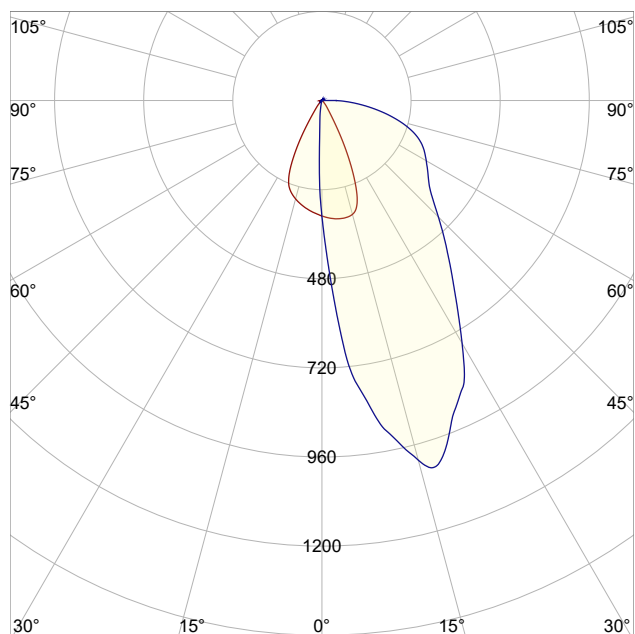
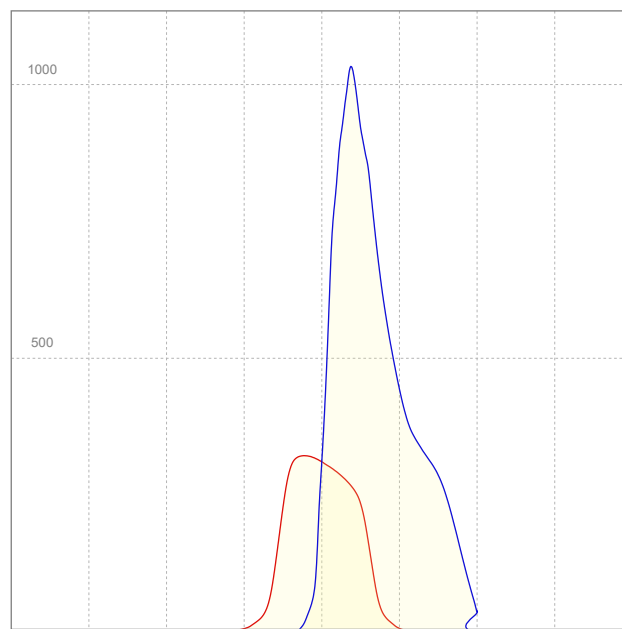


General Discription

Item number	
Date and time	16-6-2025 15:22:06
CCT (Kelvin)	3071 K
Beam angle	52,4° x 37,2°
Luminous flux	775 lm
Efficiency	30 lm/watt
Weighted energy	26,2 kWh/1000h
Power factor	0,97
CRI (RA)	95,6
Fidelity index Rf	Rf 96,4
Gammut index Rg	Rg 101,1
Peak	1031 cd



Polar curve



Linear distribution diagram

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Test Report

LM79-JADE-WALLWASH-3000K-CRI98

Beam details	1m	2m	3m	4m	5m
Lux*	311 lx	78 lx	35 lx	19 lx	12 lx

40,5°

*measured at center of beam

Footcandles*	28,9 fcd	7,2 fcd	3,2 fcd	1,8 fcd	1,2 fcd
Beam width (meter)	0,7 m	1,5 m	2,2 m	3 m	3,7 m
Beam width (Feet)	2,4 ft	4,8 ft	7,3 ft	9,7 ft	12,1 ft

Beam intensities																			
1m	2m	3m	4m	5m	6m	7m	8m	9m	10m	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
311lx	78lx	35lx	19lx	12lx	9lx	6lx	5lx	4lx	3lx	3lx	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
28,9fcd	7,2fcd	3,2fcd	1,8fcd	1,2fcd	0,8fcd	0,6fcd	0,5fcd	0,4fcd	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°
311	314	318	320	321	322	321	319	314	301	276	238	192	144	100	64	43	31	23	18
100%	101%	102%	103%	103%	104%	103%	103%	101%	97%	89%	77%	62%	46%	32%	21%	14%	10%	8%	6%

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°
311	430	578	725	801	876	928	978	1023	1024	984	932	894	862	816	755	697	646	600	560
100%	138%	186%	233%	258%	282%	298%	315%	329%	329%	316%	300%	288%	277%	262%	243%	224%	208%	193%	180%

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°
311	307	303	299	294	289	283	277	271	263	253	239	216	183	143	104	68	45	31	23
100%	99%	97%	96%	95%	93%	91%	89%	87%	85%	81%	77%	69%	59%	46%	33%	22%	14%	10%	8%

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°
311	194	87	51	33	18	8	2	0	0	0	0	0	0	0	0	0	0	0	0
100%	62%	28%	17%	11%	6%	3%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
40,5°	80,8°	98,2°	81,8%	63,8%



