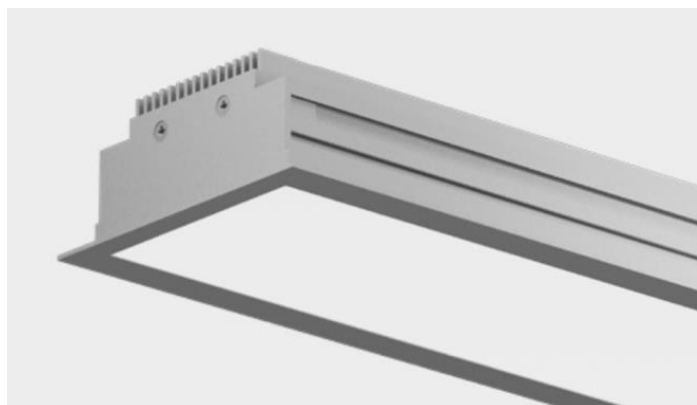


SLED9114 E70 BARRA 2XM80B 137W 4000K 80 2124mm..



Fluxo luminoso – 12870 lm/m

Potência – 137 W/m

Intensidade pico – 4577cd

CCT – 3954K

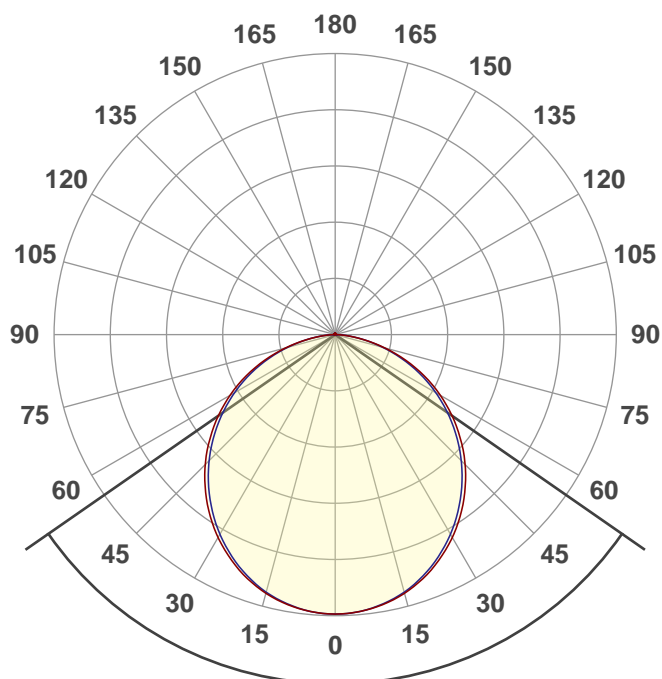


IRC – 84,3

Coordenada CIE 1931 – x- 0,384 y- 0,384

Data do ensaio

08/11/2022 11:26:57



Facho de abertura

110,4°

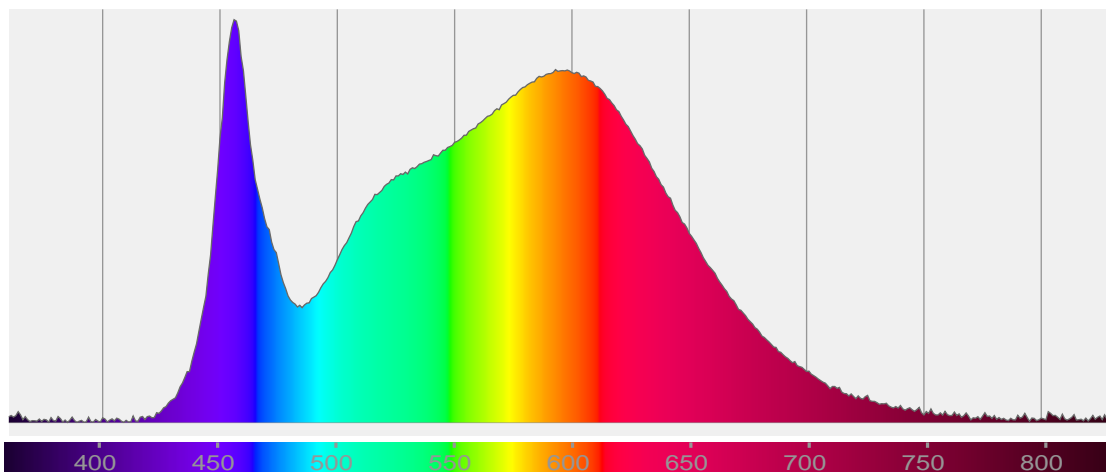
Rf 83,6

