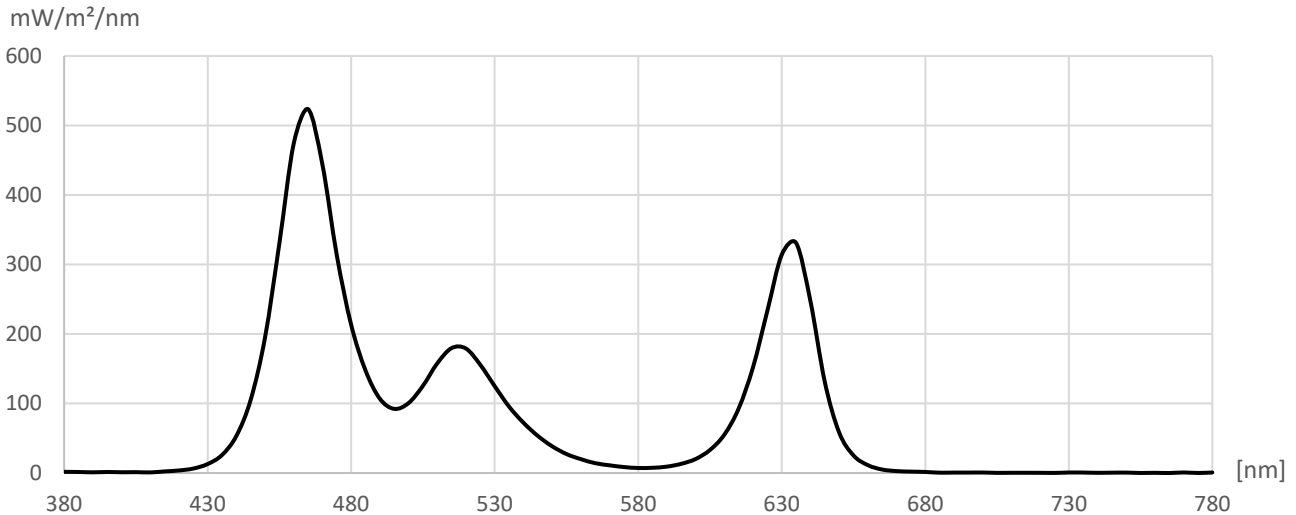


# Measurement Protocol



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: 13:14:29



R1 = -	Ra = -	Illuminance	5,873.92 lx	CIE1931
R2 = -	Re = -	Ee	30.927 W/m <sup>2</sup>	x = 0.2481
R3 = -	GAI = -	LER	189.9 lm/W	y = 0.2166
R4 = -				
R5 = -	TLCI = 0.0	Correlated Color Temperature (CCT)	> 50000	CIE1976
R6 = -		Duv	-	u' = 0.1945
R7 = -	PPFD			v' = 0.3820
R8 = -	[μmol/m <sup>2</sup> s]	Saturation	41.80 %	
R9 = -	135.56			CIE1960
R10 = -		Dominant wavelength	463 nm	u = 0.1945
R11 = -		Peak wavelength	464 nm	v = 0.2547
R12 = -				
R13 = -		Flicker frequency	% < 1.0	TM30
R14 = -		Percent Flicker	< 1.0	Rf = -
R15 = -		Flicker index	% < 1.0	Rg = -

