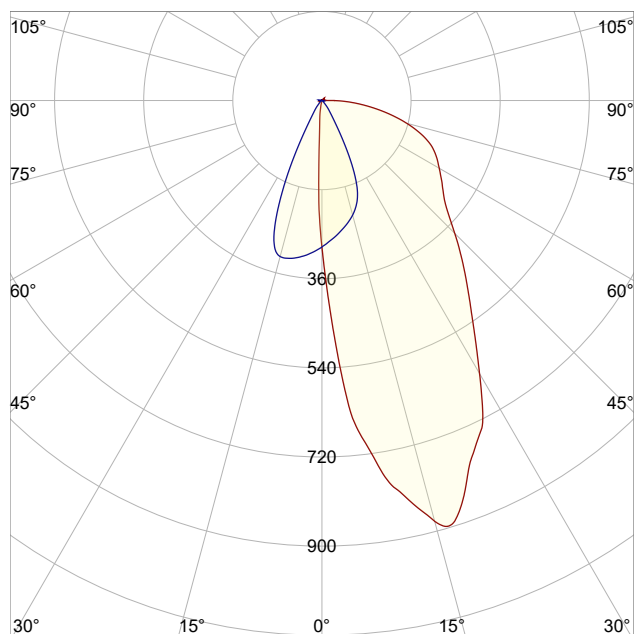
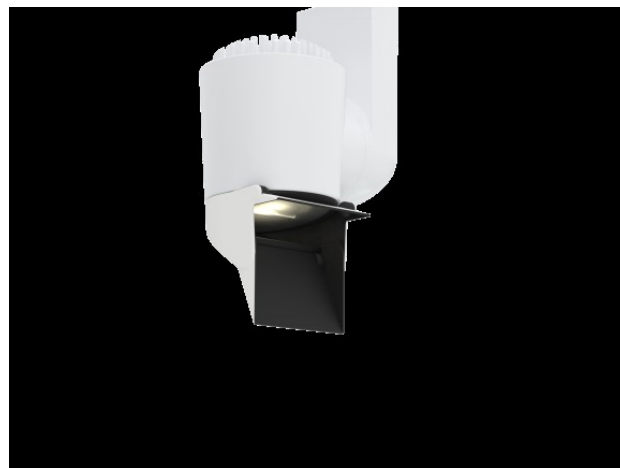
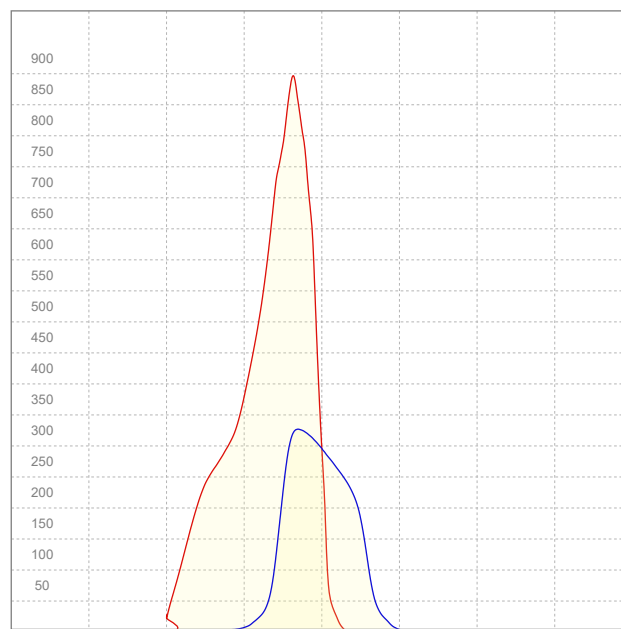


General Discription

Item number	
Date and time	25-8-2025 15:28:05
CCT (Kelvin)	2670 K
Beam angle	37,4° x 48,7°
Luminous flux	797 lm
Efficiency	30 lm/watt
Weighted energy	26,2 kWh/1000h
Power factor	0,94
CRI (RA)	95,2
Fidelity index Rf	Rf 95,1
Gammut index Rg	Rg 100,2
Peak	910 cd