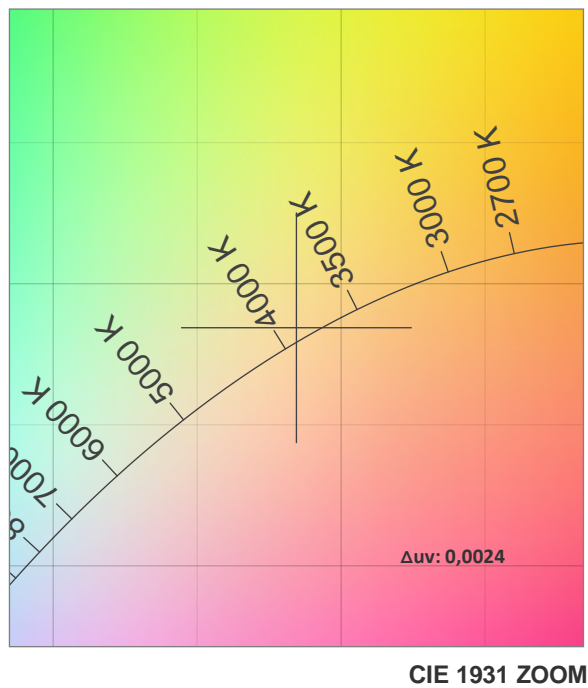
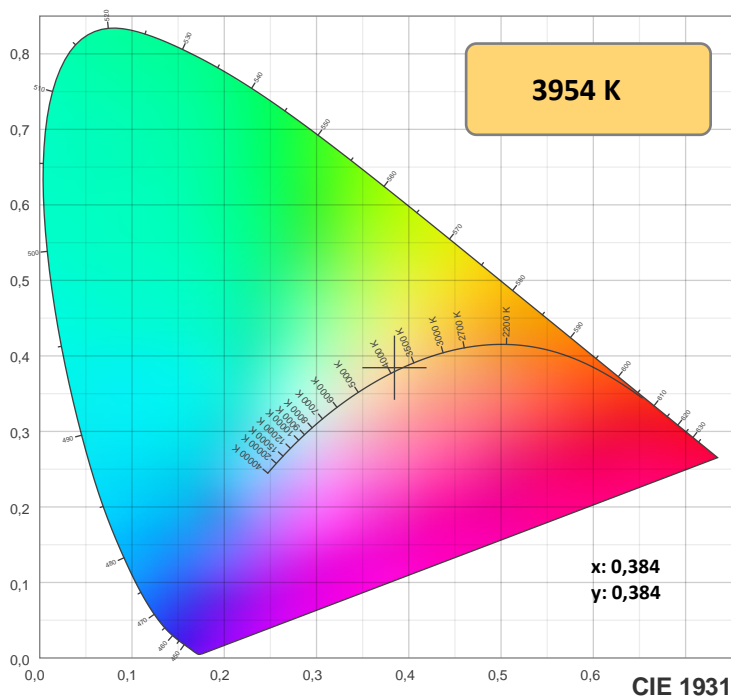
Fidelity index Rf

Rg 92,7

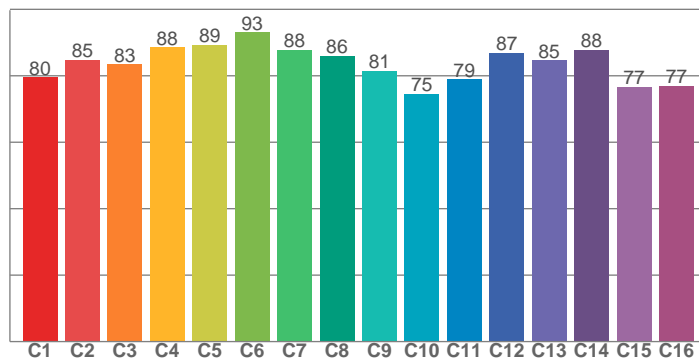
Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	80	-11%	1%
2	85	-6%	5%
3	83	-4%	7%
4	88	-3%	3%
5	89	-5%	1%
6	93	-3%	-1%
7	88	-8%	0%
8	86	-7%	4%
9	81	-6%	12%
10	75	-4%	15%
11	79	5%	13%
12	87	5%	3%
13	85	5%	-9%
14	88	2%	-8%
15	77	-3%	-16%
16	77	-7%	-11%

