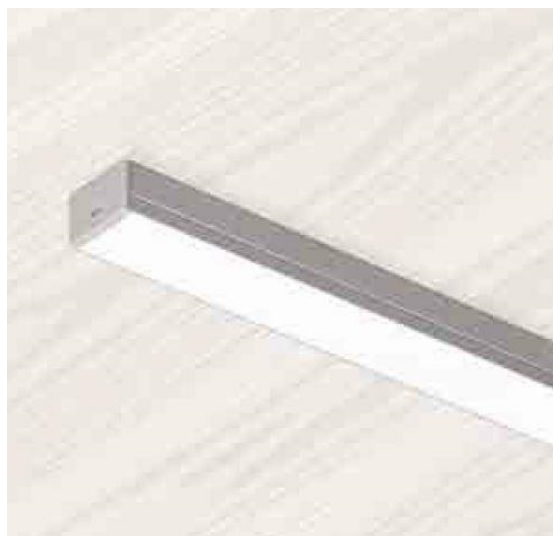


9003 SLED9003 BRANCA FITA 15WM 4000K 95 - 1m



Luminária linear de sobrepor em forro de gesso ou Dry-wall com iluminação difusa. Corpo em alumínio extrudado com acabamento na cor branca. Difusor em acrílico extrudado leitoso. Indicado para residência, recepção, escritório etc.