Polar curve



Linear distribution diagram

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Test Report

LM79-JADE-WALLWASH-2700K-CRI98

Beam details	1m	2m	3m	4m	5m
Lux*	296 lx	74 lx	33 lx	18 lx	12 lx

39,1°

*measured at center of beam

Footcandles*	27,5 fcd	6,9 fcd	3,1 fcd	1,7 fcd	1,1 fcd
Beam width (meter)	0,7 m	1,4 m	2,1 m	2,8 m	3,5 m
Beam width (Feet)	2,3 ft	4,7 ft	7 ft	9,3 ft	11,6 ft

Beam intensities																			
1m	2m	3m	4m	5m	6m	7m	8m	9m	10m	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
296lx	74lx	33lx	18lx	12lx	8lx	6lx	5lx	4lx	3lx	2lx	2lx	2lx	2lx	1lx	1lx	1lx	1lx	1lx	1lx
3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	19,7ft	23ft	26,2ft	29,5ft	32,8ft	36,1ft	39,4ft	42,7ft	45,9ft	49,2ft	52,5ft	55,8ft	59,1ft	62,3ft	65,6ft
27,5fcd	6,9fcd	3,1fcd	1,7fcd	1,1fcd	0,8fcd	0,6fcd	0,4fcd	0,3fcd	0,3fcd	0,2fcd	0,2fcd	0,2fcd	0,1fcd	0,1fcd	0,1fcd	0,1fcd	0,1fcd	0,1fcd	0,1fcd

Intensities in 0° c-plane																			
0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
296	409	547	660	720	782	820	859	893	883	842	796	763	736	689	637	589	547	510	477
100%	138%	185%	223%	244%	265%	277%	291%	302%	299%	285%	269%	258%	249%	233%	215%	199%	185%	172%	161%

Intensities in 90° c-plane																			
0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
296	289	281	275	267	260	252	244	235	223	209	189	160	125	88	60	42	31	24	18
100%	98%	95%	93%	90%	88%	85%	82%	79%	76%	71%	64%	54%	42%	30%	20%	14%	10%	8%	6%

Intensities in 180° c-plane																			
0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
296	184	73	43	28	16	7	2	0	0	0	0	0	0	0	0	0	0	0	0
100%	62%	25%	14%	10%	5%	2%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Intensities in 270° c-plane																			
0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
296	302	309	314	319	323	326	327	323	309	281	238	187	136	91	60	42	31	25	20
100%	102%	104%	106%	108%	109%	110%	111%	109%	105%	95%	80%	63%	46%	31%	20%	14%	11%	8%	7%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
39,1°	78,3°	96,6°	81,7%	63,7%



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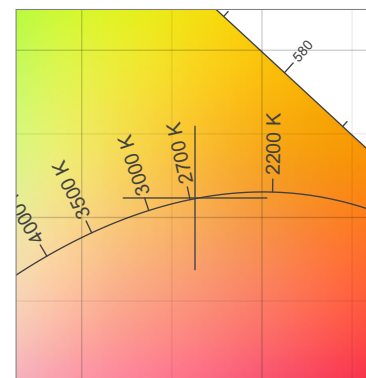
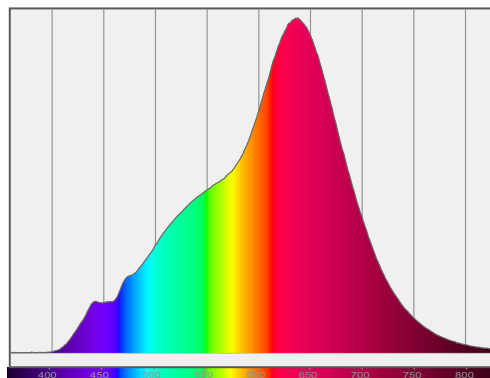
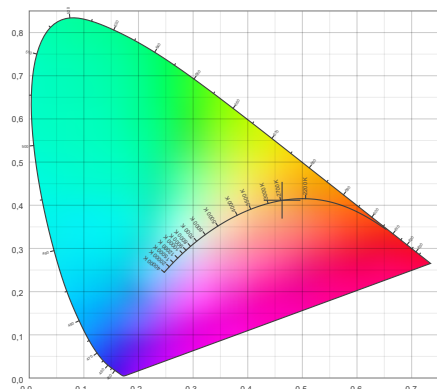
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Test Report

