Sheet  
 Model: LST-RGB

Measurement file: LST-RGB.CSV  
 Date of measurement: 01.05.2024  
 Time of measurement: 13:15:20



[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	0.47	535	0.09	690	0.76								
385	0.49	540	0.49	695	0.39								
390	0.84	545	0.48	700	0.29								
395	0.40	550	0.36	705	0.35								
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445	0.34	600	19.84	755	0.13								
450	0.27	605	34.19	760	0.34								
455	0.19	610	59.10	765	0.67								
460	0.29	615	101.65	770	0.18								
465	0.26	620	167.69	775	0.26								
470	0.44	625	255.52	780	0.49								
475	0.61	630	335.65										
480	0.29	635	334.88										
485	0.45	640	233.45										
490	0.31	645	117.23										
495	0.27	650	50.67										
500	0.15	655	21.58										
505	0.25	660	9.83										
510	0.38	665	4.67										
515	0.18	670	2.21										
520	0.03	675	1.69										
525	0.32	680	1.18										
530	0.39	685	1.03										

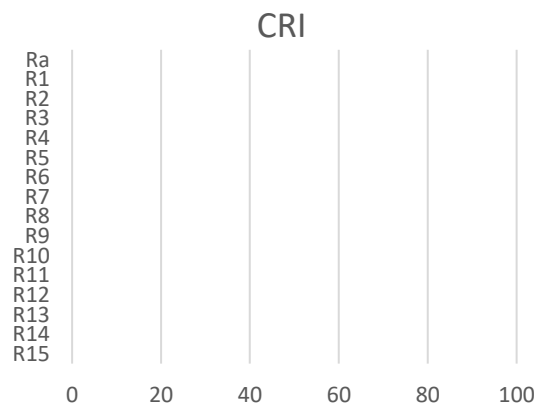
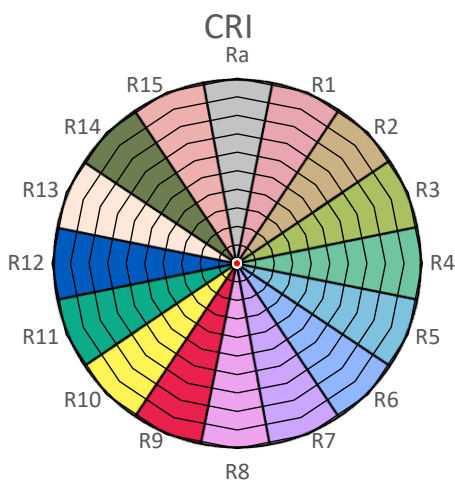
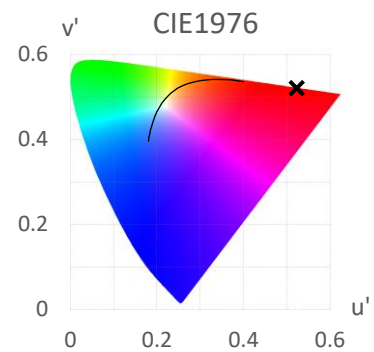
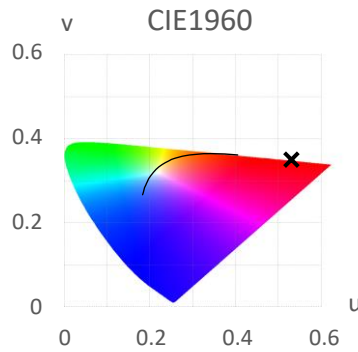
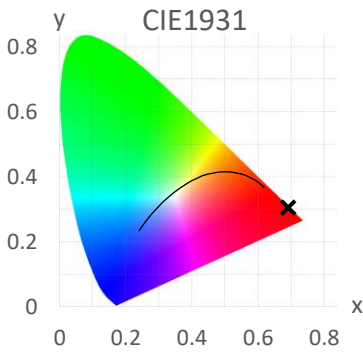
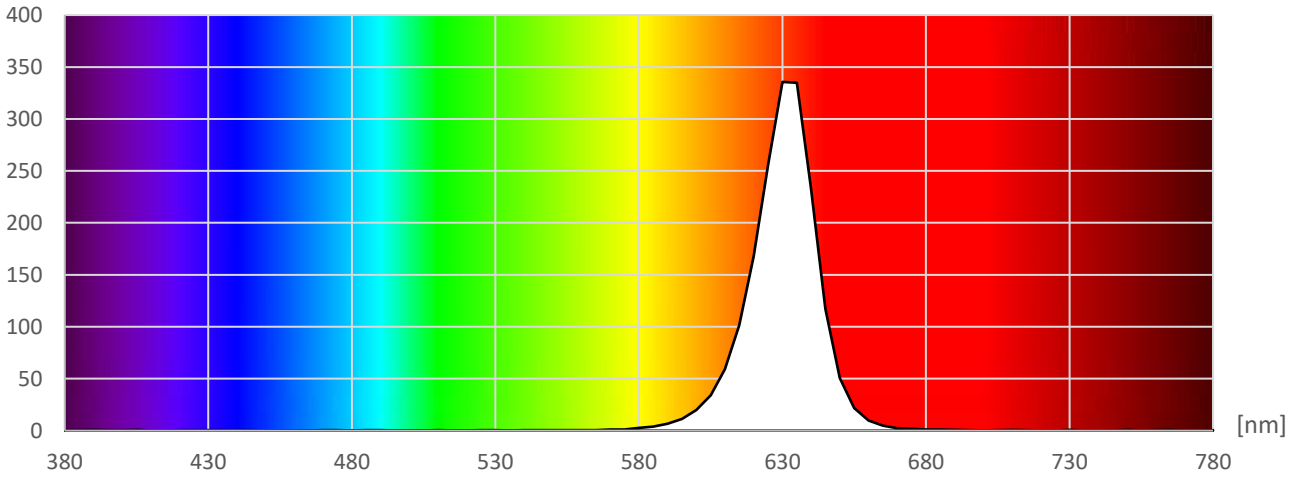
# Measurement Protocol