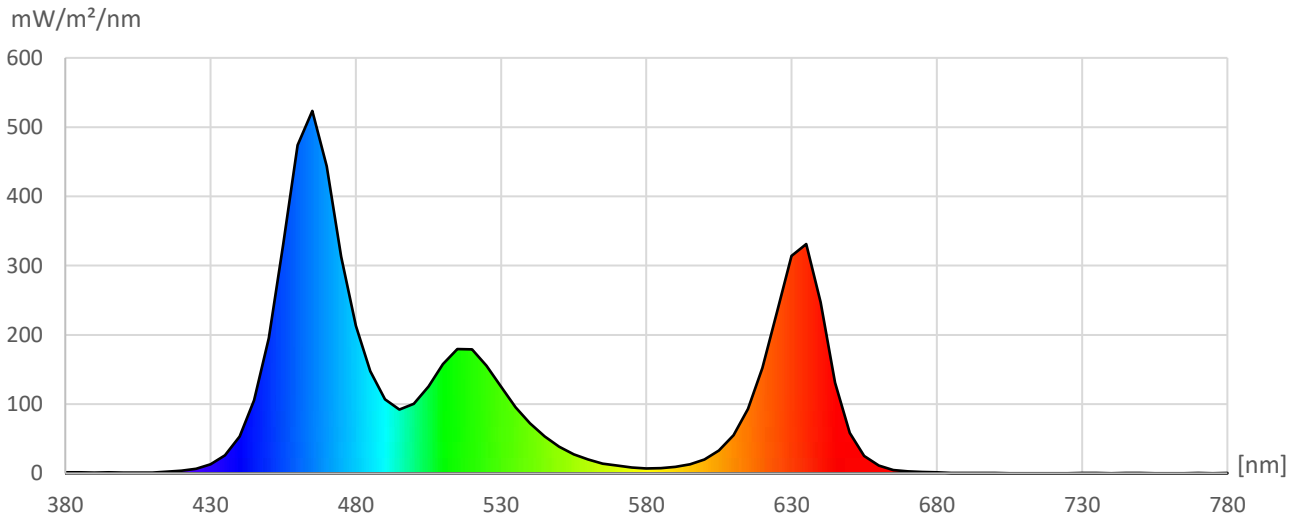
[nm]	mW/m <sup>2</sup> /nm	[nm]	mW/m <sup>2</sup> /nm	[nm]	mW/m <sup>2</sup> /nm	[nm]	mW/m <sup>2</sup> /nm	[nm]	mW/m <sup>2</sup> /nm	[nm]	mW/m <sup>2</sup> /nm	[nm]	mW/m <sup>2</sup> /nm
380	1.73	440	53.30	500	100.66	560	19.94	620	152.25	680	1.54	740	0.28
385	1.50	445	105.37	505	125.47	565	14.20	625	233.52	685	0.49	745	0.51
390	1.02	450	195.08	510	157.84	570	11.08	630	314.10	690	0.64	750	0.61
395	1.49	455	330.67	515	179.72	575	8.59	635	330.99	695	0.63	755	0.08
400	1.11	460	474.21	520	179.00	580	7.23	640	247.03	700	0.73	760	0.31
405	1.28	465	523.43	525	155.62	585	7.56	645	130.89	705	0.23	765	0.00
410	0.89	470	443.47	530	125.00	590	9.20	650	58.20	710	0.35	770	0.79
415	2.28	475	313.18	535	95.54	595	13.23	655	25.23	715	0.33	775	0.05
420	3.66	480	213.23	540	72.41	600	20.17	660	11.29	720	0.31	780	0.77
425	6.42	485	147.56	545	53.47	605	33.15	665	5.00	725	0.13		
430	12.91	490	106.87	550	38.49	610	55.16	670	2.77	730	0.71		
435	25.90	495	92.31	555	27.32	615	92.91	675	2.03	735	0.68		

