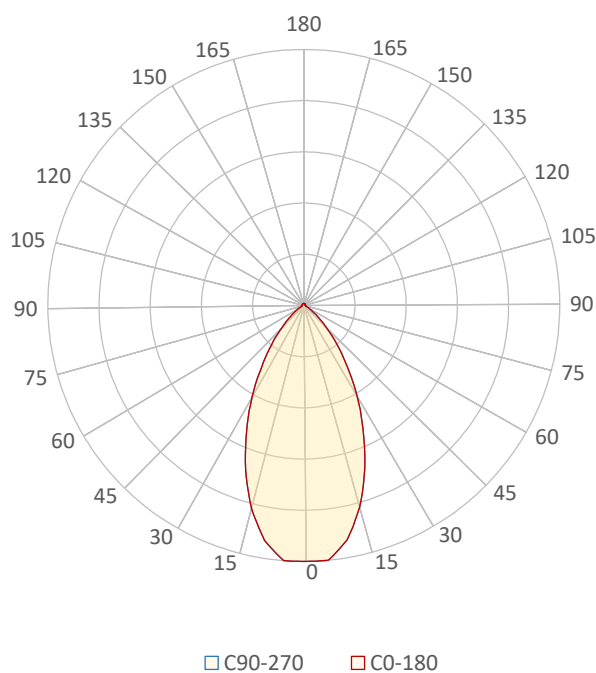


General Discription

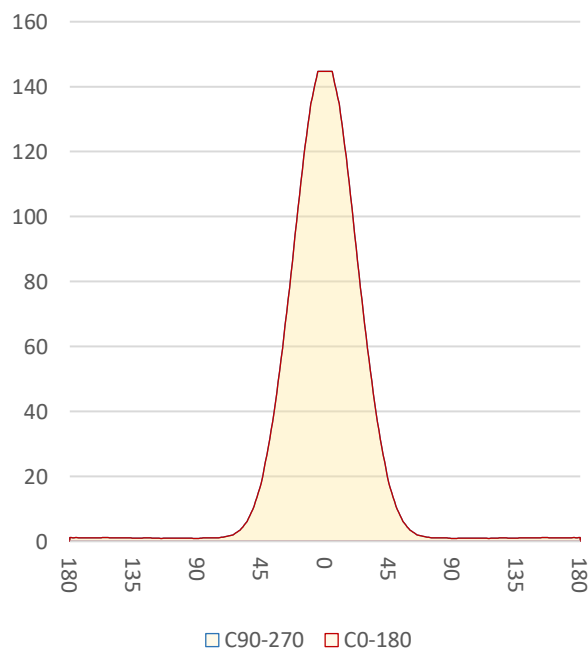
Item number	122022
Date and time	19-6-2017 13:55:42
CCT (Kelvin)	0 K
Beam angle	53,1°
Luminous flux	139 lm
Efficiency	18 lm/watt
Weighted energy	7,8 kWh/1000h
Power factor	0,59
CRI (RA)	0,0
Fidelity index Rf	Rf 0,0
Gammut index Rg	Rg 0,0
Peak	145 cd



Polar diagram



Cartesian diagram



LM-79

Test Report

LM79-CLS-LON-BRACKET-RGBA-DEG40

Beam details	1m	2m	3m	4m	5m
Lux*	145 lx	36 lx	16 lx	9 lx	6 lx

53,1°

*measured at center of beam

Footcandles*	13,4 fcd	3,4 fcd	1,5 fcd	0,8 fcd	0,5 fcd
Beam width (meter)	1 m	2 m	3 m	4 m	5 m
Beam width (Feet)	3,3 ft	6,6 ft	9,8 ft	13,1 ft	16,4 ft

Beam intensities																			
1m	2m	3m	4m	5m	6m	7m	8m	9m	10m	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
145lx	36lx	16lx	9lx	6lx	4lx	3lx	2lx	2lx	1lx	1lx	1lx	1lx	1lx	1lx	1lx	1lx	0lx	0lx	0lx
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
13,4fcd	3,4fcd	1,5fcd	0,8fcd	0,5fcd	0,4fcd	0,3fcd	0,2fcd	0,2fcd	0,1fcd	0,1fcd	0,1fcd	0,1fcd	0,1fcd	0,1fcd	0,1fcd	0fcd	0fcd	0fcd	0fcd

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°
145	145	145	143	139	135	128	122	114	106	99	90	82	74	67	59	53	46	40	34
100%	100%	100%	99%	96%	93%	89%	84%	79%	74%	68%	62%	57%	51%	46%	41%	36%	32%	27%	24%

