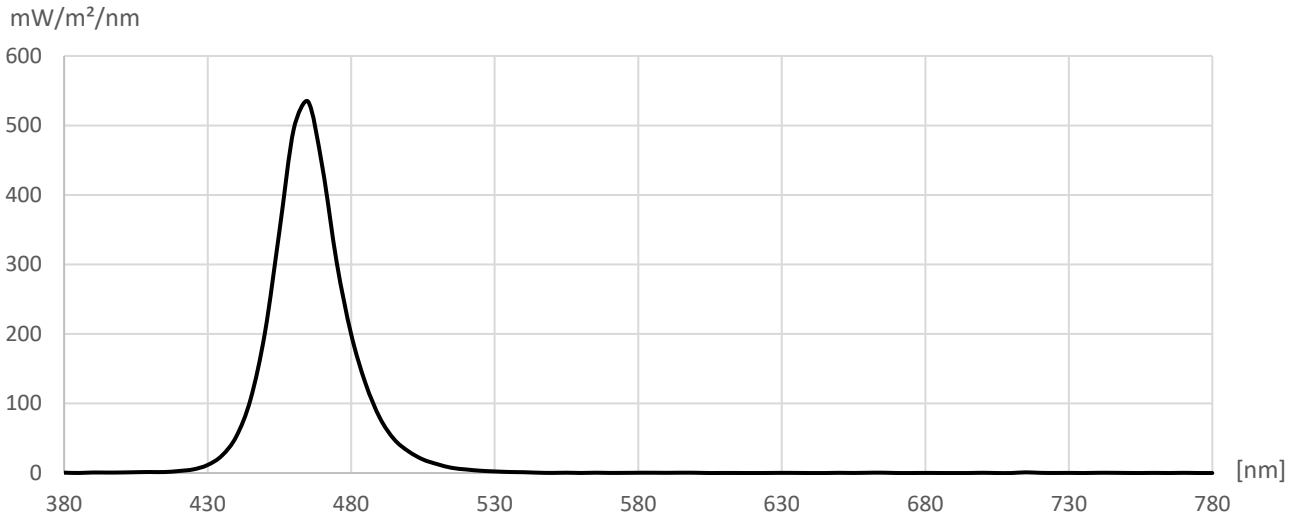


# Measurement Protocol



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: 13:17:09



R1 = -	Ra = -	Illuminance	1,007.66 lx	CIE1931
R2 = -	Re = -	Ee	15.409 W/m <sup>2</sup>	x = 0.1345
R3 = -	GAI = -	LER	65.4 lm/W	y = 0.0574
R4 = -				
R5 = -	TLCI = 0.0	Correlated Color Temperature (CCT)	> 50000	CIE1976
R6 = -		Duv	-	u' = 0.1573
R7 = -	PPFD			v' = 0.1510
R8 = -	[μmol/m <sup>2</sup> s]	Saturation	97.90 %	
R9 = -	60.00			CIE1960
R10 = -		Dominant wavelength	462 nm	u = 0.1573
R11 = -		Peak wavelength	464 nm	v = 0.1007
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	0.48	440	52.73	500	31.09	560	0.08	620	0.00	680	0.13	740	0.31
385	0.07	445	106.81	505	19.49	565	0.44	625	0.06	685	0.03	745	0.29
390	0.78	450	202.80	510	12.75	570	0.14	630	0.24	690	0.00	750	0.10
395	0.65	455	347.64	515	7.47	575	0.21	635	0.16	695	0.00	755	0.00
400	0.78	460	494.89	520	5.14	580	0.38	640	0.01	700	0.35	760	0.17
405	1.18	465	534.29	525	3.28	585	0.41	645	0.00	705	0.00	765	0.00
410	1.45	470	439.44	530	2.31	590	0.27	650	0.29	710	0.00	770	0.25
415	1.40	475	302.12	535	1.50	595	0.47	655	0.08	715	0.99	775	0.02
420	2.91	480	199.62	540	1.17	600	0.37	660	0.38	720	0.24	780	0.00
425	5.23	485	128.99	545	0.48	605	0.00	665	0.50	725	0.08		
430	11.56	490	79.28	550	0.16	610	0.11	670	0.02	730	0.19		
435	25.17	495	48.38	555	0.46	615	0.05	675	0.00	735	0.00		

