

General Discription

Item number	RC-6D-1-61-4
Date and time	14-6-2017 12:22:03
CCT (Kelvin)	0 K
Beam angle	51,1°
Luminous flux	356 lm
Efficiency	31 lm/watt
Weighted energy	11,4 kWh/1000h
Power factor	0,54
CRI (RA)	0,0
Fidelity index Rf	Rf 0,0
Gammut index Rg	Rg 0,0

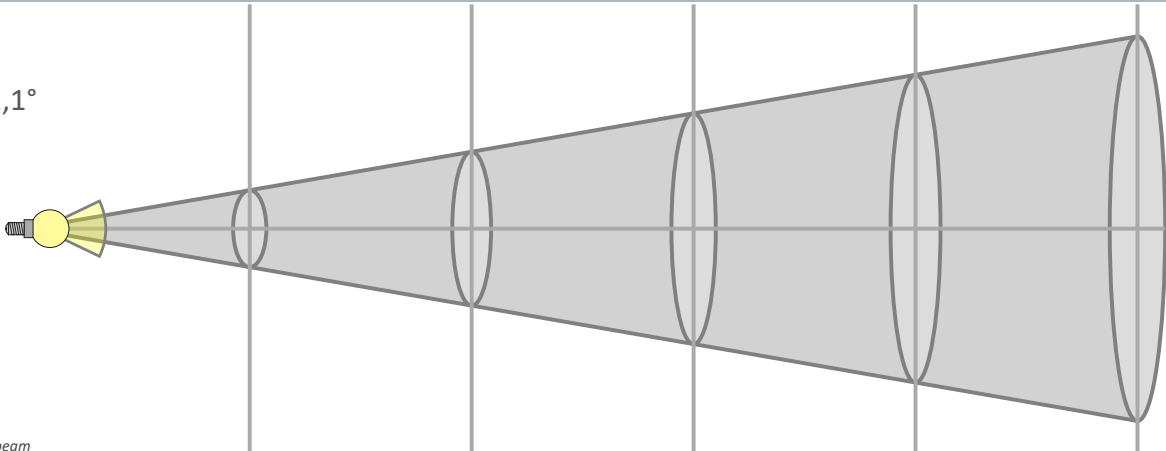
NEW



LM-79

Test Report

LM79-REVO-COMPACT-DMX-RGBW-DEG61

Beam details		1m		2m		3m		4m		5m									
Lux*		439 lx		110 lx		49 lx		27 lx		18 lx									
51,1° 																			
*measured at center of beam																			
Footcandles*		40,8 fcd		10,2 fcd		4,5 fcd		2,5 fcd		1,6 fcd									
Beam width (meter)		1 m		1,9 m		2,9 m		3,8 m		4,8 m									
Beam width (Feet)		3,1 ft		6,3 ft		9,4 ft		12,6 ft		15,7 ft									
Beam intensities																			
1m	2m	3m	4m	5m	6m	7m	8m	9m	10m	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
439lx	110lx	49lx	27lx	18lx	12lx	9lx	7lx	5lx	4lx	4lx	3lx	3lx	2lx	2lx	2lx	2lx	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
40,8fcd	10,2fcd	4,5fcd	2,5fcd	1,6fcd	1,1fcd	0,8fcd	0,6fcd	0,5fcd	0,4fcd	0,3fcd	0,3fcd	0,2fcd	0,2fcd	0,2fcd	0,2fcd	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°
439	436	432	424	414	403	388	372	352	327	302	271	241	211	181	153	129	105	85	69
100%	99%	98%	97%	94%	92%	88%	85%	80%	75%	69%	62%	55%	48%	41%	35%	29%	24%	19%	16%
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°
439	439	433	425	416	403	389	371	351	329	301	274	245	215	186	159	132	109	88	68
100%	100%	99%	97%	95%	92%	89%	85%	80%	75%	69%	62%	56%	49%	42%	36%	30%	25%	20%	16%
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°
439	436	432	424	414	403	388	372	352	327	302	271	241	211	181	153	129	105	85	69
100%	99%	98%	97%	94%	92%	88%	85%	80%	75%	69%	62%	55%	48%	41%	35%	29%	24%	19%	16%
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°
439	439	433	425	416	403	389	371	351	329	301	274	245	215	186	159	132	109	88	68
100%	100%	99%	97%	95%	92%	89%	85%	80%	75%	69%	62%	56%	49%	42%	36%	30%	25%	20%	16%
Beam angle 50%		Field angle 10%			Cutoff angle 2,5%			Intensity ratio in 120° cone				Intensity ratio in 90° cone							
51,1°		83,7°			{C_ANG}°			95,0%				89,3%							