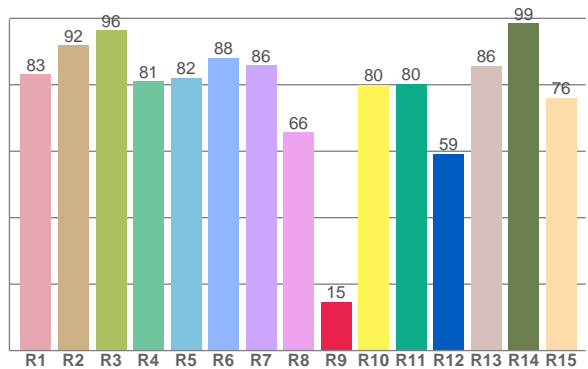




TM-30: 83,6



CRI: 84,3 (R1-R8)



CRIRA R1-R8 / CRIR R1-R15

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
83,1	91,9	96,5	81,2	82,1	88,2	85,9	65,7	14,7	80,0	80,3	59,2	85,8	98,6	76,1

TM30 valores C. 16 valores extraídos dos 99.

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
79,6	84,8	83,5	88,5	89,4	93,0	87,8	86,0	81,5	74,6	78,9	86,9	84,6	87,9	76,7	77,0

Parametros de cor

Temperatura de cor	Índice de reprodução de cor	Reprodução de cor vermelho R9	Color fidelity	Color gamut	Color quality scale	Coordenada de cor cie 1931	Coordenada de cor cie 1931	Coordenada de cor	Coordenada de cor	Color deviation from black body
CCT	IRC	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
3954 K	84,3	14,7	83,6	92,7	83,3	0,384	0,384	0,225	0,337	0,0024

