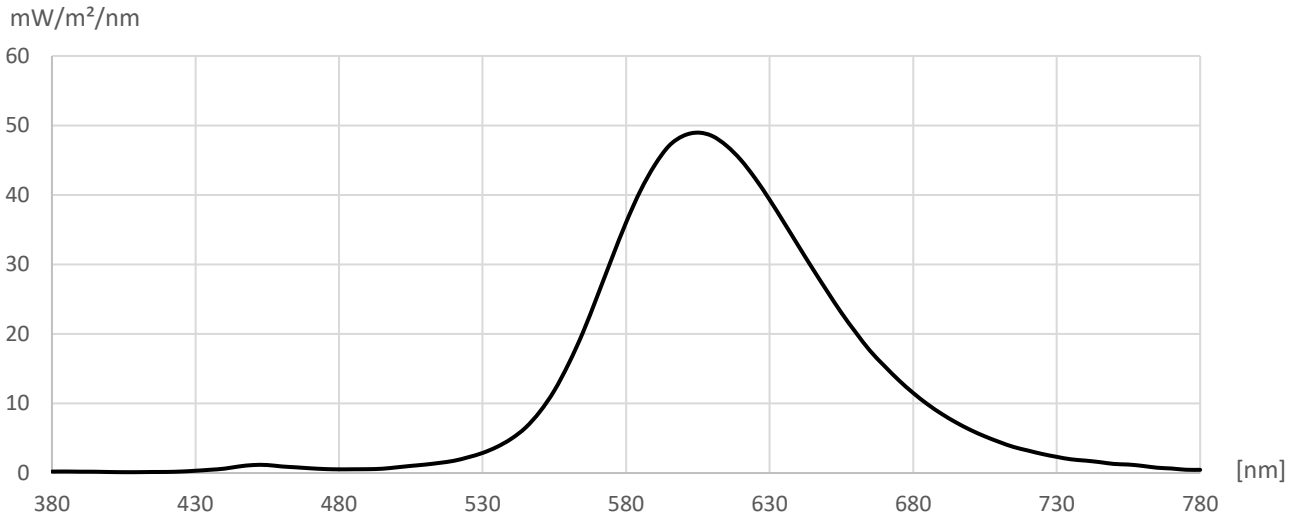


Measurement Protocol



Manufacturer: Flexfire LEDs, Inc.
 Type: Amber LED Strip Light
 Model: AMBER

Measurement file: AMBER.CSV
 Date of measurement: 02.10.2023
 Time of measurement: 17:00:45



R1 = -	Ra = -	Illuminance	1,480.67 lx	CIE1931
R2 = -	Re = -	Ee	4.647 W/m²	x = 0.5768
R3 = -	GAI = -	LER	318.6 lm/W	y = 0.4080
R4 = -				
R5 = -	TLCI = 0.0	Correlated Color Temperature (CCT) < 1600		CIE1976
R6 = -		Duv	-	u' = 0.3422
R7 = -	PPFD			v' = 0.5446
R8 = -	[µmol/m²s]	Saturation	95.60 %	
R9 = -	22.80			CIE1960
R10 = -		Dominant wavelength	592 nm	u = 0.3422
R11 = -		Peak wavelength	606 nm	v = 0.3631
R12 = -				
R13 = -		Flicker frequency	% < 1.0	TM30
R14 = -		Percent Flicker	< 1.0	Rf = -
R15 = -		Flicker index	% < 1.0	Rg = -

