

LM-79

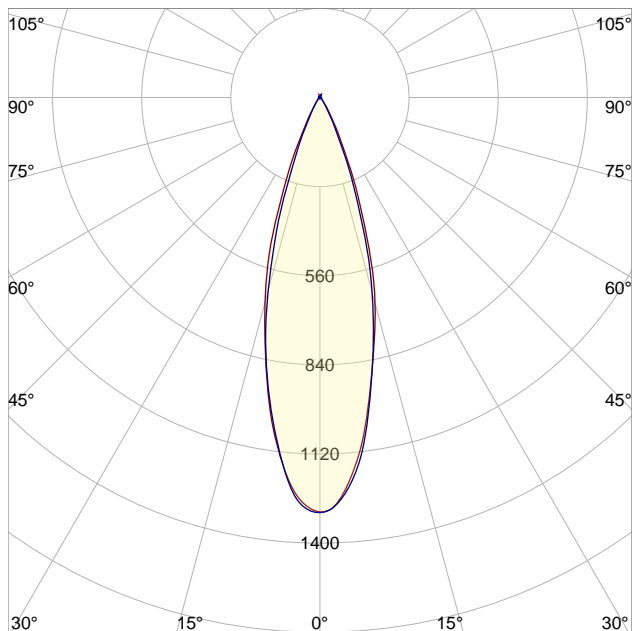
Test Report

LM79-REVO-COMPACT-DMX-RGBW-DEG30

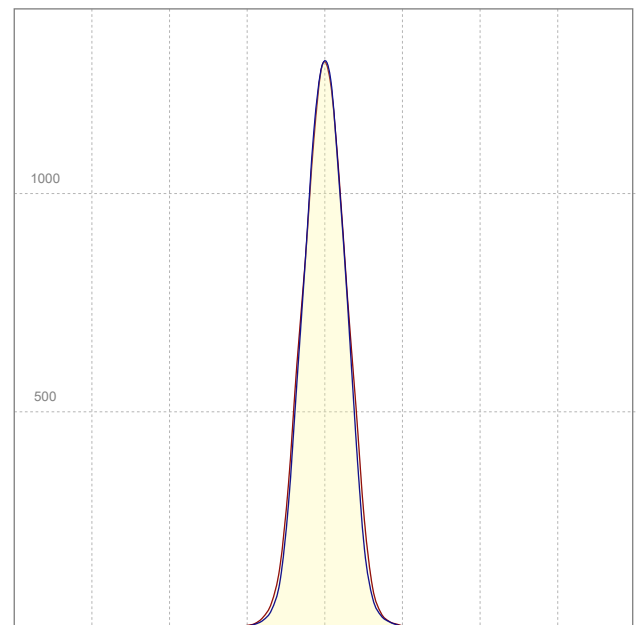
General Discription

Item number	RC-6D-1-61-3
Date and time	14-6-2017 12:12:44
CCT (Kelvin)	0 K
Beam angle	29,5°
Luminous flux	402 lm
Efficiency	35 lm/watt
Weighted energy	11,5 kWh/1000h
Power factor	0,57
CRI (RA)	0,0
Fidelity index Rf	Rf 0,0
Gammut index Rg	Rg 0,0
Peak	1294 cd