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Color details



CIE 1931

x: 0,463



Spectra

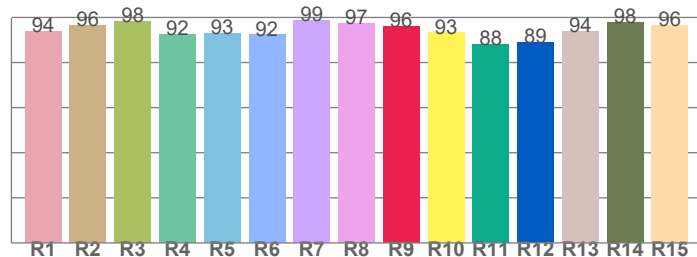
CIE 1931 ZOOM

2670 K

y: 0,412

Δuv : 0,0002

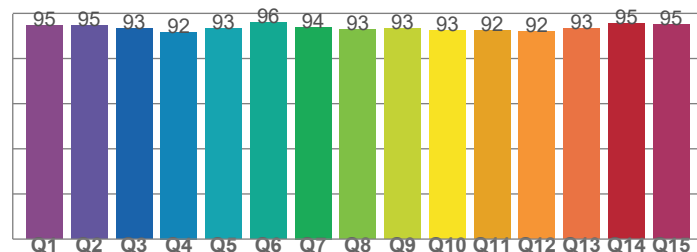
CRI: 95,2 (R1-R8)



CRI values, R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8
93,7	96,3	98,1	92,3	93,0	92,3	98,6	97,5
R9	R10	R11	R12	R13	R14	R15	
95,9	93,2	87,9	88,8	93,8	97,8	96,3	

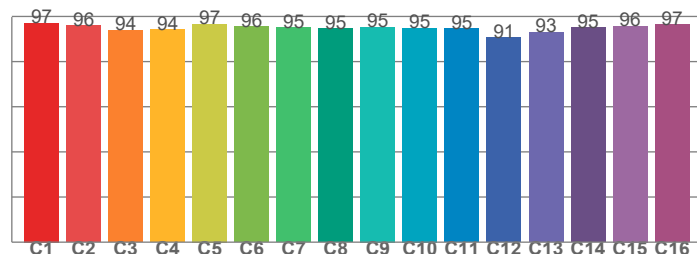
CQS: 93,4



CQS values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
94,6	94,6	93,2	91,7	93,4	96,1	93,9	93,0
Q9	Q10	Q11	Q12	Q13	Q14	Q15	
93,4	92,5	92,3	92,0	93,4	95,5	94,9	

TM30: 95,1



TM30 values, 16 binned values out of total of 99 values

C1	C2	C3	C4	C5	C6	C7	C8
97,1	96,0	93,9	94,1	96,7	95,5	95,2	94,7
C9	C10	C11	C12	C13	C14	C15	
95,3	94,9	94,6	90,8	93,0	95,2	95,8	

Color parameters

Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Color coordinate cie 1931	Color coordinate cie 1931	Color coordinate	Color coordinate	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
2670 K	95,2	95,9	95,1	100,2	93,4	0,463	0,412	0,264	0,352	0,0002