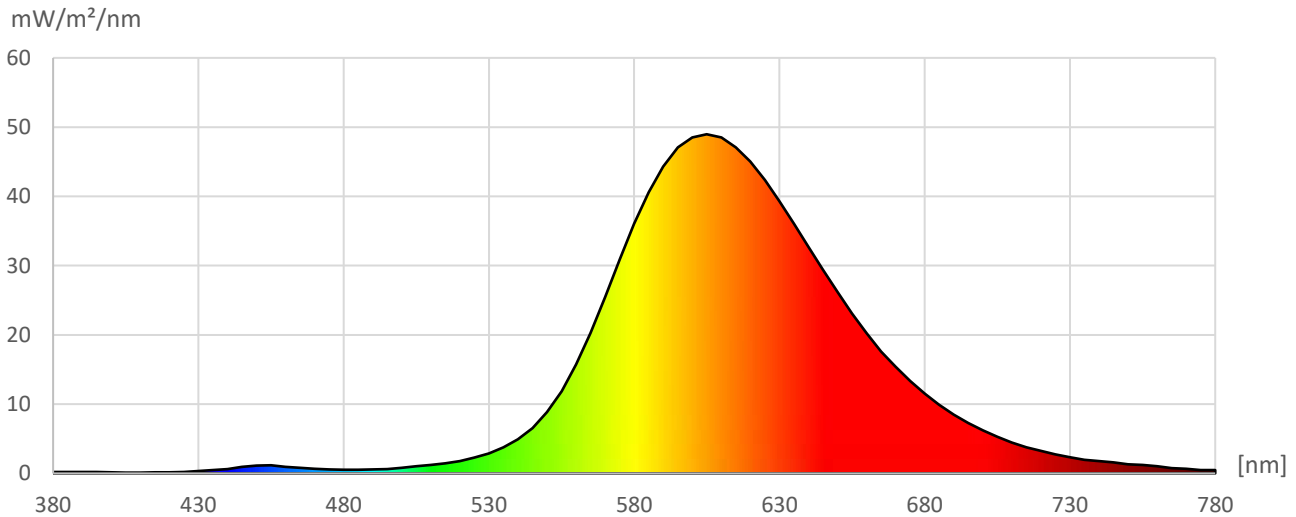
[nm]	mW/m²/nm	[nm]	mW/m²/nm	[nm]	mW/m²/nm	[nm]	mW/m²/nm	[nm]	mW/m²/nm	[nm]	mW/m²/nm	[nm]	mW/m²/nm
380	0.20	440	0.62	500	0.81	560	15.73	620	45.03	680	11.52	740	1.79
385	0.22	445	0.94	505	1.02	565	20.24	625	42.38	685	9.90	745	1.57
390	0.19	450	1.15	510	1.21	570	25.47	630	39.33	690	8.49	750	1.30
395	0.19	455	1.15	515	1.46	575	30.83	635	36.05	695	7.27	755	1.22
400	0.14	460	0.95	520	1.76	580	36.03	640	32.70	700	6.19	760	1.02
405	0.12	465	0.82	525	2.27	585	40.61	645	29.39	705	5.27	765	0.76
410	0.13	470	0.68	530	2.88	590	44.30	650	26.18	710	4.47	770	0.65
415	0.15	475	0.57	535	3.75	595	47.09	655	23.06	715	3.75	775	0.47
420	0.16	480	0.53	540	4.92	600	48.52	660	20.24	720	3.24	780	0.46
425	0.21	485	0.54	545	6.53	605	48.97	665	17.58	725	2.73		
430	0.32	490	0.55	550	8.84	610	48.49	670	15.41	730	2.33		
435	0.46	495	0.62	555	11.85	615	47.08	675	13.35	735	1.97		

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	0.20	535	3.75	690	8.49								
385	0.22	540	4.92	695	7.27								
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450	1.15	605	48.97	760	1.02								
455	1.15	610	48.49	765	0.76								
460	0.95	615	47.08	770	0.65								
465	0.82	620	45.03	775	0.47								
470	0.68	625	42.38	780	0.46								
475	0.57	630	39.33										
480	0.53	635	36.05										
485	0.54	640	32.70										
490	0.55	645	29.39										
495	0.62	650	26.18										
500	0.81	655	23.06										
505	1.02	660	20.24										
510	1.21	665	17.58										
515	1.46	670	15.41										
520	1.76	675	13.35										
525	2.27	680	11.52										
530	2.88	685	9.90										

