

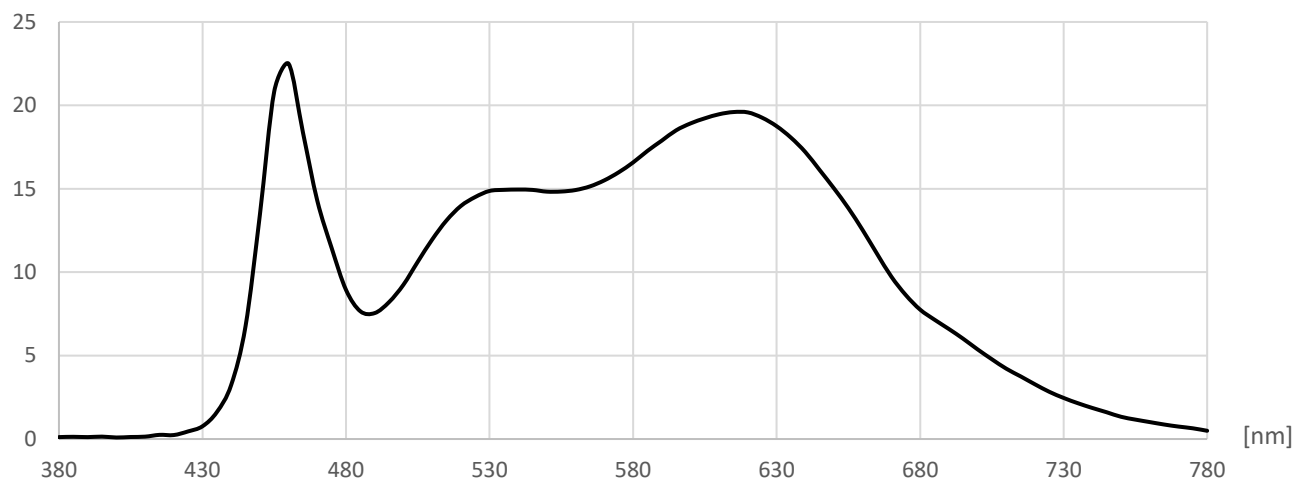
Measurement Protocol

évoralignt

Manufacturer: Évoralight
Type: Symphony™ Tunable White LED Light Bar
Model: LB-TW3050K

Measurement file: LB-TW3050K.CSV
Date of measurement: 13.08.2024
Time of measurement: 12:13:26

mW/m²/nm



R1 = 97.3	Ra = 94.3	Illuminance	1,125.58 lx	CIE1931
R2 = 98.7	Re = 92.4	Ee	3.826 W/m ²	x = 0.3857
R3 = 98.2	GAI = 76.4	LER	294.2 lm/W	y = 0.3758
R4 = 93.2				
R5 = 94.5	TLCI = 93.0	Correlated Color Temperature (CCT)	3,852 K	CIE1976
R6 = 94.7		Duv	-0.0019	u' = 0.2289
R7 = 91.1	PPFD			v' = 0.5019
R8 = 86.9	[μmol/m ² s]	Saturation	28.40 %	
R9 = 73.4	17.32			CIE1960
R10 = 99.0		Dominant wavelength	580 nm	u = 0.2289
R11 = 96.0		Peak wavelength	459 nm	v = 0.3346
R12 = 69.8				
R13 = 99.4		Flicker frequency	% < 1.0	TM30
R14 = 99.4		Percent Flicker	< 1.0	Rf = 86.7
R15 = 94.3		Flicker index	% < 1.0	Rg = 97.5

[nm]	mW/m ² /nm	[nm]	mW/m ² /nm	[nm]	mW/m ² /nm	[nm]	mW/m ² /nm	[nm]	mW/m ² /nm	[nm]	mW/m ² /nm	[nm]	mW/m ² /nm
380	0.12	440	3.24	500	9.25	560	14.93	620	19.58	680	7.76	740	1.86
385	0.13	445	6.76	505	10.63	565	15.14	625	19.26	685	7.15	745	1.60
390	0.11	450	13.44	510	11.95	570	15.51	630	18.75	690	6.60	750	1.33
395	0.14	455	20.84	515	13.10	575	15.99	635	18.07	695	6.01	755	1.16
400	0.09	460	22.50	520	13.97	580	16.58	640	17.20	700	5.38	760	1.02
405	0.12	465	18.38	525	14.51	585	17.27	645	16.12	705	4.78	765	0.87
410	0.14	470	14.29	530	14.87	590	17.89	650	15.02	710	4.22	770	0.75
415	0.25	475	11.45	535	14.93	595	18.50	655	13.84	715	3.76	775	0.64
420	0.24	480	8.94	540	14.95	600	18.92	660	12.52	720	3.28	780	0.49
425	0.46	485	7.66	545	14.93	605	19.22	665	11.10	725	2.83		
430	0.76	490	7.55	550	14.83	610	19.47	670	9.73	730	2.46		
435	1.61	495	8.21	555	14.83	615	19.60	675	8.63	735	2.14		