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°
145	145	145	143	139	135	128	122	114	106	99	90	82	74	67	59	53	46	40	34
100%	100%	100%	99%	96%	93%	89%	84%	79%	74%	68%	62%	57%	51%	46%	41%	36%	32%	27%	24%

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°
145	145	145	143	139	135	128	122	114	106	99	90	82	74	67	59	53	46	40	34
100%	100%	100%	99%	96%	93%	89%	84%	79%	74%	68%	62%	57%	51%	46%	41%	36%	32%	27%	24%

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°
145	145	145	143	139	135	128	122	114	106	99	90	82	74	67	59	53	46	40	34
100%	100%	100%	99%	96%	93%	89%	84%	79%	74%	68%	62%	57%	51%	46%	41%	36%	32%	27%	24%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
53,1°	94,8°	119,2°	92,3%	84,0%



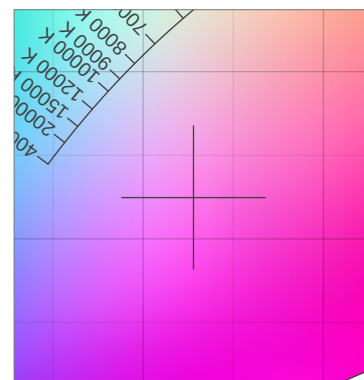
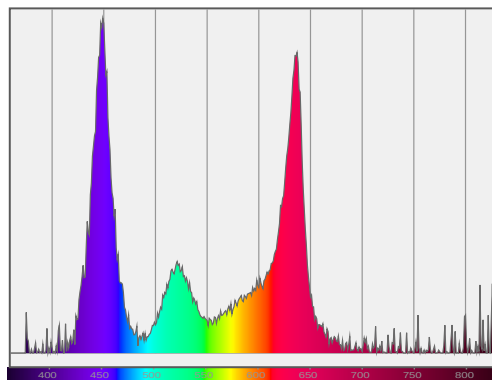
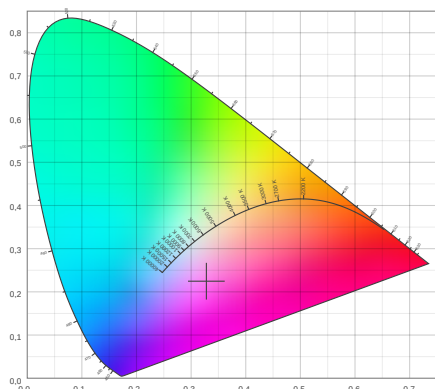
CLS LED BV
 info@cls-led.com
 www.cls-led.com

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Test Report

LM79-CLS-LON-BRACKET-RGBA-DEG40

Color details



<i>CIE 1931</i>	x: 0,328		Spectra	<i>CIE 1931 ZOOM</i>
0 K	y: 0,225			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

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	
																0,0	0,0	0,0	0,0	0,0	0,0	0,0	
																C1	C2	C3	C4	C5	C6	C7	C8

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	0,328	0,225	0,260	0,267	n/a