# 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: 13:14:29



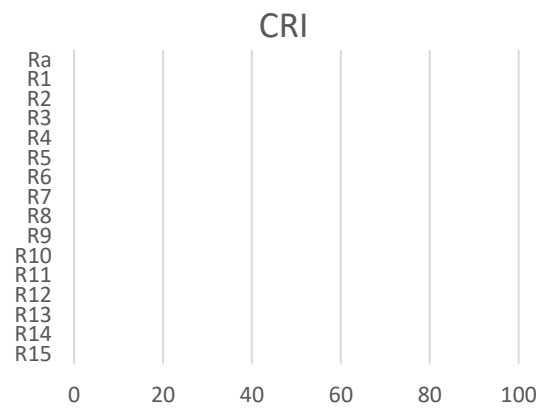
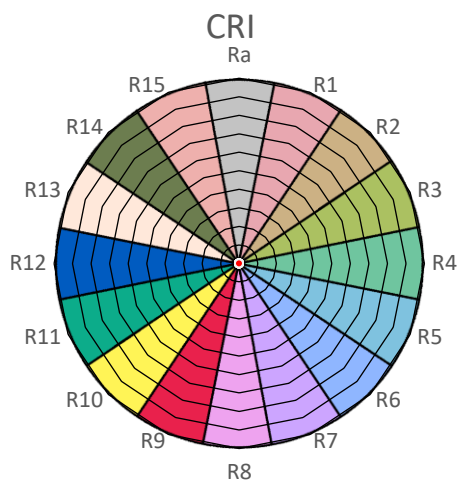
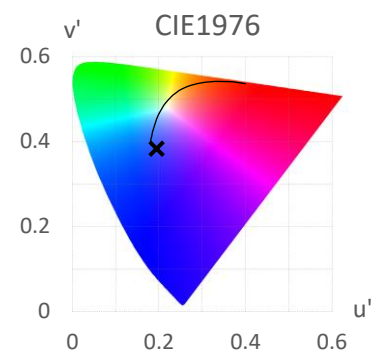
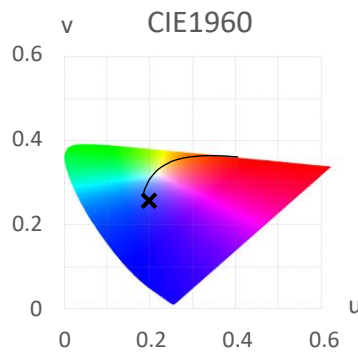
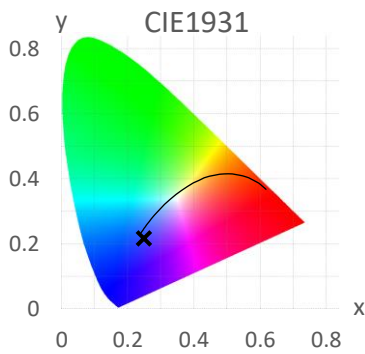
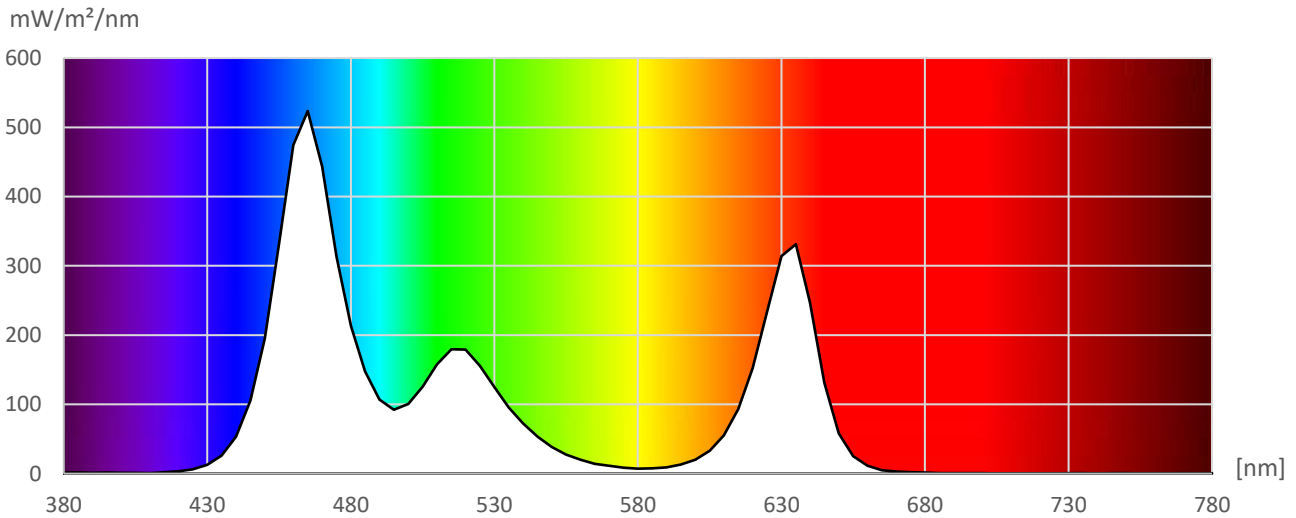
[nm]	mW/m²/nm	[nm]	mW/m²/nm	[nm]	mW/m²/nm	[nm]	mW/m²/nm	[nm]	mW/m²/nm	[nm]	mW/m²/nm	[nm]	mW/m²/nm
380	1.73	535	95.54	690	0.64								
385	1.50	540	72.41	695	0.63								
390	1.02	545	53.47	700	0.73								
395	1.49	550	38.49	705	0.23								
400	1.11	555	27.32	710	0.35								
405	1.28	560	19.94	715	0.33								
410	0.89	565	14.20	720	0.31								
415	2.28	570	11.08	725	0.13								
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435	25.90	590	9.20	745	0.51								
440	53.30	595	13.23	750	0.61								
445	105.37	600	20.17	755	0.08								
450	195.08	605	33.15	760	0.31								
455	330.67	610	55.16	765	0.00								
460	474.21	615	92.91	770	0.79								
465	523.43	620	152.25	775	0.05								
470	443.47	625	233.52	780	0.77								
475	313.18	630	314.10										
480	213.23	635	330.99										
485	147.56	640	247.03										
490	106.87	645	130.89										
495	92.31	650	58.20										
500	100.66	655	25.23										
505	125.47	660	11.29										
510	157.84	665	5.00										
515	179.72	670	2.77										
520	179.00	675	2.03										
525	155.62	680	1.54										
530	125.00	685	0.49										