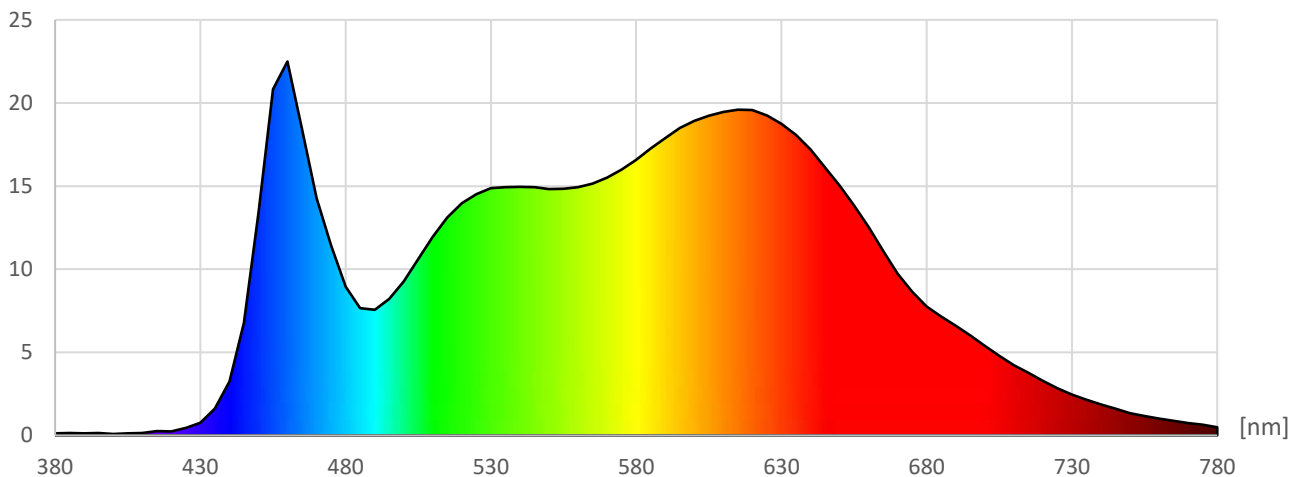
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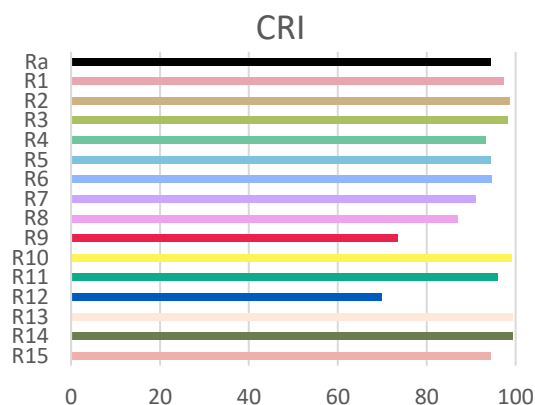
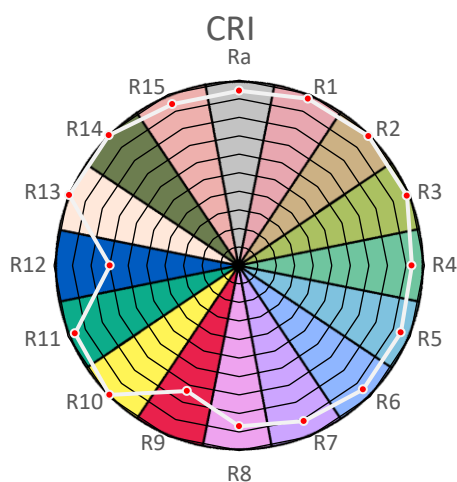
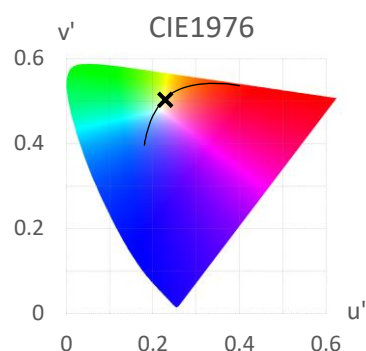
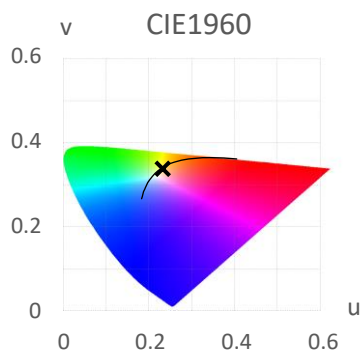
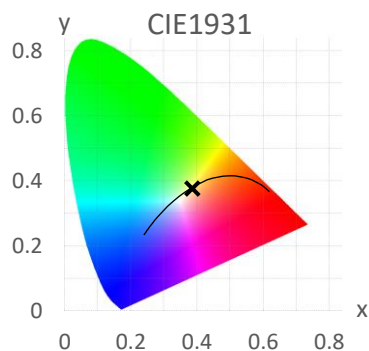
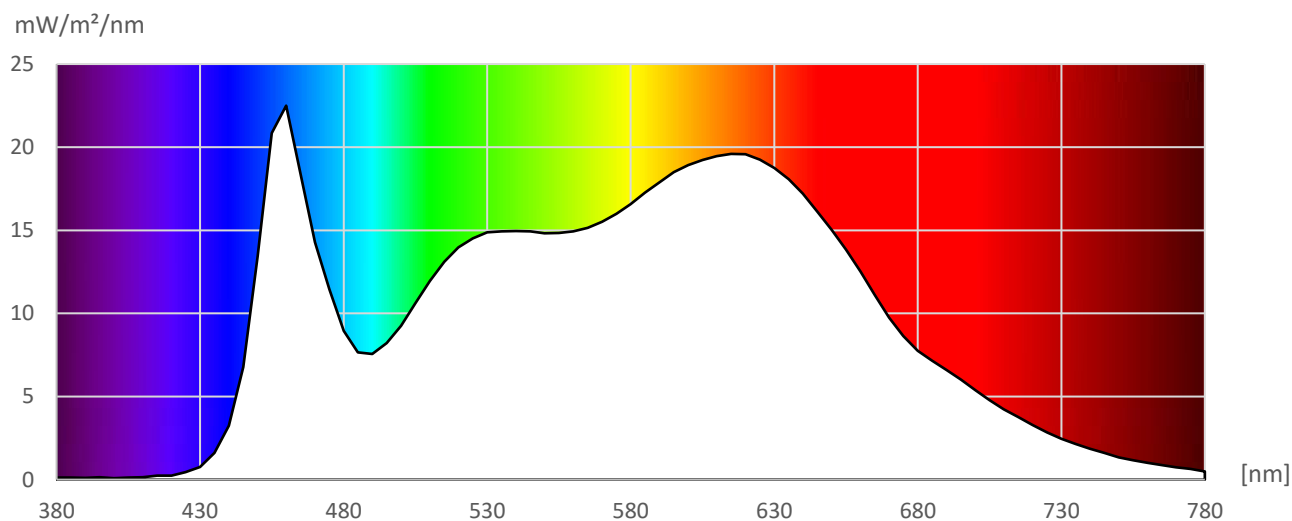