NEW



Polar curve



Linear distribution diagram



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Beam details	1m	2m	3m	4m	5m																			
Lux*	1282 lx	320 lx	142 lx	80 lx	51 lx																			
*measured at center of beam																								
Footcandles*	119,1 fcd	29,8 fcd	13,2 fcd	7,4 fcd	4,8 fcd																			
Beam width (meter)	0,5 m	1,1 m	1,6 m	2,2 m	2,7 m																			
Beam width (Feet)	1,8 ft	3,5 ft	5,3 ft	7,1 ft	8,8 ft																			
Beam intensities																								
1m	2m	3m	4m	5m	6m	7m	8m	9m	10m	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m					
1282lx	320lx	142lx	80lx	51lx	36lx	26lx	20lx	16lx	13lx	11lx	9lx	8lx	7lx	6lx	5lx	4lx	4lx	4lx	3lx					
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					
119,1fcd	29,8fcd	13,2fcd	7,4fcd	4,8fcd	3,3fcd	2,4fcd	1,9fcd	1,5fcd	1,2fcd	1fcd	0,8fcd	0,7fcd	0,6fcd	0,5fcd	0,5fcd	0,4fcd	0,4fcd	0,3fcd	0,3fcd					
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°					
1282	1278	1206	1134	1031	919	812	715	617	506	394	297	221	145	111	77	55	41	29	23					
100%	100%	94%	88%	80%	72%	63%	56%	48%	39%	31%	23%	17%	11%	9%	6%	4%	3%	2%	2%					
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°					
1282	1279	1216	1153	1044	923	805	690	576	462	348	254	182	111	84	57	41	31	22	18					
100%	100%	95%	90%	81%	72%	63%	54%	45%	36%	27%	20%	14%	9%	7%	4%	3%	2%	2%	1%					
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°					
1282	1264	1223	1137	1050	939	825	717	616	514	407	300	218	152	93	70	46	33	25	19					
100%	99%	95%	89%	82%	73%	64%	56%	48%	40%	32%	23%	17%	12%	7%	5%	4%	3%	2%	1%					
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°					
1282	1271	1232	1136	1039	928	814	695	568	441	338	234	161	114	70	54	38	29	23	18					
100%	99%	96%	89%	81%	72%	64%	54%	44%	34%	26%	18%	13%	9%	5%	4%	3%	2%	2%	1%					
Beam angle 50%					Field angle 10%					Cutoff angle 2,5%					Intensity ratio in 120° cone					Intensity ratio in 90° cone				
30,2°					52,2°					68°					96,6%					94,6%				



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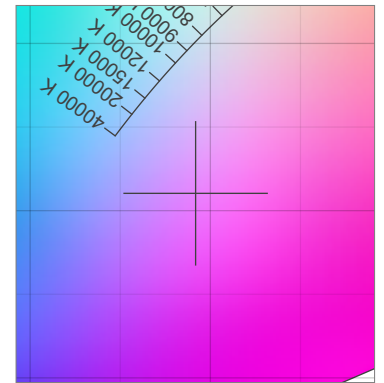
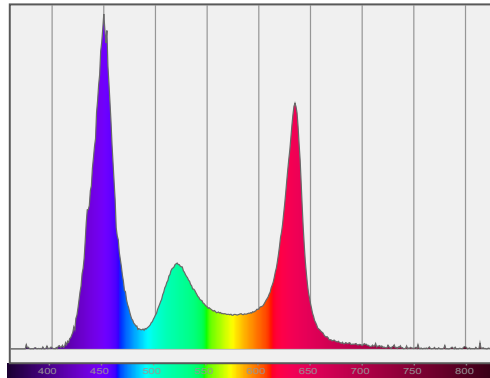
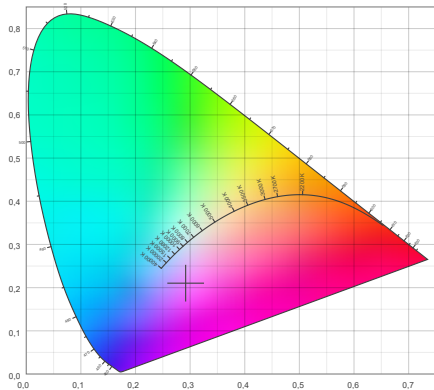
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Color details



CIE 1931

x: 0,292



Spectra

CIE 1931 ZOOM

0 K

y: 0,210

Δuv : n/a

CRI: 0,0 (R1-R8)