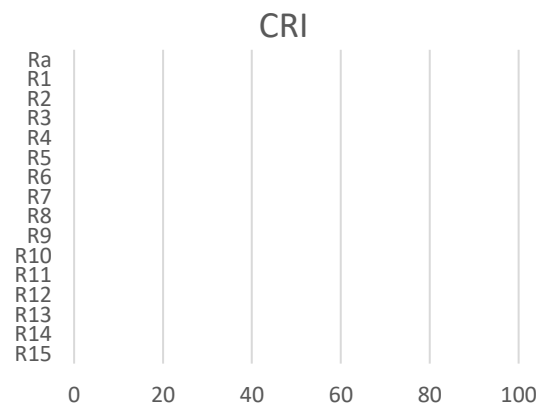
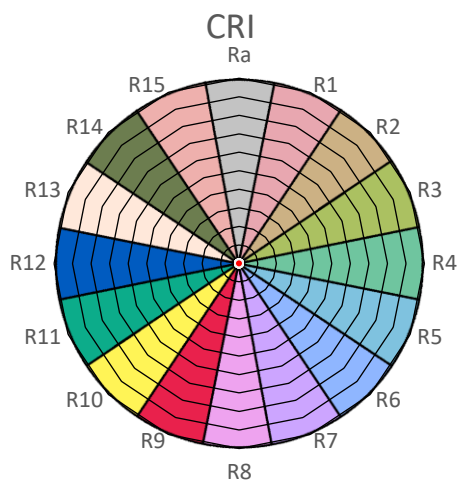
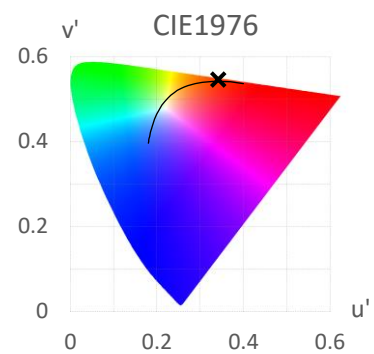
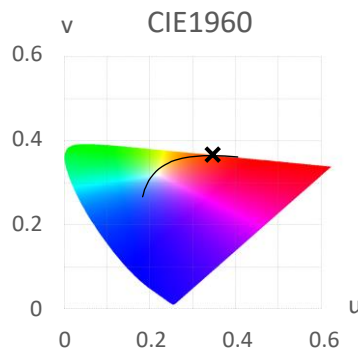
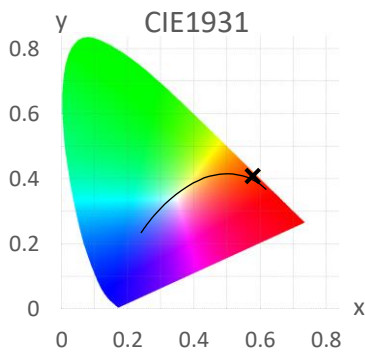
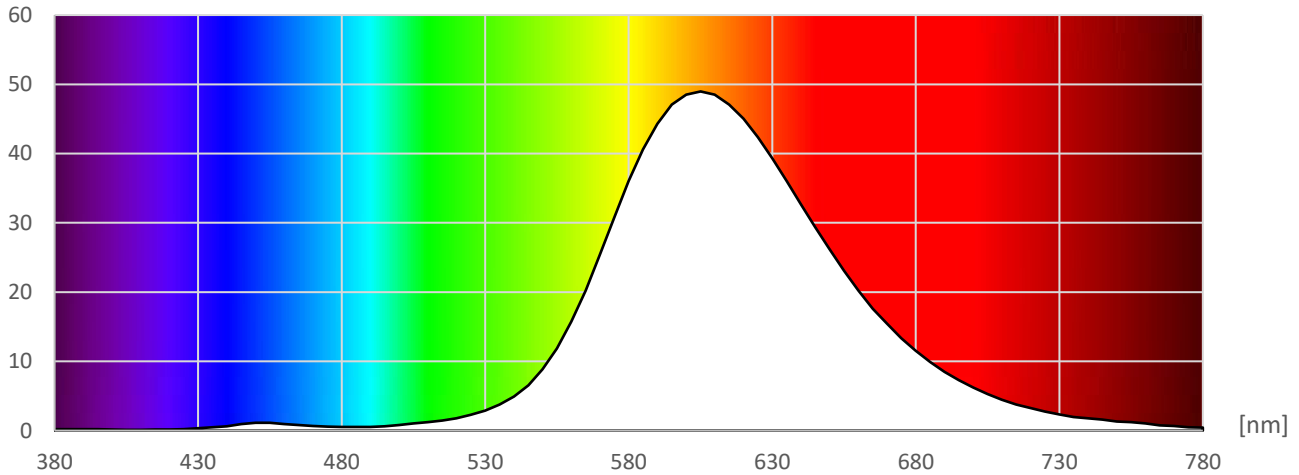
Measurement Protocol