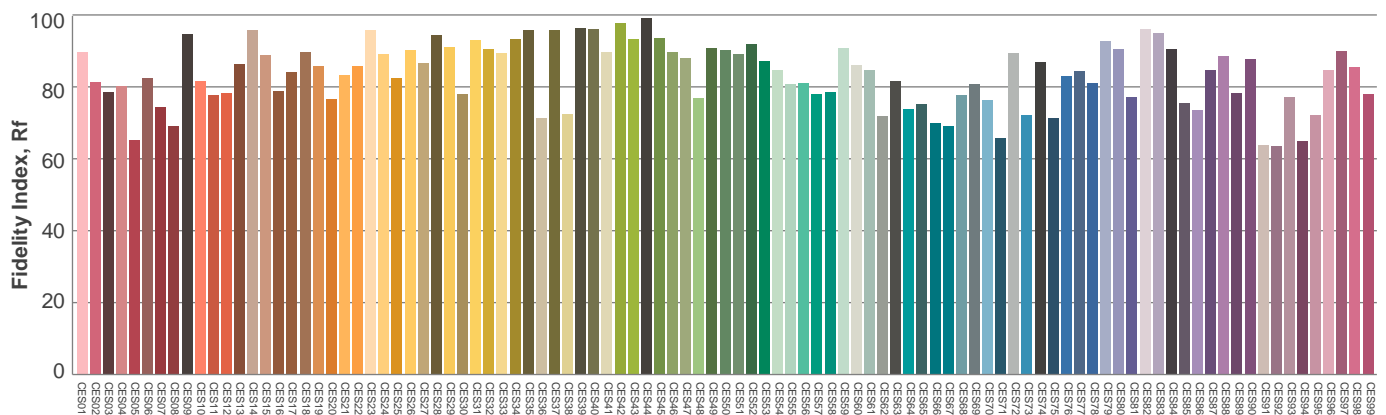
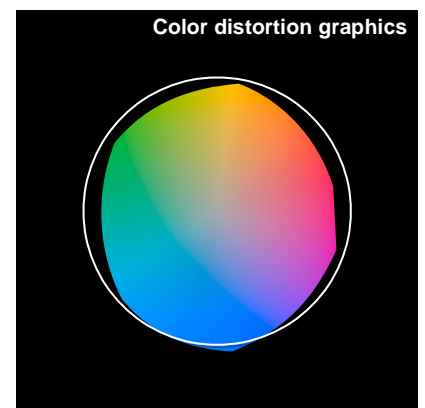
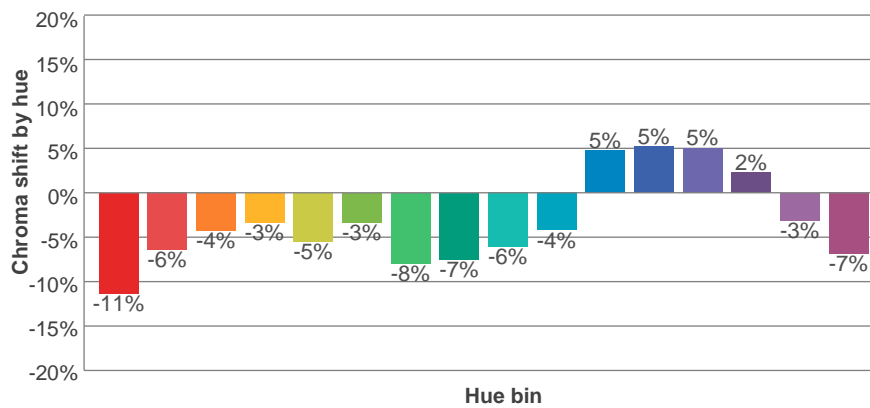
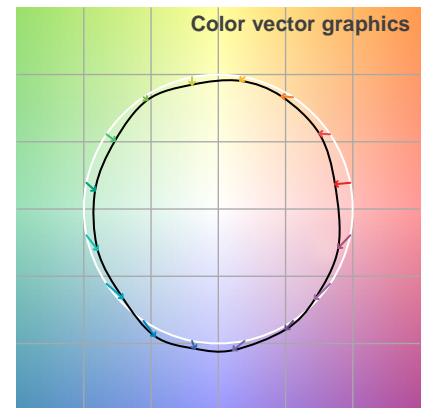
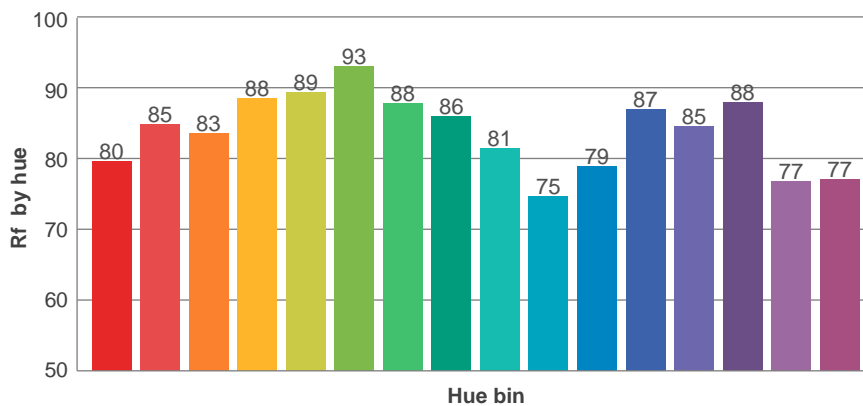
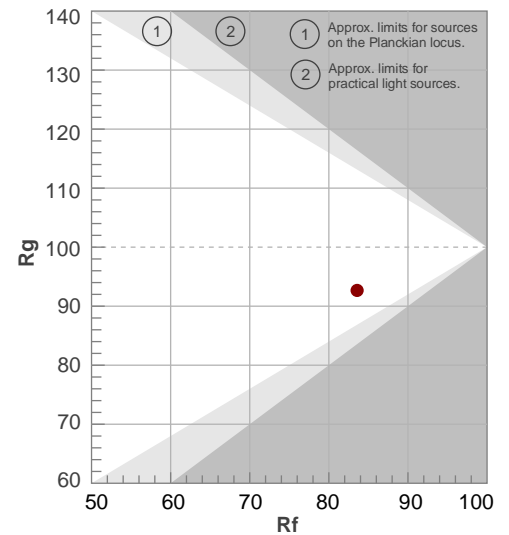
Rf 83,6

Fidelity index Rf

Rg 92,7

Gamut index Rg

Hue Bin	R _i	Shifts (%)	
		Chroma	Hue
1	80	-11%	1%
2	85	-6%	5%
3	83	-4%	7%
4	88	-3%	3%
5	89	-5%	1%
6	93	-3%	-1%
7	88	-8%	0%
8	86	-7%	4%
9	81	-6%	12%
10	75	-4%	15%
11	79	5%	13%
12	87	5%	3%
13	85	5%	-9%
14	88	2%	-8%
15	77	-3%	-16%
16	77	-7%	-11%