[nm]	mW/m ² /nm	[nm]	mW/m ² /nm	[nm]	mW/m ² /nm	[nm]	mW/m ² /nm	[nm]	mW/m ² /nm	[nm]	mW/m ² /nm	[nm]	mW/m ² /nm
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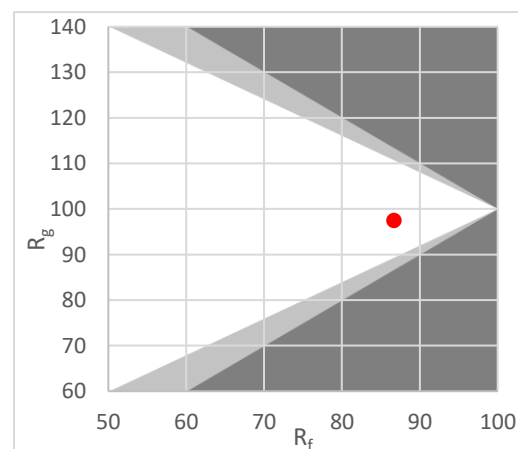
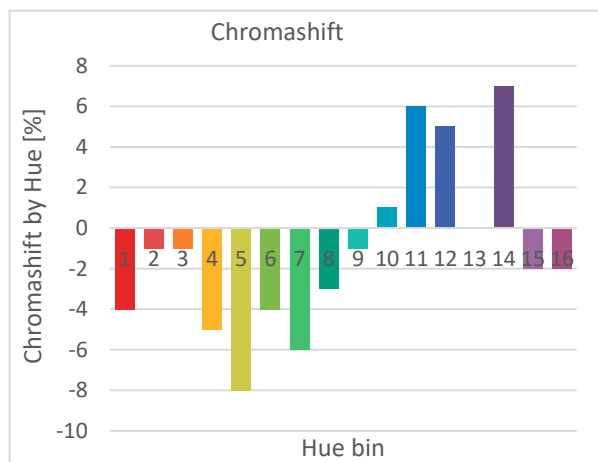
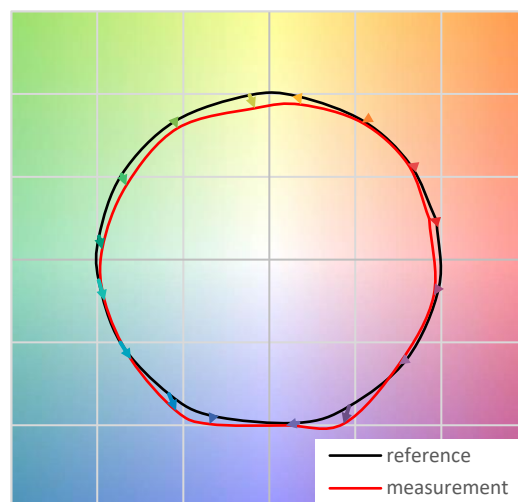
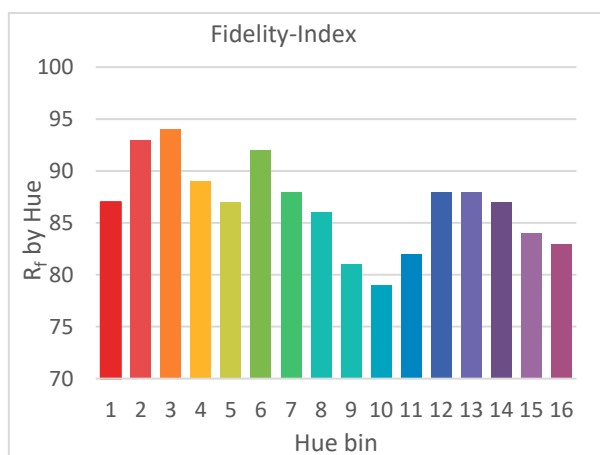
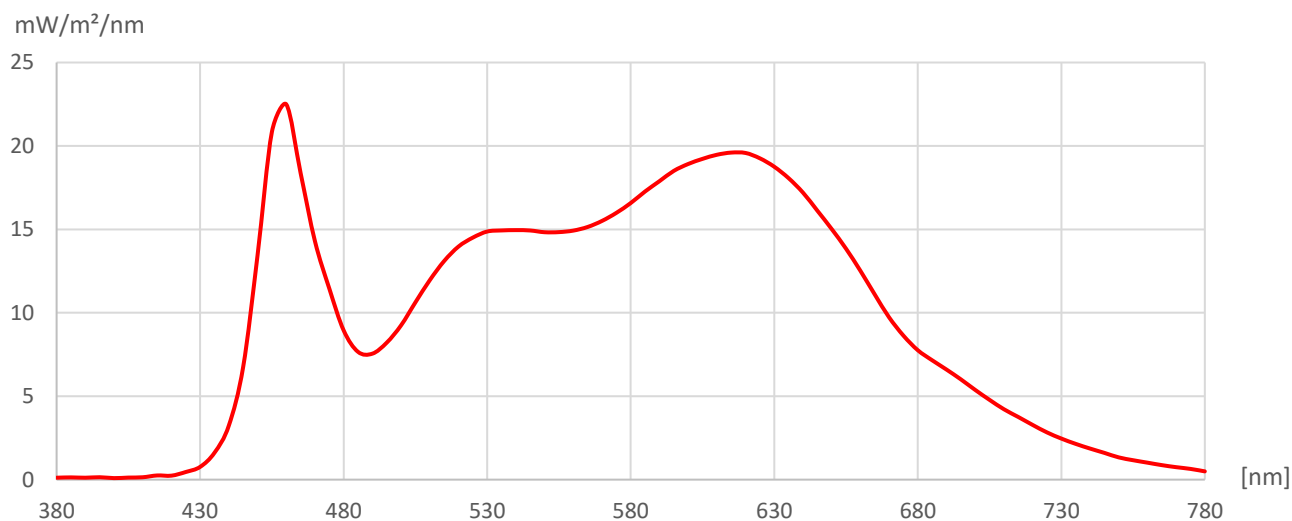