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mW/m²/nm

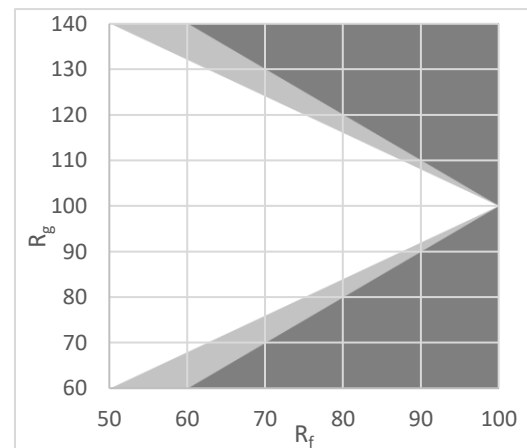
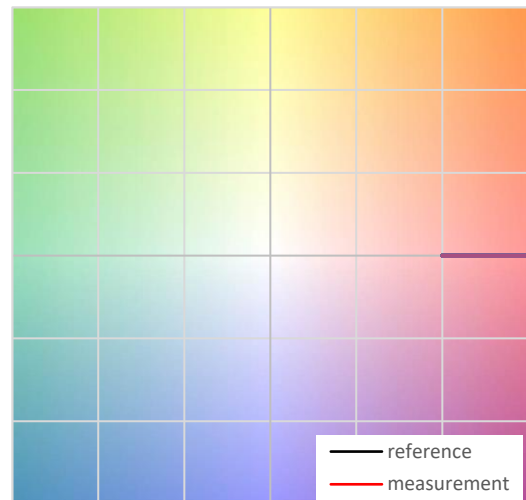
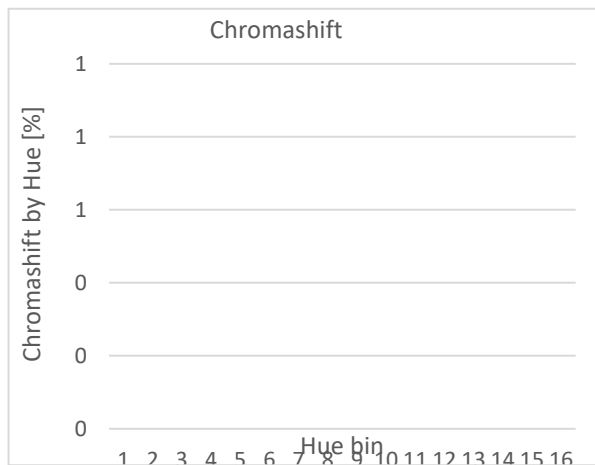
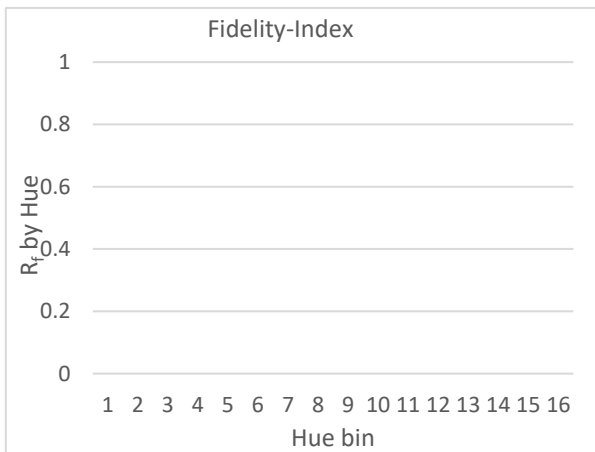
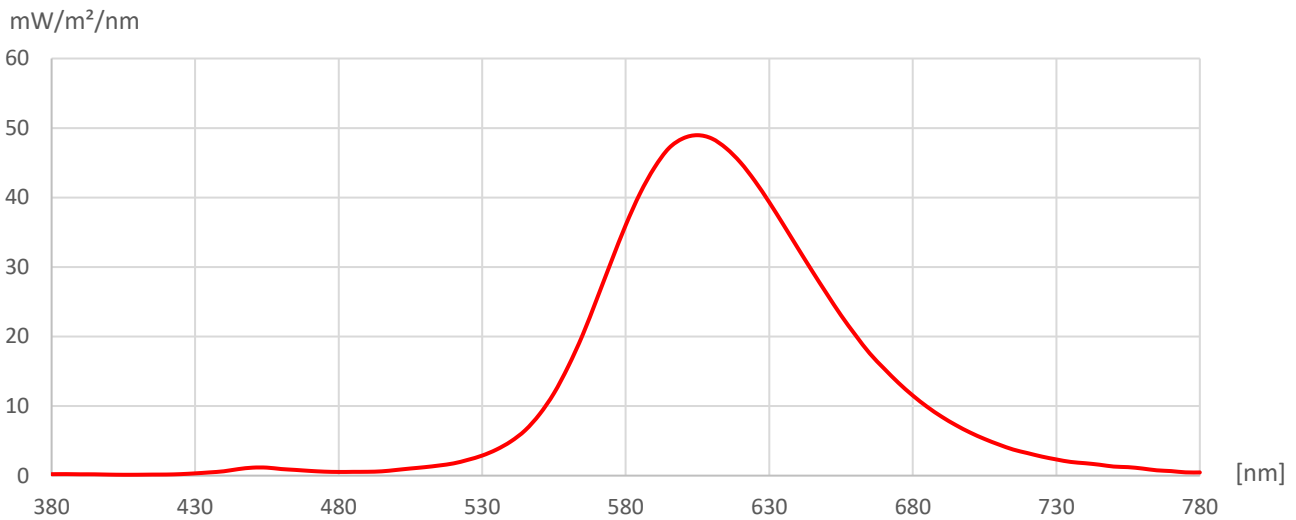