Avaliação todas as amostras de cores

Glare Evaluation According to UGR

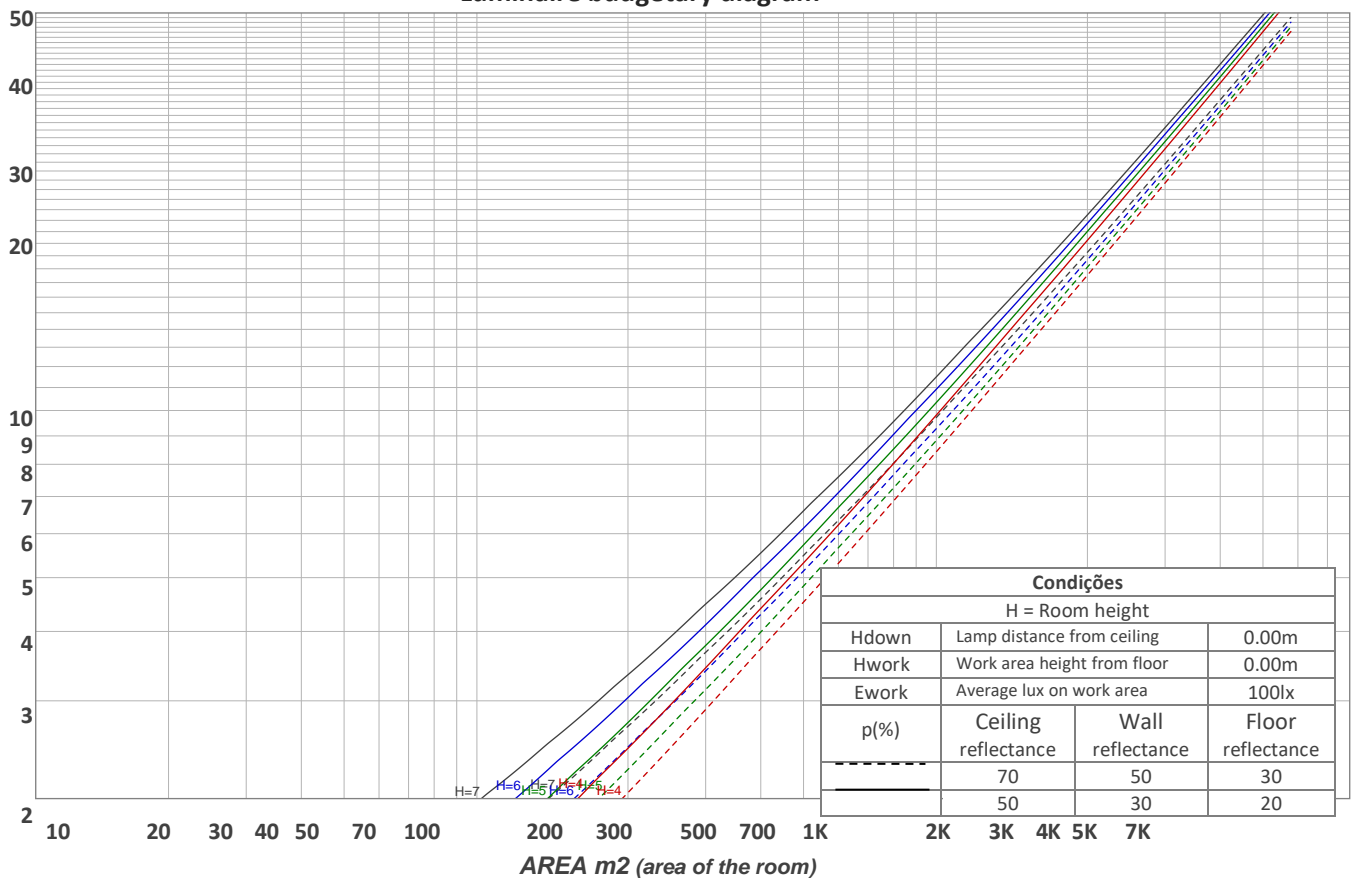
p Ceiling		70	70	50	50	30	70	70	50	50	30
p Walls		50	30	50	30	30	50	30	50	30	30
p Floor		20	20	20	20	20	20	20	20	20	20
Room size X Y		Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H	2H	24,2	25,4	24,4	25,7	25,9	23,9	25,1	24,2	25,5	25,7
	3H	25,6	26,9	26,0	27,2	27,4	25,3	26,6	25,8	26,9	27,1
	4H	26,2	27,4	26,6	27,7	28,0	25,9	27,1	26,4	27,4	27,7
	6H	26,7	27,7	27,0	28,0	28,4	26,4	27,5	26,7	27,8	28,2
	8H	26,8	27,8	27,1	28,1	28,6	26,5	27,6	26,9	27,9	28,3
	12H	26,8	27,8	27,2	28,2	28,6	26,6	27,6	27,0	27,9	28,4
4H	2H	24,7	25,9	25,1	26,2	26,5	24,5	25,7	25,0	26,0	26,3
	3H	26,5	27,5	26,9	27,9	28,3	26,3	27,3	26,7	27,6	28,1
	4H	27,2	28,1	27,6	28,5	29,1	26,9	27,8	27,4	28,2	28,8
	6H	27,7	28,6	28,2	28,9	29,3	27,4	28,3	27,9	28,7	29,1
	8H	27,8	28,6	28,4	29,0	29,4	27,6	28,4	28,1	28,8	29,2
	12H	27,9	28,6	28,4	29,0	29,5	27,7	28,4	28,2	28,8	29,3
8H	4H	27,4	28,2	27,9	28,6	29,0	27,2	28,0	27,7	28,4	28,8
	6H	28,1	28,7	28,6	29,2	29,7	27,9	28,5	28,4	29,0	29,5
	8H	28,3	28,9	28,9	29,4	30,1	28,2	28,7	28,7	29,2	29,9
	12H	28,5	28,9	29,1	29,5	30,1	28,3	28,8	28,9	29,3	29,9
12H	4H	27,4	28,1	27,9	28,5	29,0	27,2	27,9	27,7	28,3	28,8
	6H	28,2	28,7	28,7	29,2	29,9	28,0	28,5	28,5	29,0	29,7
	8H	28,4	28,9	29,0	29,4	30,0	28,2	28,7	28,8	29,2	29,8
Variation of the observer position for the luminaire distance S											
S = 1.0H		0,1 / -0,1					0,1 / -0,1				
S = 1.5H		0,1 / -0,2					0,2 / -0,2				
S = 2.0H		0,4 / -0,5					0,4 / -0,5				
Standard table		n/a					n/a				
Correction summand		n/a					n/a				
Corrected glare indices referring to 12870 lm total luminous flux											