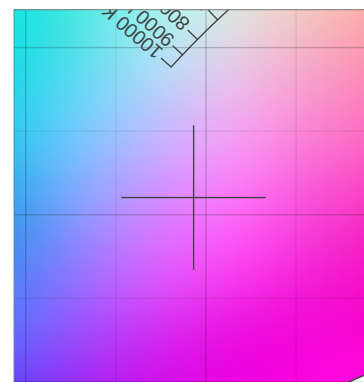
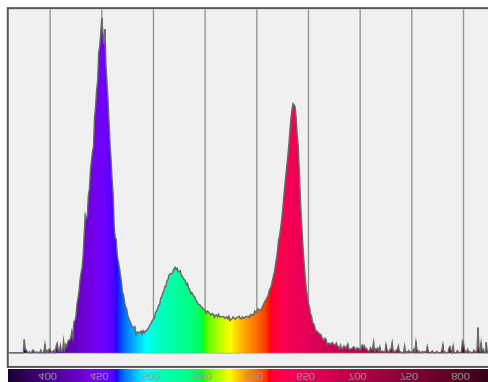
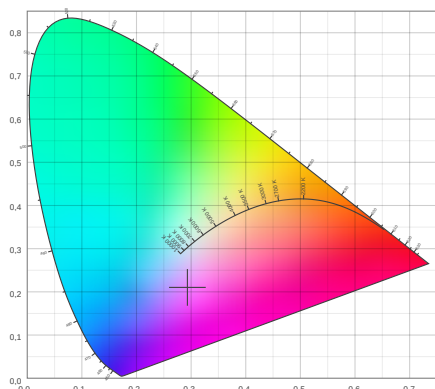
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Test Report

LM79-REVO-COMPACT-DMX-RGBW-DEG61

Color details



<i>CIE 1931</i>	x: 0,293		Spectra	<i>CIE 1931 ZOOM</i>
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
															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	
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15								

CQS: 0,0																CQS values							
																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	
																Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8

TM30: 0,0	TM30 values, 16 binned values out of total of 99 values							
	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	
C1 C2 C3 C4 C5 C6 C7 C8 C9 C10 C11 C12 C13 C14 C15 C16	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 diviation 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	0,293	0,210	0,237	0,256	n/a



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LM-79

Test Report

LM79-REVO-COMPACT-DMX-RGBW-DEG61

TM30 details

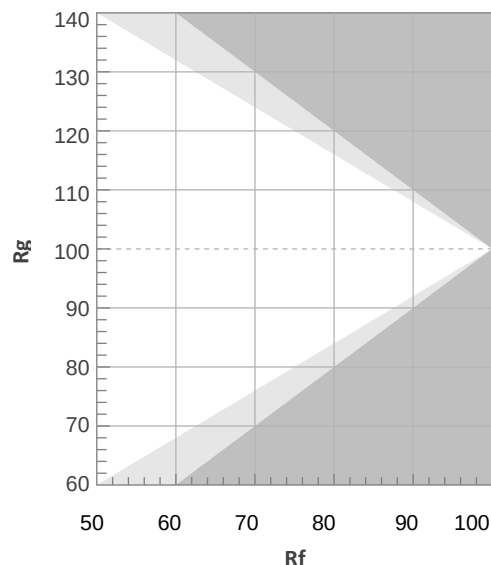
Rf 0,0

Fidelity index Rf

Rg 0,0

Gamut index Rg

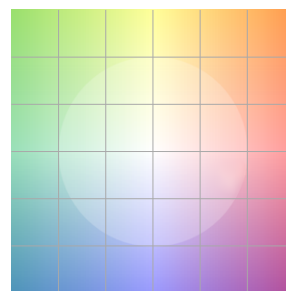
Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Hue binH