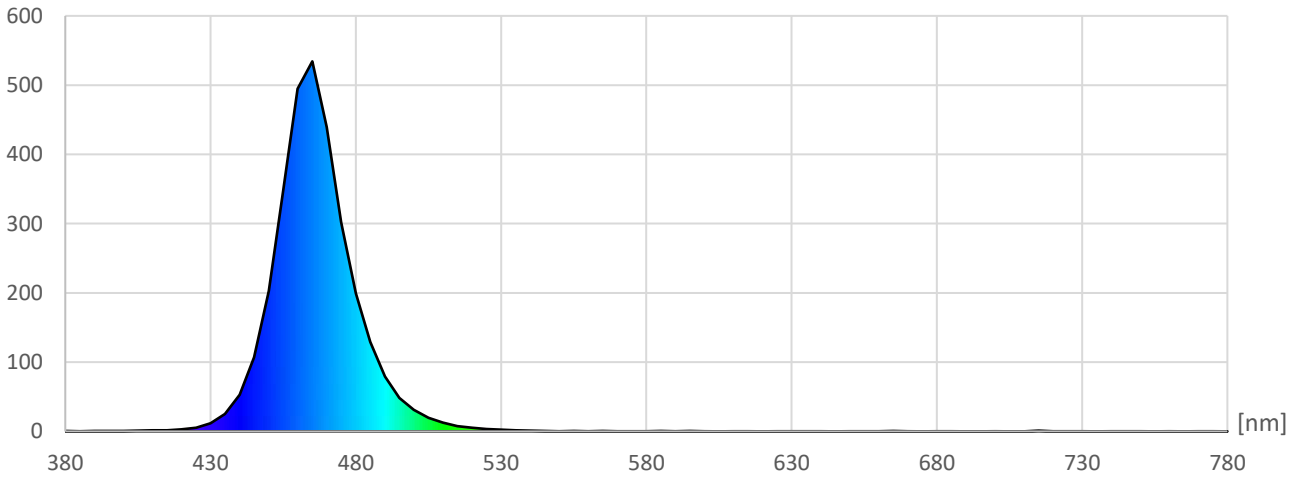
# Measurement Protocol



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: 13:17:09

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



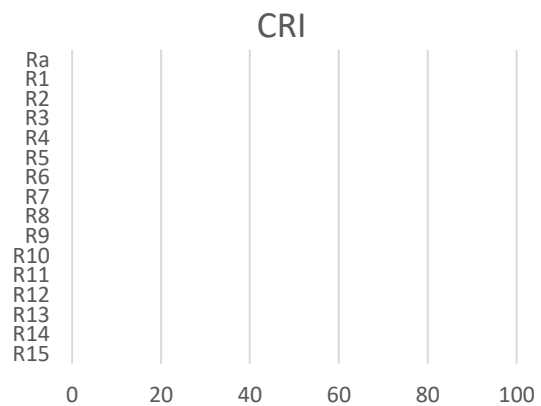
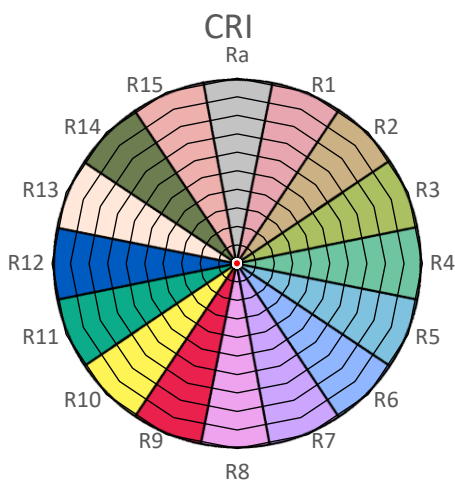
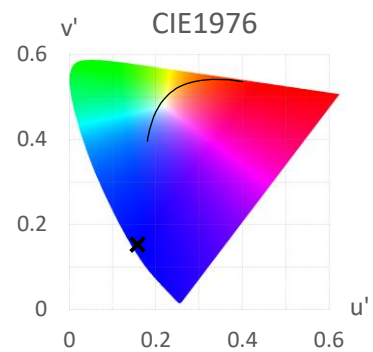
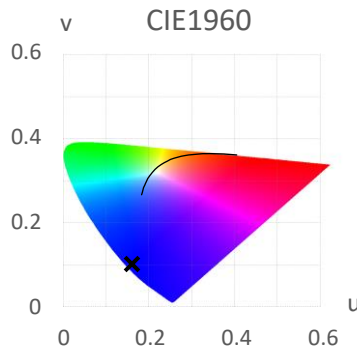
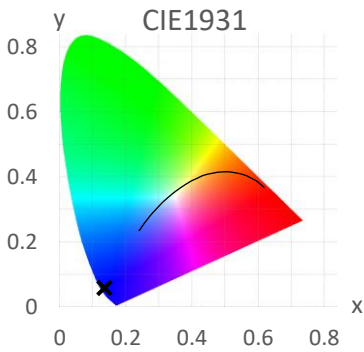
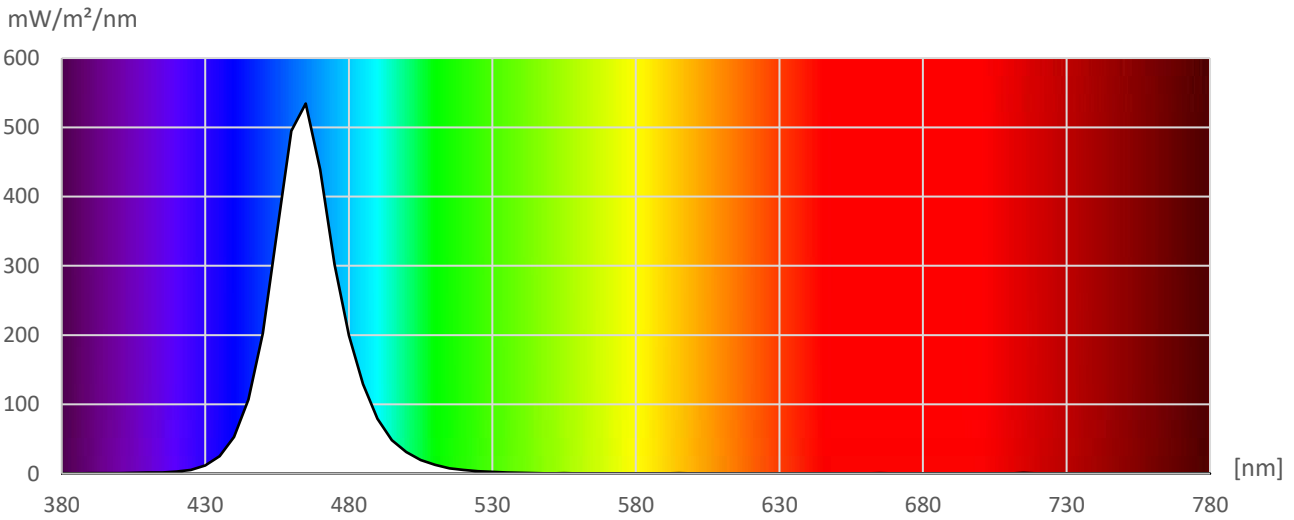
[nm]	mW/m <sup>2</sup> /nm	[nm]	mW/m <sup>2</sup> /nm	[nm]	mW/m <sup>2</sup> /nm	[nm]	mW/m <sup>2</sup> /nm	[nm]	mW/m <sup>2</sup> /nm	[nm]	mW/m <sup>2</sup> /nm	[nm]	mW/m <sup>2</sup> /nm
380	0.48	535	1.50	690	0.00								
385	0.07	540	1.17	695	0.00								
390	0.78	545	0.48	700	0.35								
395	0.65	550	0.16	705	0.00								
400	0.78	555	0.46	710	0.00								
405	1.18	560	0.08	715	0.99								
410	1.45	565	0.44	720	0.24								
415	1.40	570	0.14	725	0.08								
420	2.91	575	0.21	730	0.19								
425	5.23	580	0.38	735	0.00								
430	11.56	585	0.41	740	0.31								
435	25.17	590	0.27	745	0.29								
440	52.73	595	0.47	750	0.10								
445	106.81	600	0.37	755	0.00								
450	202.80	605	0.00	760	0.17								
455	347.64	610	0.11	765	0.00								
460	494.89	615	0.05	770	0.25								
465	534.29	620	0.00	775	0.02								
470	439.44	625	0.06	780	0.00								
475	302.12	630	0.24										
480	199.62	635	0.16										
485	128.99	640	0.01										
490	79.28	645	0.00										
495	48.38	650	0.29										
500	31.09	655	0.08										
505	19.49	660	0.38										
510	12.75	665	0.50										
515	7.47	670	0.02										
520	5.14	675	0.00										
525	3.28	680	0.13										
530	2.31	685	0.03										