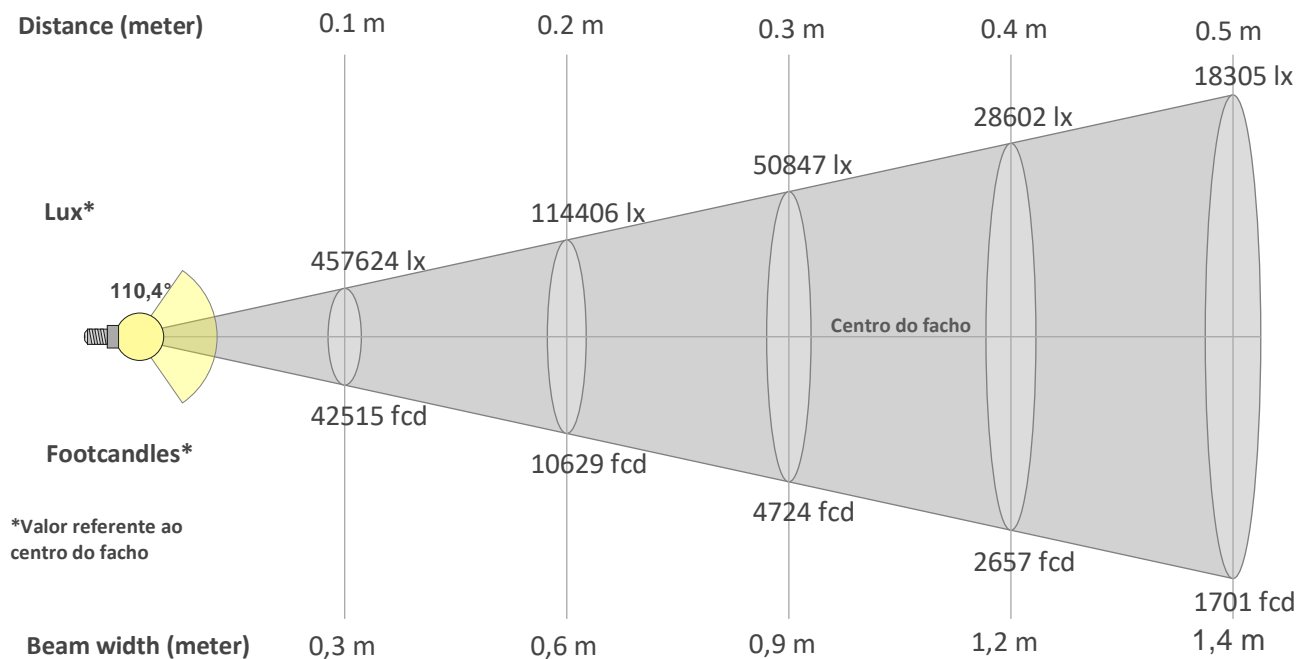
Coeficiente de utilização

Ceiling reflectance	80				70				50			30			10			0
Wall reflectance	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
Floor reflectance	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	0
RCR	(RCR: Room Cavity Ratio) Room Values are expressed as percentage of Lumens delivered to the task surface																	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99
1	108	104	99	95	106	101	97	94	97	93	90	93	90	88	89	87	85	83
2	98	90	83	77	96	88	82	76	84	79	74	81	76	72	78	74	71	68
3	89	79	70	64	87	77	69	63	74	67	62	71	65	61	68	64	59	57
4	82	69	60	54	79	68	60	53	65	58	52	63	57	52	61	55	51	49
5	75	62	53	46	73	61	52	46	58	51	45	56	50	45	54	49	44	42
6	69	56	46	40	67	55	46	40	53	45	39	51	44	39	49	43	38	36
7	64	50	41	35	62	49	41	35	48	40	35	46	39	34	45	39	34	32
8	60	46	37	31	58	45	37	31	44	36	31	42	36	31	41	35	30	28
9	56	42	34	28	54	41	33	28	40	33	28	39	32	28	38	32	27	26
10	52	39	31	25	51	38	30	25	37	30	25	36	30	25	35	29	25	23

Quantidade de luminárias

Luminaire budgetary diagram





Beam intensities from 1-20m