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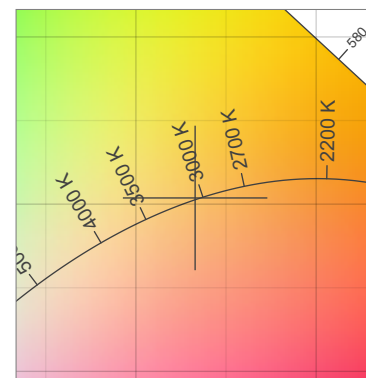
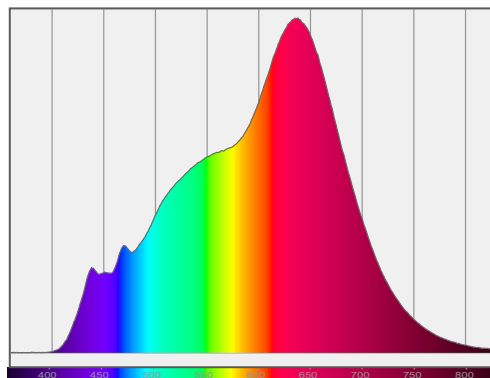
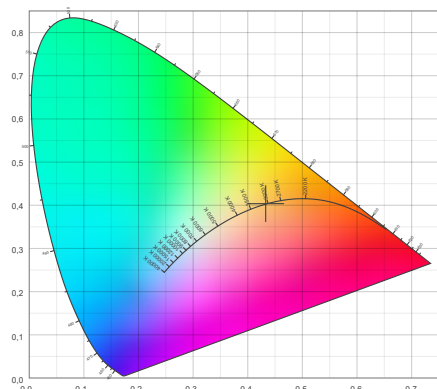
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Test Report

LM79-JADE-WALLWASH-3000K-CRI98

Color details



CIE 1931

x: 0,433



Spectra

CIE 1931 ZOOM

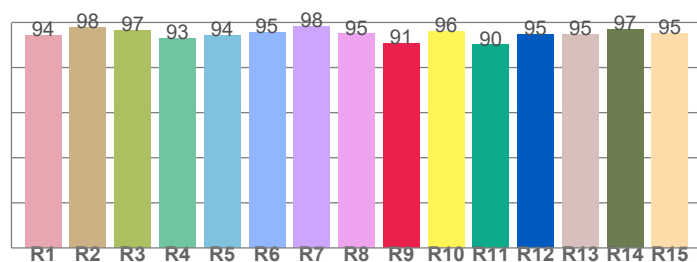
3071 K

y: 0,404

Δuv : 0,0005

CRI: 95,6 (R1-R8)

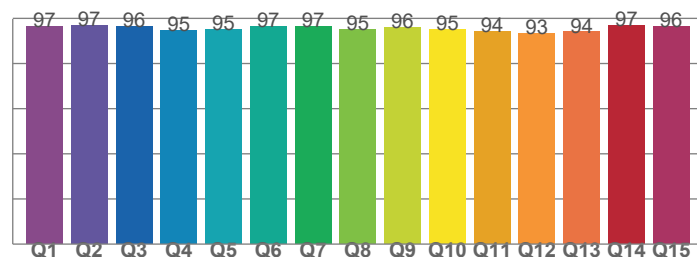
CRI values, R1-R8 are used to calculate final CRI value



R1	R2	R3	R4	R5	R6	R7	R8
94,2	97,6	96,6	93,1	94,4	95,4	98,1	94,9
R9	R10	R11	R12	R13	R14	R15	
90,6	96,1	90,1	94,8	94,8	97,1	95,3	

CQS: 95,4

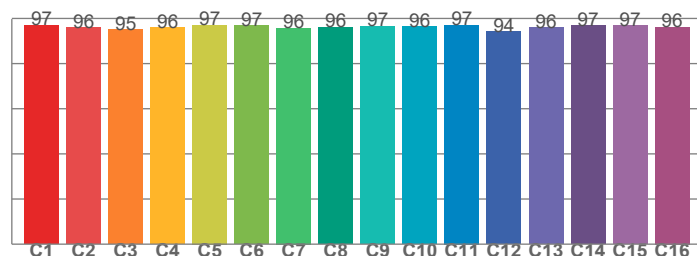
CQS values



Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
96,6	97,0	96,4	94,7	95,1	96,6	96,6	95,1
Q9	Q10	Q11	Q12	Q13	Q14	Q15	
95,8	95,2	94,1	93,2	94,0	96,8	96,4	

TM30: 96,4

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



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

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
3071 K	95,6	90,6	96,4	101,1	95,4	0,433	0,404	0,248	0,347	0,0005