# 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  
 Time of measurement: 13:17:09

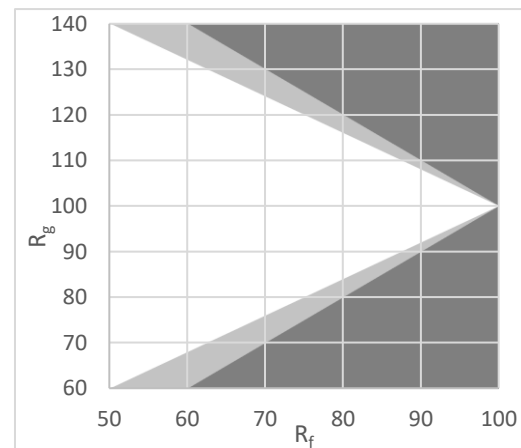
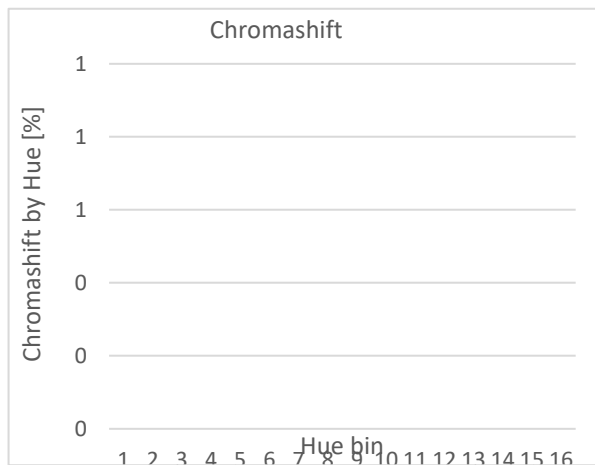
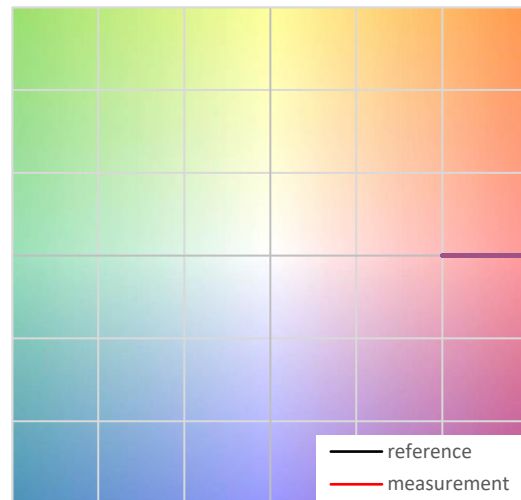
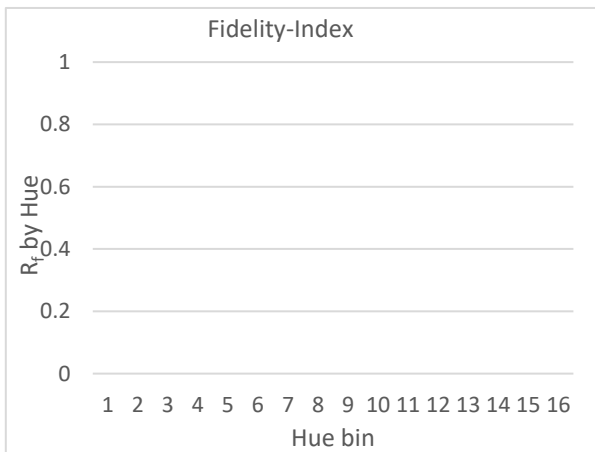
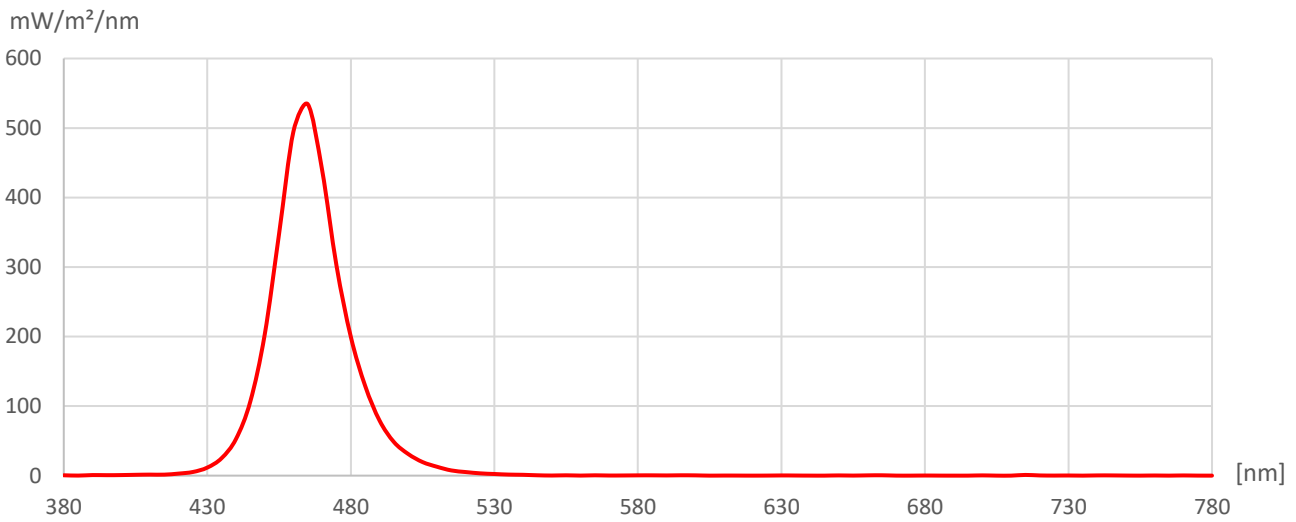