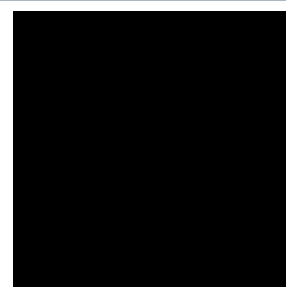
Color vector graphics



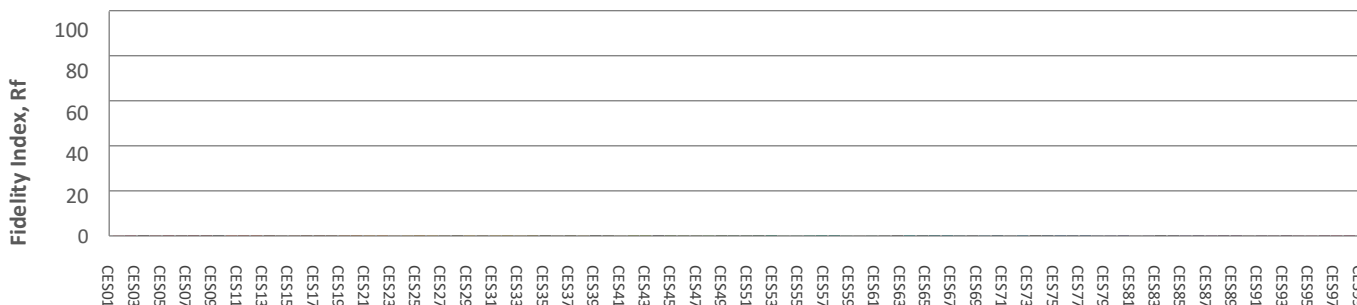
Hue bin



Color distortion graphics



Color Evaluation Sample



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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				
2H	2H	29,7	30,5	30,0	30,7	30,9	29,7	30,5	30,0	30,7	31,0
	3H	29,9	30,6	30,2	30,8	31,1	29,9	30,6	30,3	30,9	31,2
	4H	29,9	30,6	30,3	30,9	31,2	30,0	30,7	30,4	31,0	31,3
	6H	30,0	30,6	30,4	30,9	31,2	30,1	30,7	30,4	31,0	31,3
	8H	30,1	30,6	30,4	31,0	31,3	30,1	30,7	30,5	31,0	31,4
	12H	30,2	30,7	30,5	31,0	31,4	30,2	30,7	30,6	31,1	31,4
4H	2H	29,7	30,3	30,0	30,6	30,9	29,7	30,4	30,1	30,7	31,0
	3H	29,9	30,5	30,3	30,8	31,2	30,0	30,6	30,4	30,9	31,3
	4H	30,1	30,5	30,5	30,9	31,3	30,2	30,6	30,6	31,0	31,4
	6H	30,2	30,6	30,7	31,0	31,5	30,3	30,7	30,8	31,1	31,5
	8H	30,4	30,7	30,8	31,2	31,6	30,4	30,8	30,9	31,2	31,6
	12H	30,5	30,9	31,0	31,3	31,8	30,6	30,9	31,0	31,3	31,8
8H	4H	30,1	30,4	30,5	30,9	31,3	30,2	30,5	30,6	31,0	31,4
	6H	30,3	30,6	30,8	31,1	31,6	30,4	30,7	30,9	31,1	31,6
	8H	30,6	30,8	31,1	31,3	31,8	30,6	30,8	31,1	31,3	31,8
	12H	30,8	31,0	31,4	31,5	32,1	30,8	31,0	31,3	31,5	32,1
12H	4H	30,1	30,4	30,5	30,8	31,3	30,2	30,5	30,6	30,9	31,4
	6H	30,4	30,6	30,9	31,1	31,6	30,4	30,7	30,9	31,1	31,6
	8H	30,6	30,8	31,1	31,3	31,8	30,6	30,8	31,1	31,3	31,9

Variation of the observer position for the luminaire distance S

S = 1,0H	+2,3 / -1,9	+2,4 / -1,9
S = 1,5H	+4,4 / -2,5	+4,5 / -2,6
S = 2,0H	+6,2 / -3,1	+6,3 / -3,2
Standard table	BK02	BK02
Correction summand	12,7	12,7

Corrected glare indices referring to 356lm total luminous flux