# 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: 13:14:29

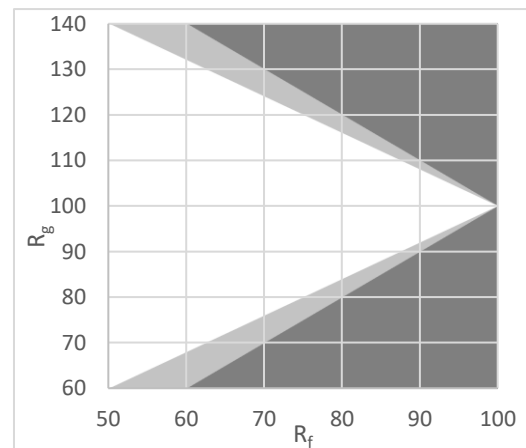
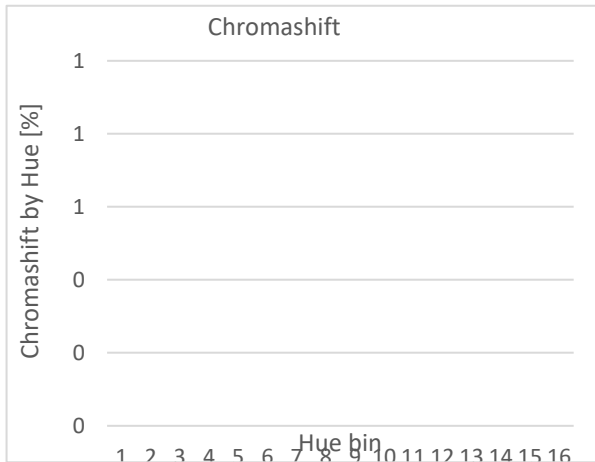
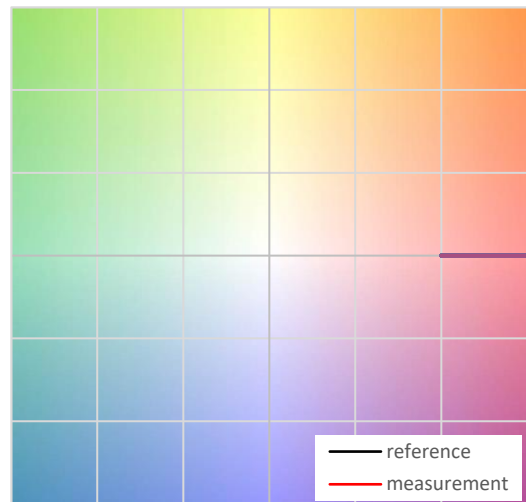
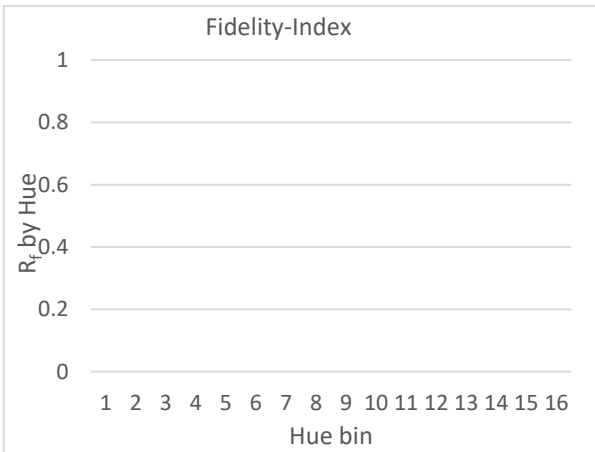
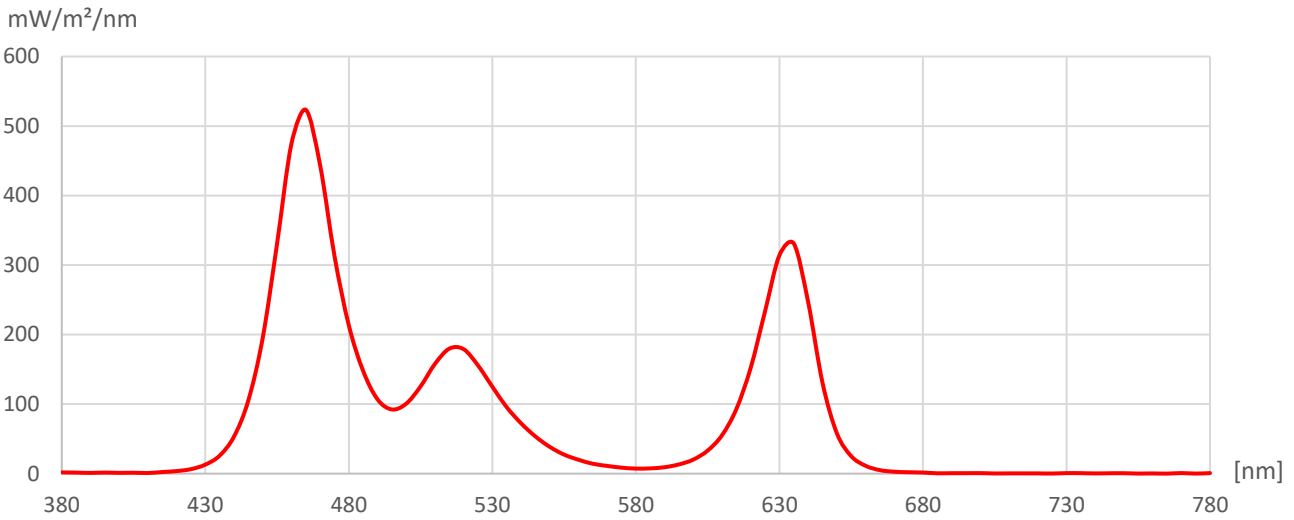