1m	2m	3m	4m	5m	6m	7m	8m	9m	10m	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
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
4576lx	1144lx	508lx	286lx	183lx	127lx	93lx	72lx	56lx	46lx	38lx	32lx	27lx	23lx	20lx	18lx	16lx	14lx	13lx	11lx
425,1fcd	106,3fcd	47,2fcd	26,6fcd	17fcd	11,8fcd	8,7fcd	6,6fcd	5,2fcd	4,3fcd	3,5fcd	3fcd	2,5fcd	2,2fcd	1,9fcd	1,7fcd	1,5fcd	1,3fcd	1,2fcd	1,1fcd

Intensities in 0° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
4576	4552	4489	4385	4239	4051	3835	3585	3307	3008	2683	2345	1988	1617	1231	840	472	177	21	8
100%	99%	98%	96%	93%	89%	84%	78%	72%	66%	59%	51%	43%	35%	27%	18%	10%	4%	0%	0%

Intensities in 90° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
4576	4551	4478	4365	4204	4005	3774	3511	3225	2919	2593	2254	1903	1543	1171	806	466	181	12	7
100%	99%	98%	95%	92%	88%	82%	77%	70%	64%	57%	49%	42%	34%	26%	18%	10%	4%	0%	0%

Intensities in 180° c-plane

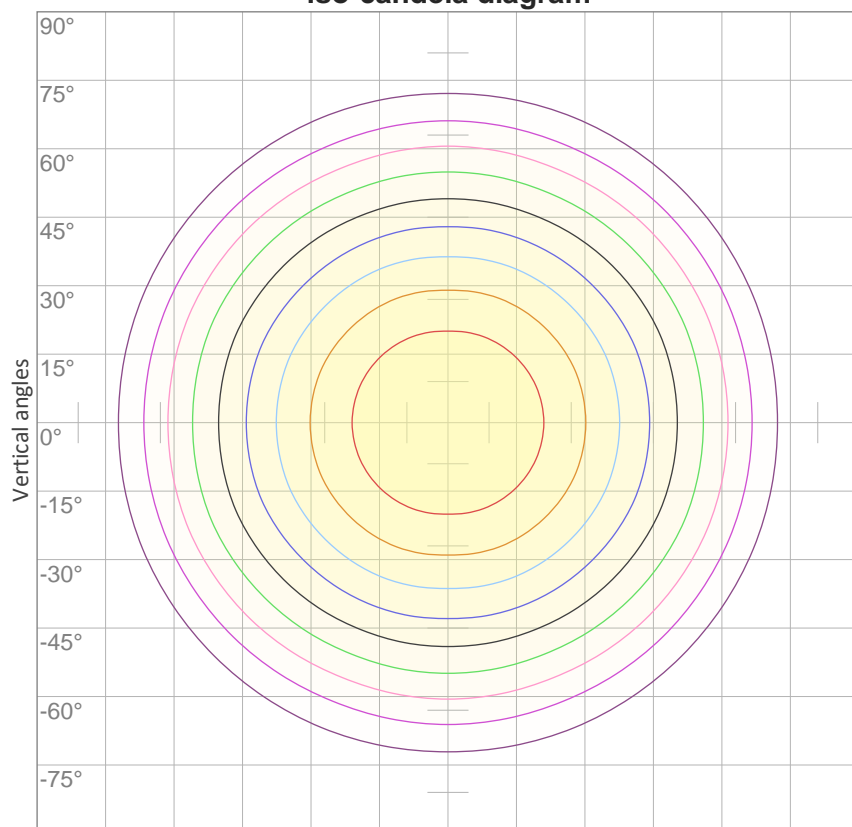
0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
4576	4552	4489	4385	4239	4051	3835	3585	3307	3008	2683	2345	1988	1617	1231	840	472	177	21	8
100%	99%	98%	96%	93%	89%	84%	78%	72%	66%	59%	51%	43%	35%	27%	18%	10%	4%	0%	0%