# Measurement Protocol



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: 13:17:09

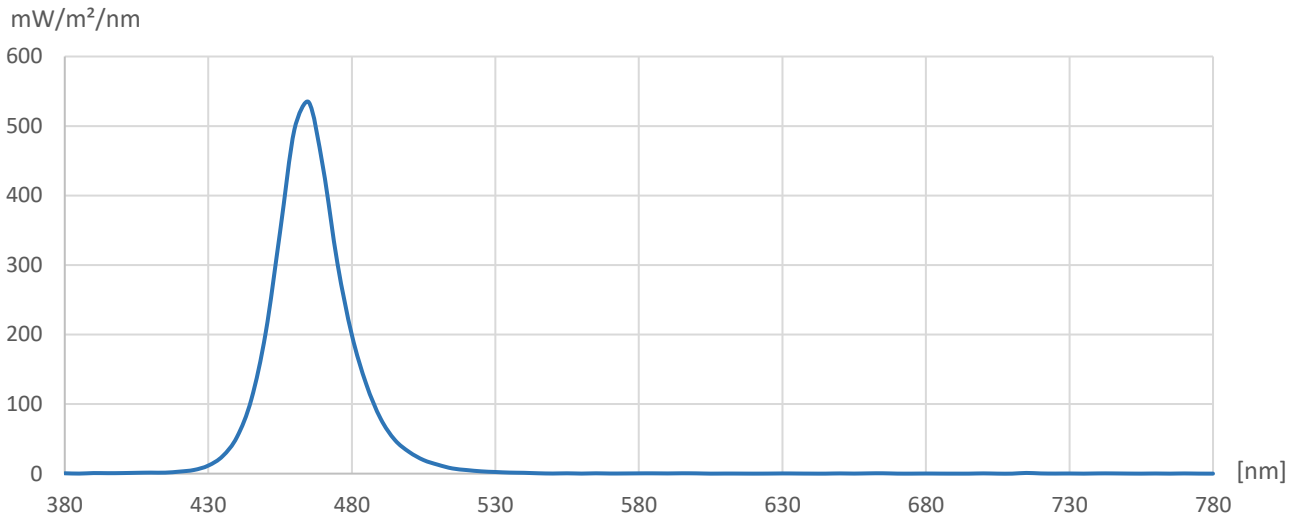


# Measurement Protocol



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

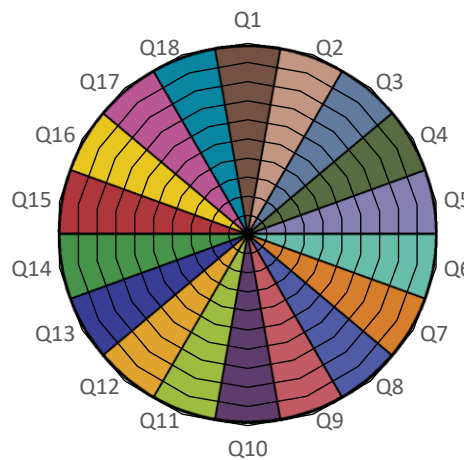
Measurement file: LST-RGB.CSV  
 Date of measurement: 01.05.2024  
 Time of measurement: 13:17:09



correlated color temperature (CCT) > 50000  
 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