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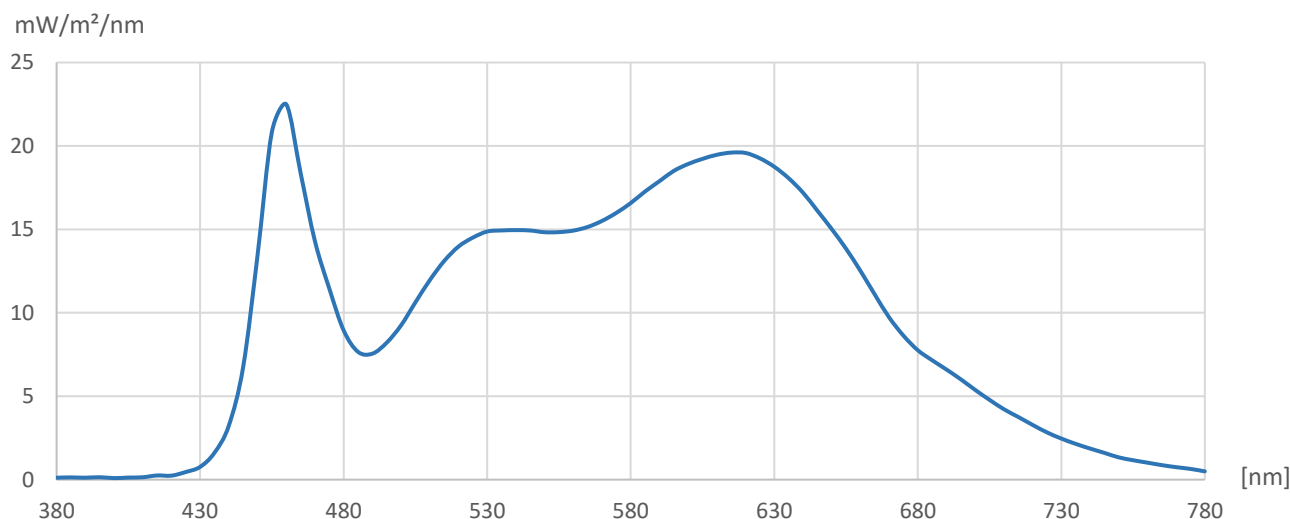