CLS LED BV
info@cls-led.com
www.cls-led.com

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TM30 details

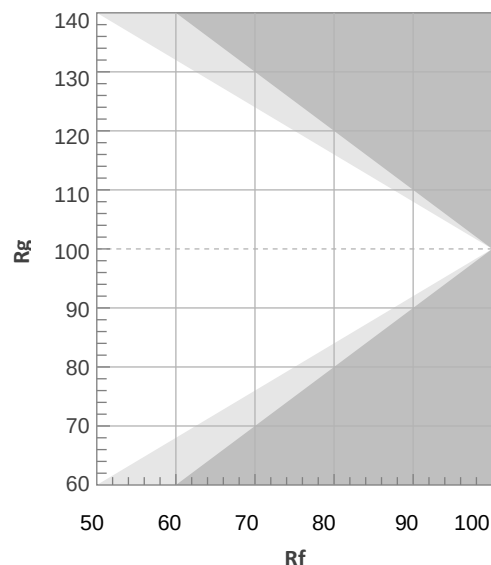
Rf 0,0

Fidelity index Rf

Rg 0,0

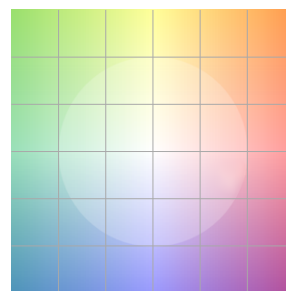
Gammut index Rg

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%



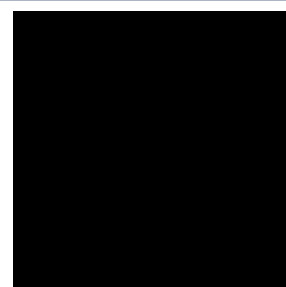
Hue binH

Color vector graphics

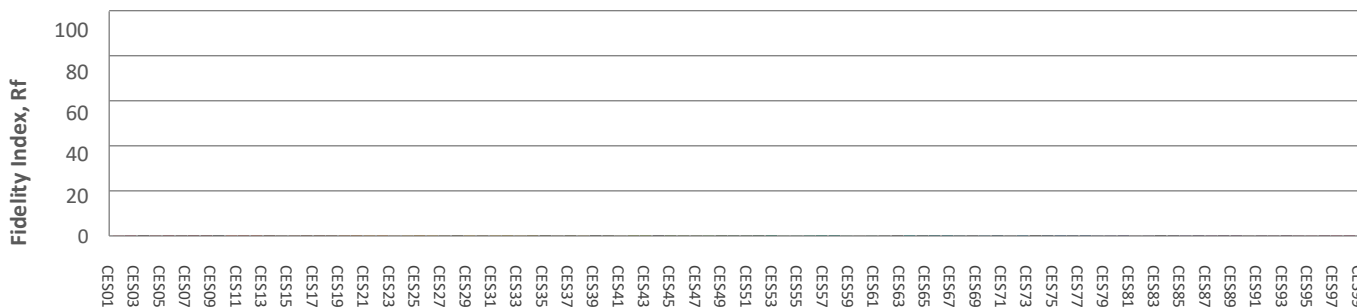


Hue bin

Color distortion graphics



Color Evaluation Sample



CLS LED BV
info@cls-led.com
www.cls-led.com

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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	28,0	28,8	28,4	29,1	29,4	28,0	28,8	28,4	29,1	29,4
	3H	28,1	28,8	28,4	29,1	29,4	28,1	28,8	28,4	29,1	29,4
	4H	28,1	28,8	28,5	29,1	29,5	28,1	28,8	28,5	29,1	29,5
	6H	28,2	28,8	28,6	29,2	29,5	28,2	28,8	28,6	29,2	29,5
	8H	28,3	28,9	28,7	29,3	29,7	28,3	28,9	28,7	29,3	29,7
	12H	28,5	29,1	28,9	29,4	29,8	28,5	29,1	28,9	29,4	29,8
4H	2H	27,9	28,6	28,3	29,0	29,3	27,9	28,6	28,3	29,0	29,3
	3H	28,0	28,6	28,5	29,0	29,4	28,0	28,6	28,5	29,0	29,4
	4H	28,1	28,6	28,6	29,0	29,5	28,1	28,6	28,6	29,0	29,5
	6H	28,3	28,8	28,8	29,2	29,7	28,3	28,8	28,8	29,2	29,7
	8H	28,6	28,9	29,0	29,4	29,9	28,6	28,9	29,0	29,4	29,9
	12H	28,9	29,2	29,4	29,7	30,2	28,9	29,2	29,4	29,7	30,2
8H	4H	28,1	28,5	28,6	29,0	29,5	28,1	28,5	28,6	29,0	29,5
	6H	28,5	28,8	29,0	29,3	29,8	28,5	28,8	29,0	29,3	29,8
	8H	28,8	29,1	29,3	29,6	30,1	28,8	29,1	29,3	29,6	30,1
	12H	29,3	29,6	29,9	30,1	30,7	29,3	29,6	29,9	30,1	30,7
12H	4H	28,1	28,4	28,6	28,9	29,4	28,1	28,4	28,6	28,9	29,4
	6H	28,5	28,8	29,0	29,3	29,8	28,5	28,8	29,0	29,3	29,8
	8H	28,9	29,1	29,5	29,7	30,3	28,9	29,1	29,5	29,7	30,3
Variation of the observer position for the luminaire distance S											
S = 1,0H		+1,4 / -1,7					+1,4 / -1,7				
S = 1,5H		+3,2 / -2,6					+3,2 / -2,6				
S = 2,0H		+4,9 / -3,2					+4,9 / -3,2				
Standard table		BK02					BK02				
Correction summand		11,1					11,1				
Corrected glare indices referring to 139lm total luminous flux											