Measurement Protocol



Manufacturer: Flexfire LEDs, Inc.
Type: Amber LED Strip Light
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Measurement file: AMBER.CSV
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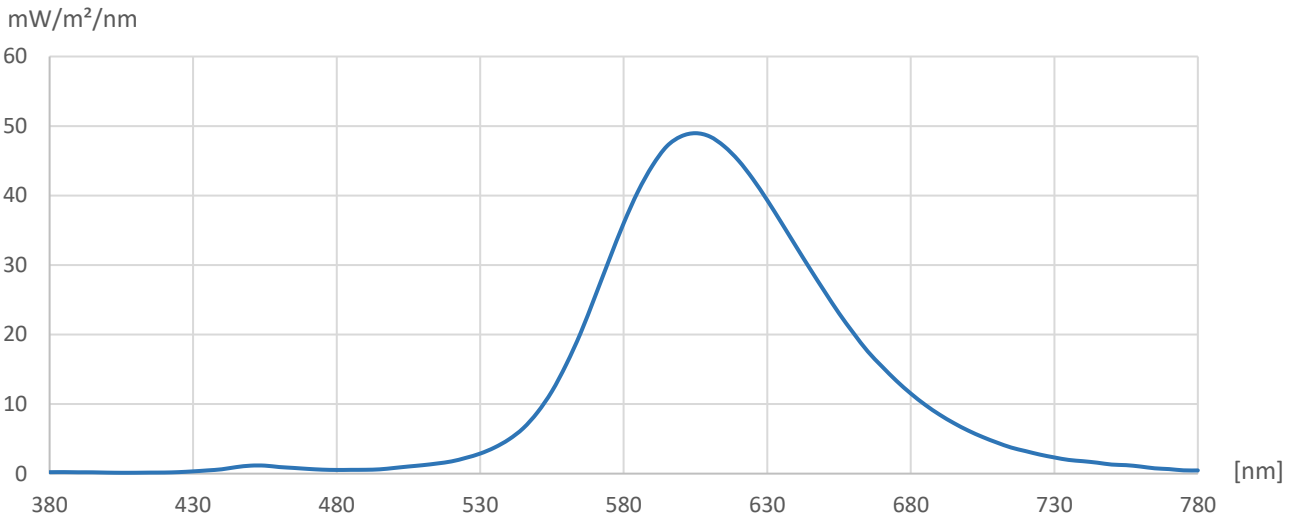


Measurement Protocol



Manufacturer: Flexfire LEDs, Inc.
 Type: Amber LED Strip Light
 Model: AMBER

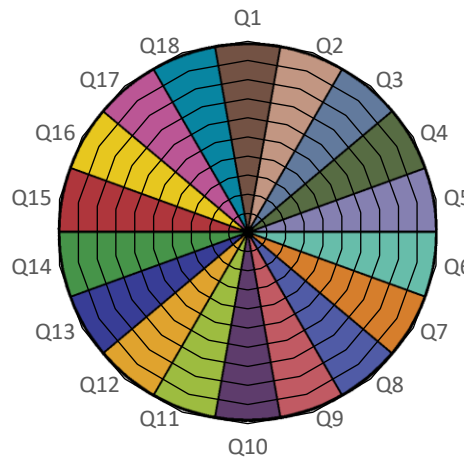
Measurement file: AMBER.CSV
 Date of measurement: 02.10.2023
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correlated color temperature (CCT) < 1600
 TLCI 0

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