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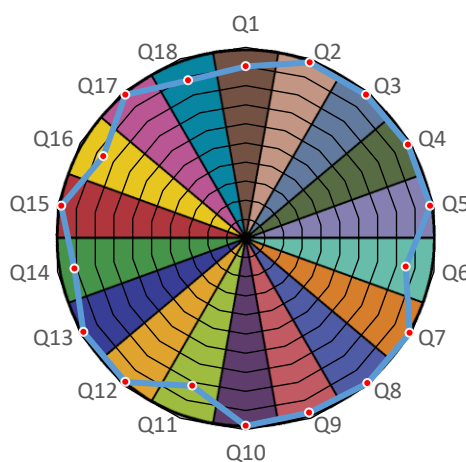
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correlated color temperature (CCT) 3,852 K
TLCI 93

Referencec Spectrum Plank-Daylight Mix

	Lightness	Chroma	Hue
R	2	1	0
R/Y	0	0	-1
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	-1
B	0	-1	0
B/M	1	0	2
M	1	1	1
M/R	1	1	1



Test Colour	Value	Test Colour	Value	Test Colour	Value
Q1 Dark skin	90	Q7 Orange	99	Q13 Blue	98
Q2 Light skin	98	Q8 Purplish blue	99	Q14 Green	91
Q3 Blue sky	98	Q9 Moderate red	97	Q15 Red	98
Q4 Foliage	98	Q10 Purple	98	Q16 Yellow	86
Q5 Blue flower	98	Q11 Yellow green	82	Q17 Magenta	98
Q6 Bluish green	85	Q12 Orange yellow	98	Q18 Cyan	88