Manufacturer: Flexfire LEDs, Inc.  
 Type: RGB LED Light Sheet  
 Model: LST-RGB

Measurement file: LST-RGB.CSV  
 Date of measurement: 01.05.2024  
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mW/m<sup>2</sup>/nm

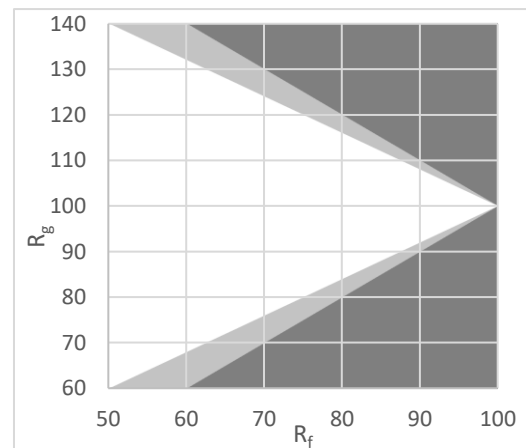
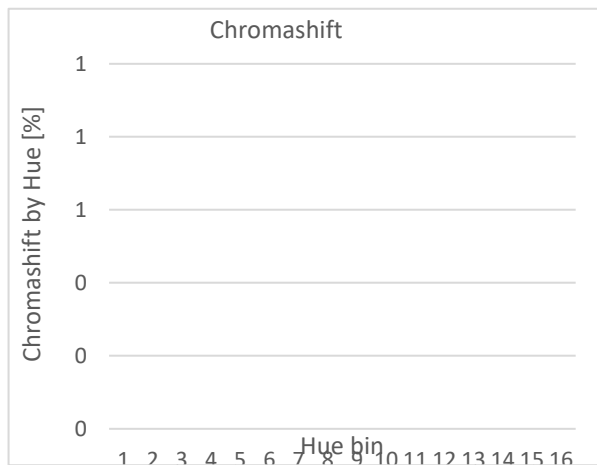
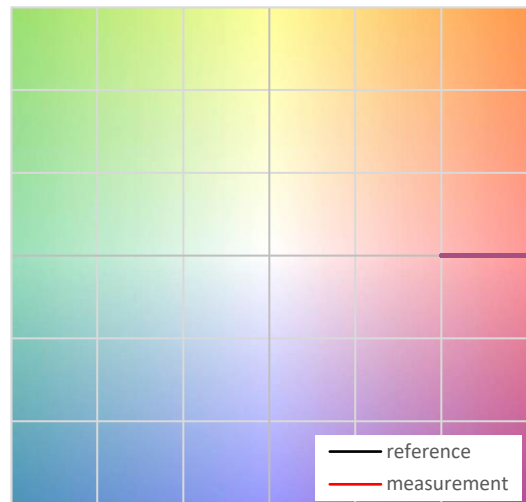
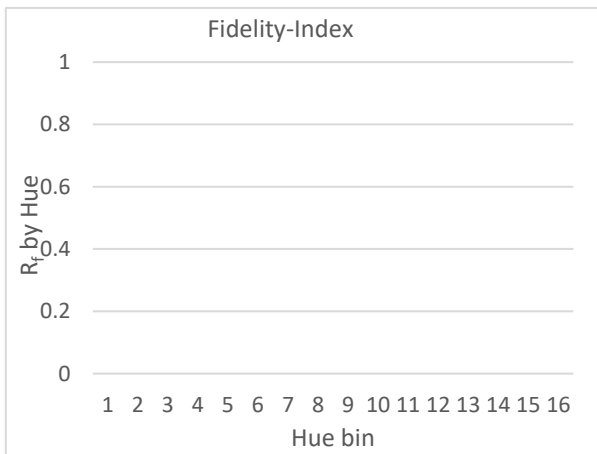
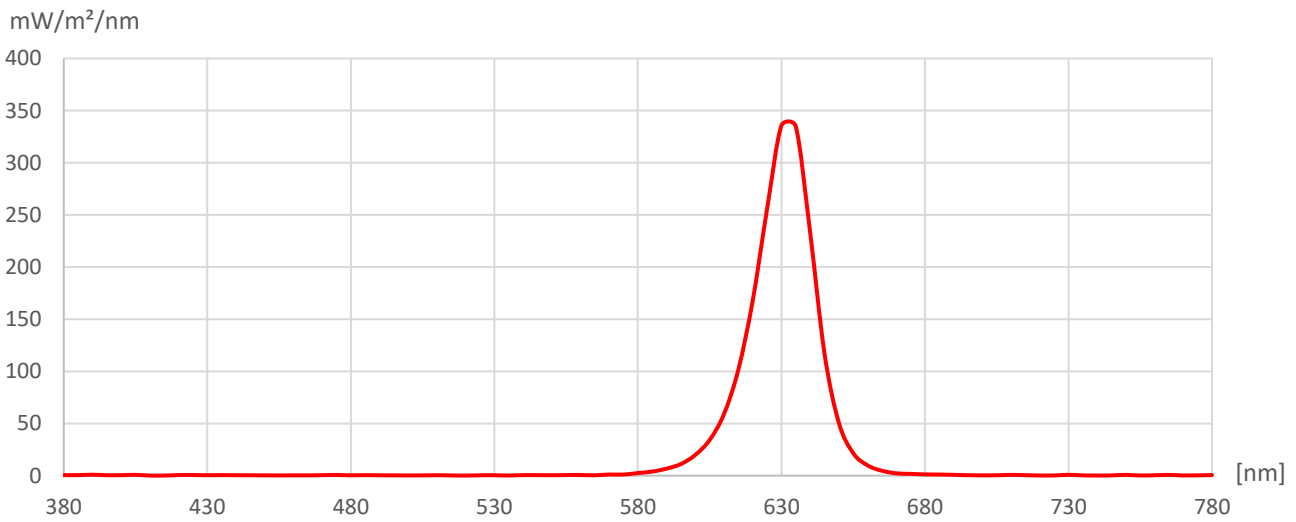