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Test Report

LM79-JADE-WALLWASH-2700K-CRI98

TM30 details

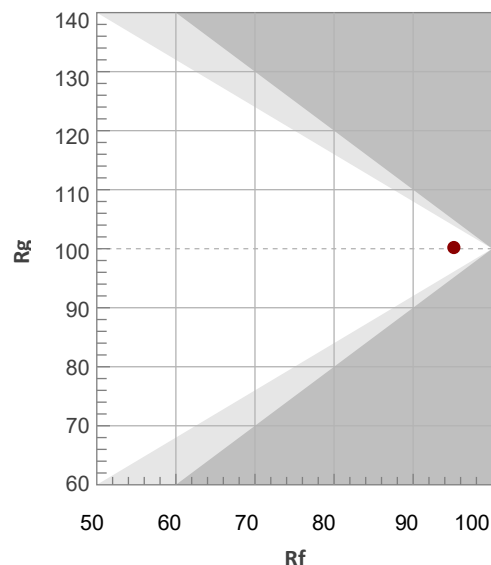
Rf 95,1

Fidelity index Rf

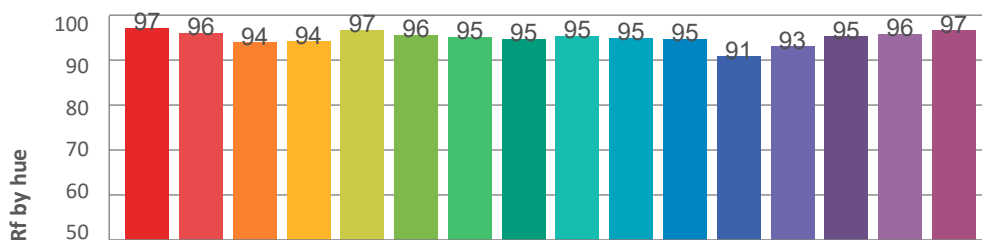
Rg 100,2

Gamut index Rg

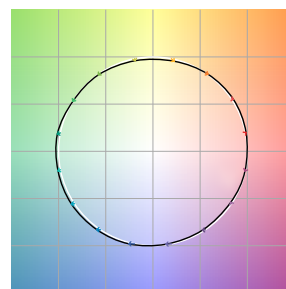
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	97	1%	0%
2	96	1%	-2%
3	94	0%	-3%
4	94	-2%	-3%
5	97	-2%	0%
6	96	-1%	3%
7	95	0%	3%
8	95	3%	2%
9	95	3%	1%
10	95	3%	-2%
11	95	2%	-3%
12	91	1%	-6%
13	93	-1%	-6%
14	95	-1%	-3%
15	96	-1%	1%
16	97	0%	-2%



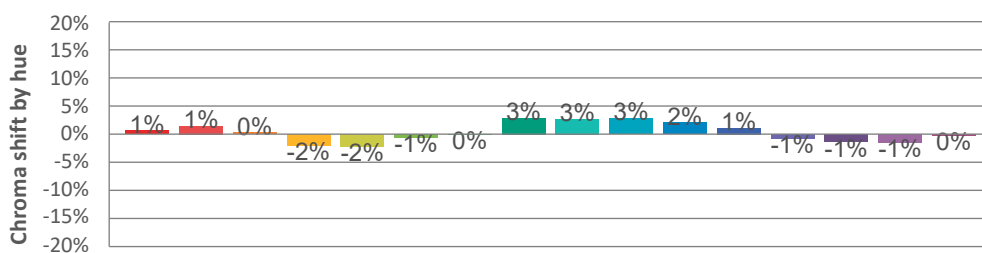
Hue binH



Color vector graphics



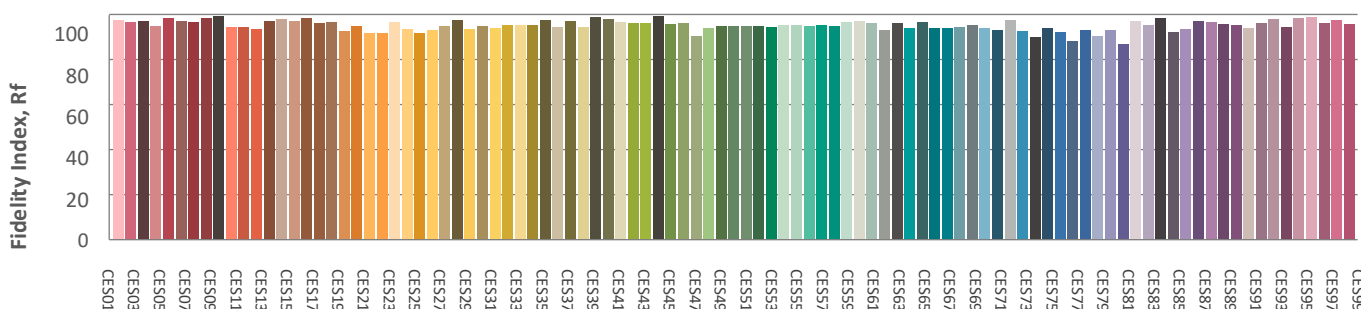
Hue bin



Color distortion graphics



Color Evaluation Sample



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Corrected glare indices referring to 797lm total luminous flux