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Test Report

LM79-JADE-WALLWASH-3000K-CRI98

TM30 details

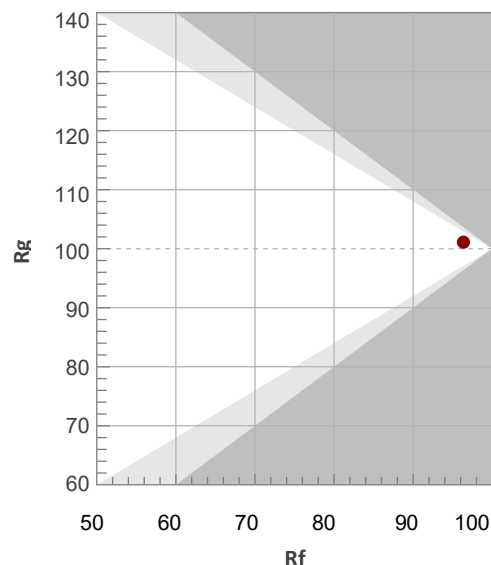
Rf 96,4

Fidelity index Rf

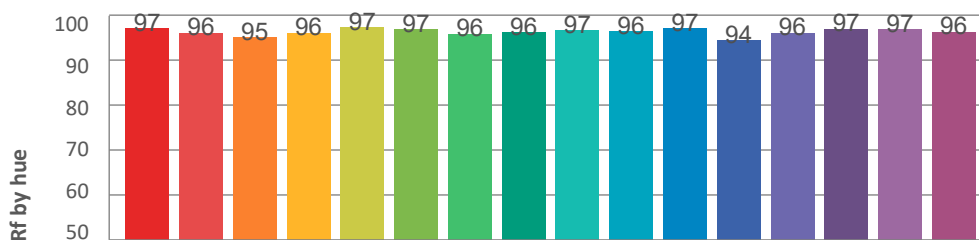
Rg 101,1

Gamut index Rg

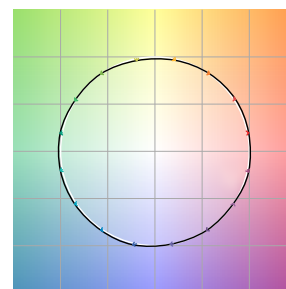
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	97	1%	0%
2	96	2%	-2%
3	95	0%	-2%
4	96	-1%	-2%
5	97	-2%	0%
6	97	0%	2%
7	96	0%	3%
8	96	2%	1%
9	97	2%	1%
10	96	2%	-1%
11	97	1%	-1%
12	94	2%	-4%
13	96	0%	-3%
14	97	0%	-1%
15	97	0%	0%
16	96	2%	-2%



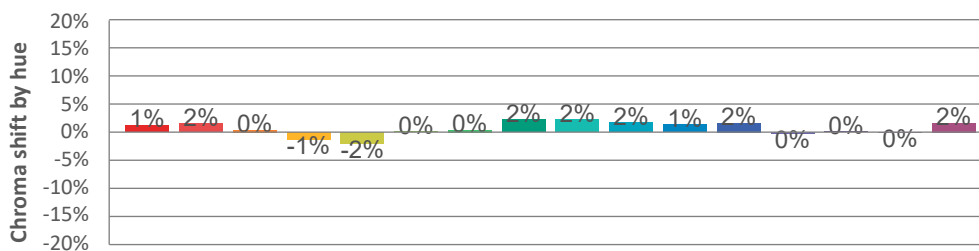
Hue binH



Color vector graphics



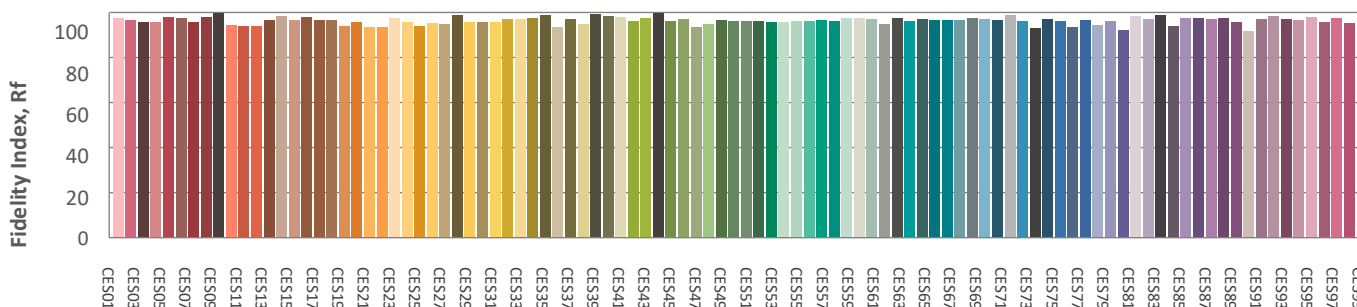
Hue bin



Color distortion graphics



Color Evaluation Sample



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Test Report

LM79-JADE-WALLWASH-3000K-CRI98

Glare Evaluation According to UGR

p Ceiling	70	70	50	50	30	70	70	50	50	30
p Walls	50	30	50	30	30	50	30	50	30	30
p Floor	20	20	20	20	20	20	20	20	20	20
Room size X Y	Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Variation of the observer position for the luminaire distance S										
n/a	n/a					n/a				
n/a	n/a					n/a				
n/a	n/a					n/a				
Standard table	n/a					n/a				
Correction summand	n/a					n/a				
Corrected glare indices referring to 775lm total luminous flux										



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