# Measurement Protocol



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: 13:14:29

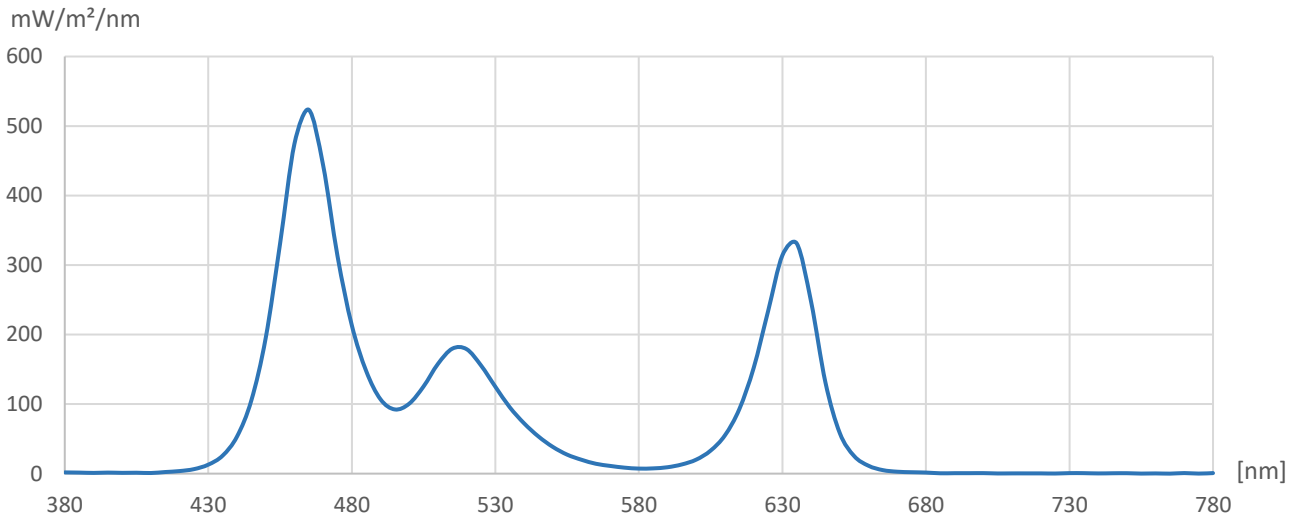


# Measurement Protocol



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

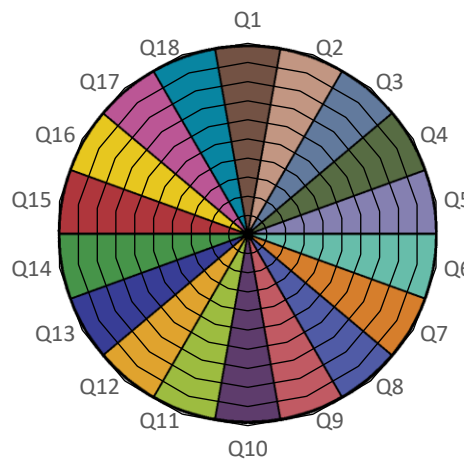
Measurement file: LST-RGB.CSV  
 Date of measurement: 01.05.2024  
 Time of measurement: 13:14:29



correlated color temperature (CCT) > 50000  
 TLCI 0

Reference 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