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

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15

R1	R2	R3	R4	R5	R6	R7	R8
0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
R9	R10	R11	R12	R13	R14	R15	
0,0	0,0	0,0	0,0	0,0	0,0	0,0	

CQS: 0,0

CQS values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
Q9	Q10	Q11	Q12	Q13	Q14	Q15	
0,0	0,0	0,0	0,0	0,0	0,0	0,0	

TM30: 0,0

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

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16

C1	C2	C3	C4	C5	C6	C7	C8
0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
C9	C10	C11	C12	C13	C14	C15	
0,0	0,0	0,0	0,0	0,0	0,0	0,0	

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
0 K	0,0	0,0	0,0	0,0	0,0	0,292	0,210	0,236	0,255	n/a



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TM30 details

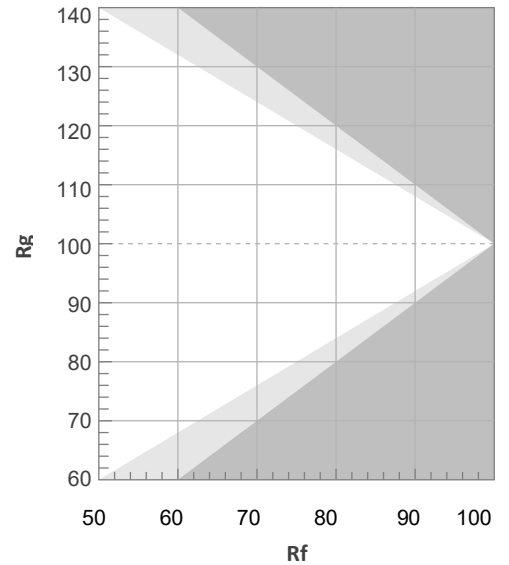
Rf 0,0

Fidelity index Rf

Rg 0,0

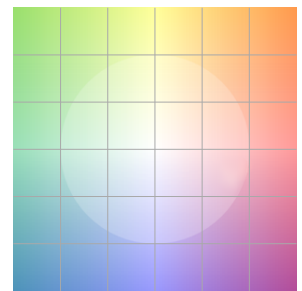
Gammut index Rg

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



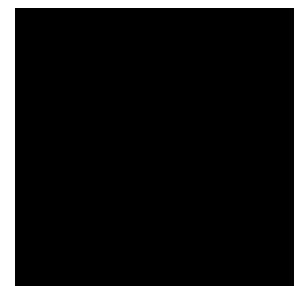
Hue binH

Color vector graphics

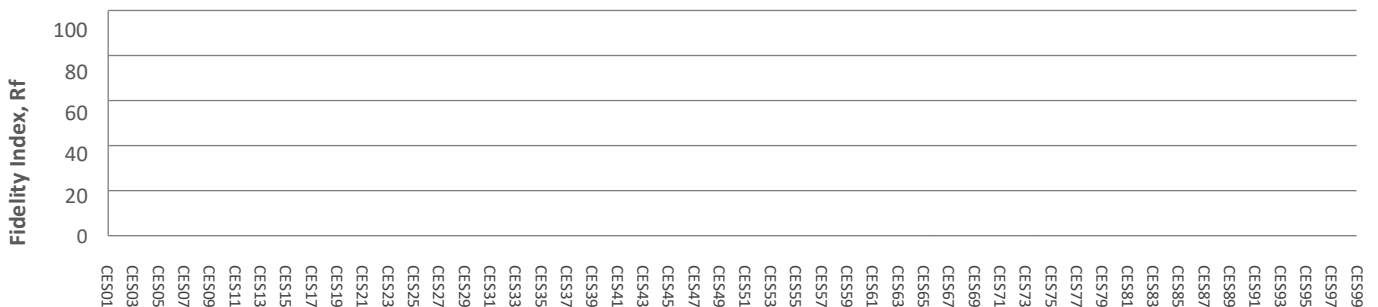


Hue bin

Color distortion graphics



Color Evaluation Sample



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