Intensities in 270° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
4576	4551	4478	4365	4204	4005	3774	3511	3225	2919	2593	2254	1903	1543	1171	806	466	181	12	7
100%	99%	98%	95%	92%	88%	82%	77%	70%	64%	57%	49%	42%	34%	26%	18%	10%	4%	0%	0%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
110,4°	160,6°	174,4°	76,7%	51,8%

iso-candela diagram



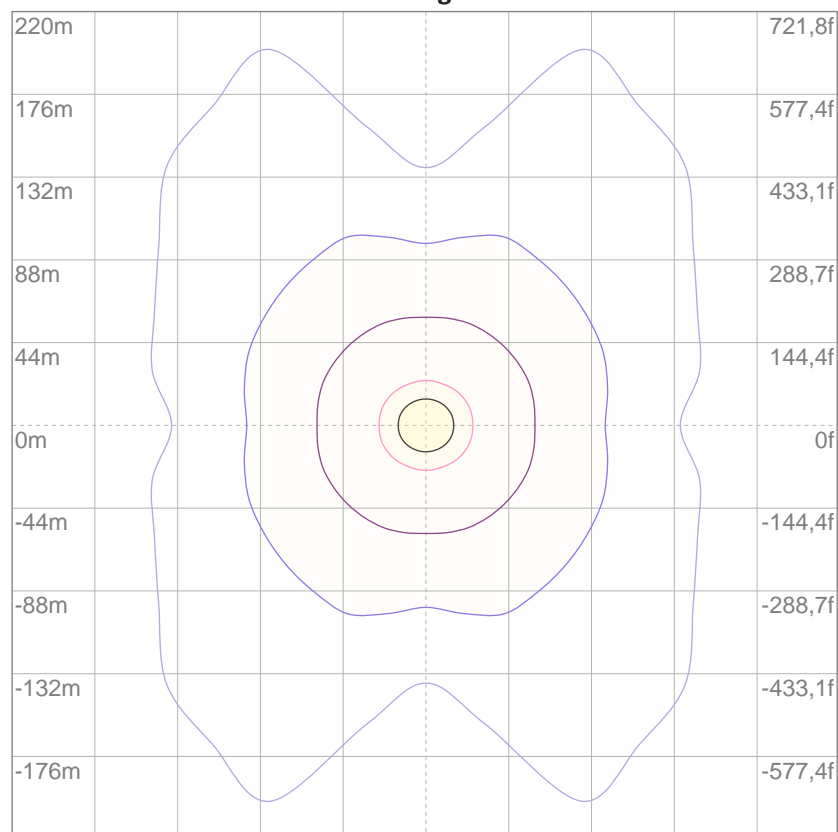
10%	458 cd
20%	915 cd
30%	1373 cd
40%	1830 cd
50%	2288 cd
60%	2746 cd
70%	3203 cd
80%	3661 cd
90%	4119 cd

Conditions:

Number of c-planes: 16

Candela at center: 4576 cd

iso-lux diagram



3%	1,37 lx
5%	2,29 lx
10%	4,58 lx
30%	13,7 lx
50%	22,9 lx

Conditions:

Number of c-planes: 16

Lux at center: 45,8 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Potência

Vttagem: 239 V
Corrente: 0,572 A
Frequência: 0 Hz
FP: 0,95

THD



THD corrente: n/a
THD tensão: n/a