# Measurement Protocol



Manufacturer: Flexfire LEDs, Inc.  
 Type: RGB LED Light Sheet  
 Model: LST-RGB

Measurement file: LST-RGB.CSV  
 Date of measurement: 01.05.2024  
 Time of measurement: 13:15:20

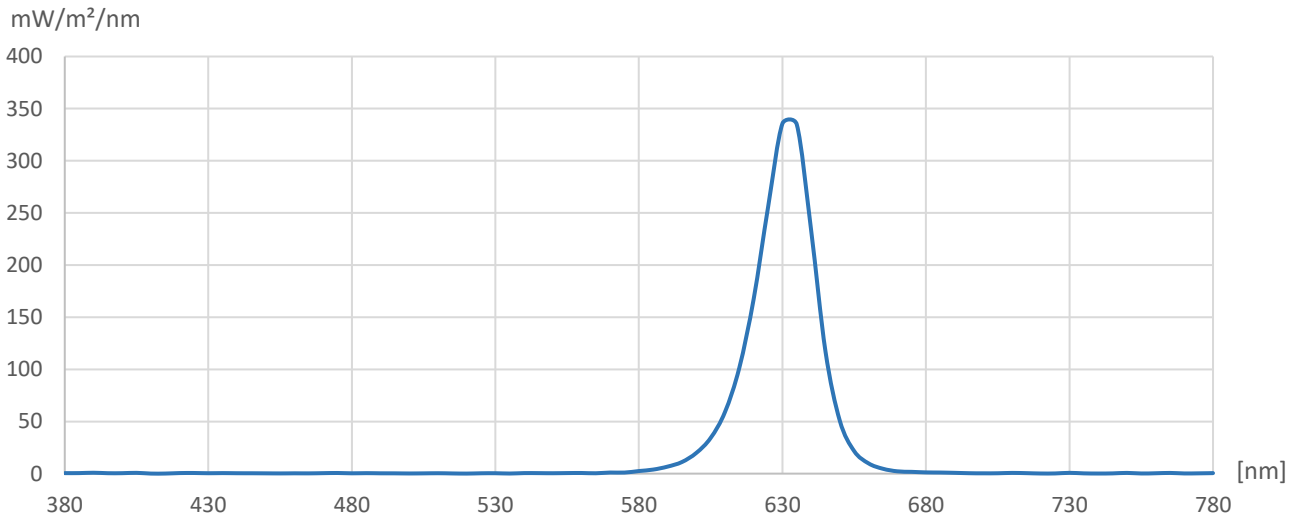


# Measurement Protocol



Manufacturer: Flexfire LEDs, Inc.  
 Type: RGB LED Light Sheet  
 Model: LST-RGB

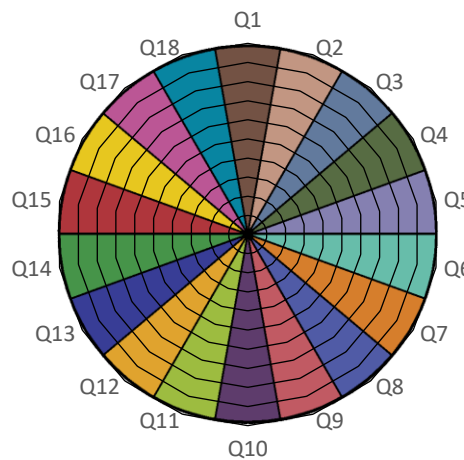
Measurement file: LST-RGB.CSV  
 Date of measurement: 01.05.2024  
 Time of measurement: 13:15:20



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