Fluxo luminoso – 860 lm/m

Potência – 14,4 W/m

Intensidade pico – 308cd

CCT – 3989K



IRC – 98,2

Coordenada CIE 1931 – x- 0,381 y- 0,377

A x L - 12x24

Peso - 0,15kg/m

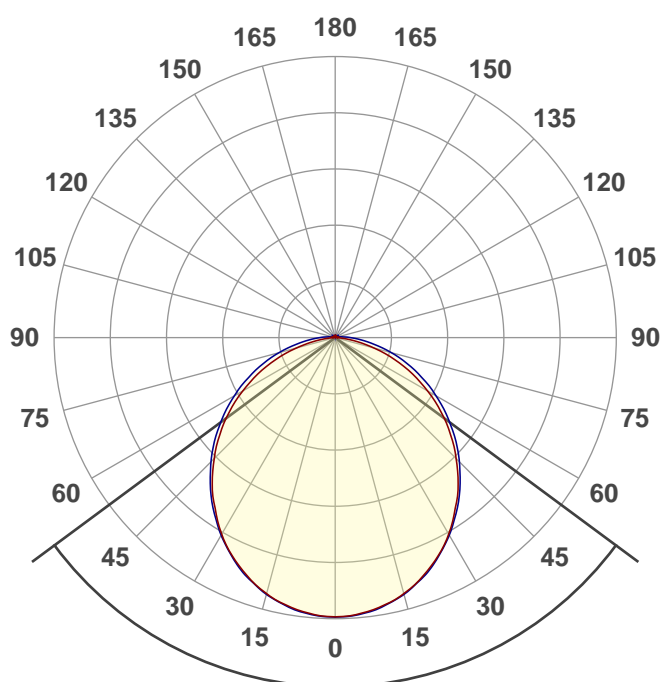
IP - 20 - Uso Interno

IK - 00 – Não aplicável

Alimentação - 12vdc

Data do ensaio

04/03/2022 08:58:29



Facho de abertura

107°

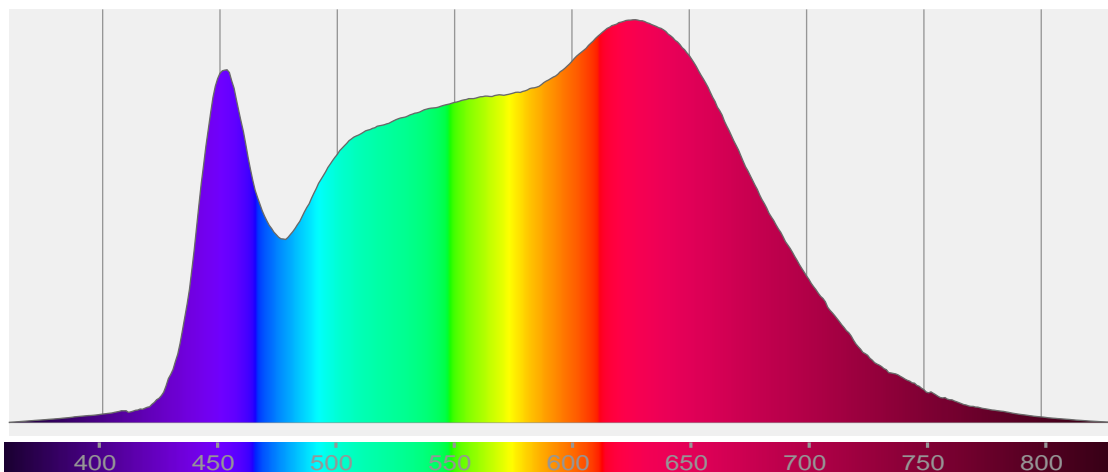
Rf 94,2

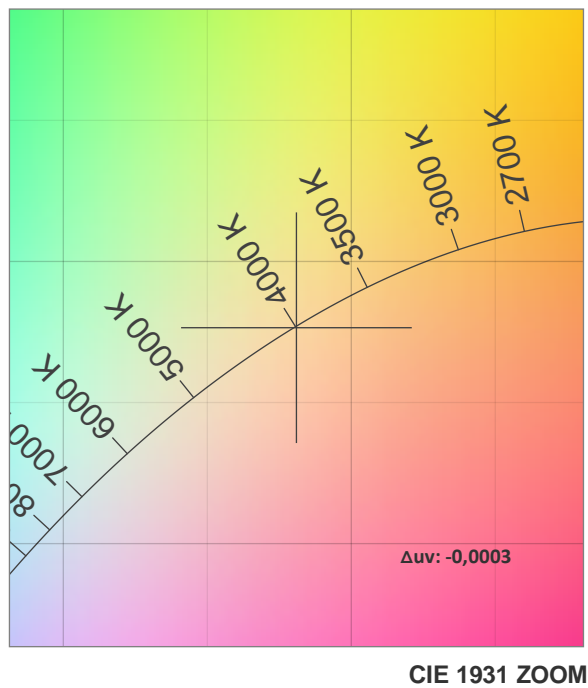
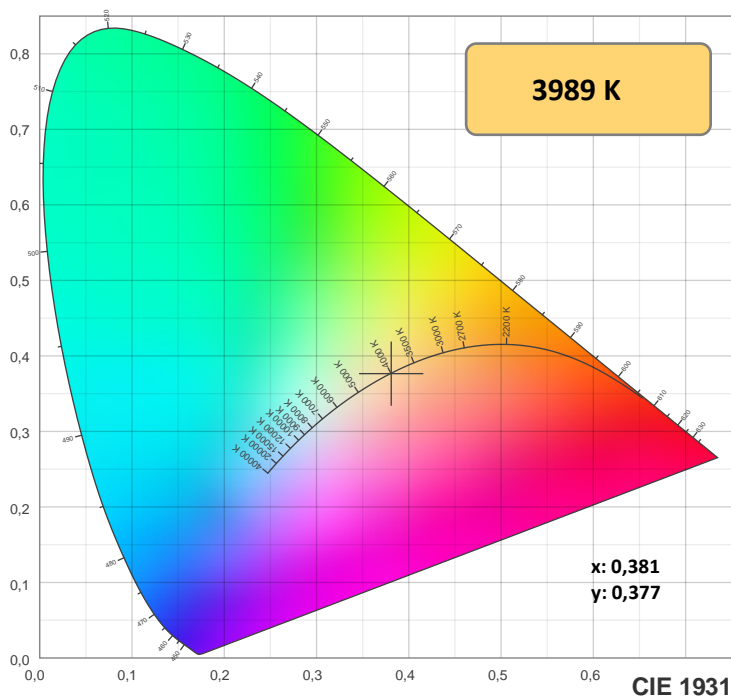
Fidelity index Rf

Rg 100,3

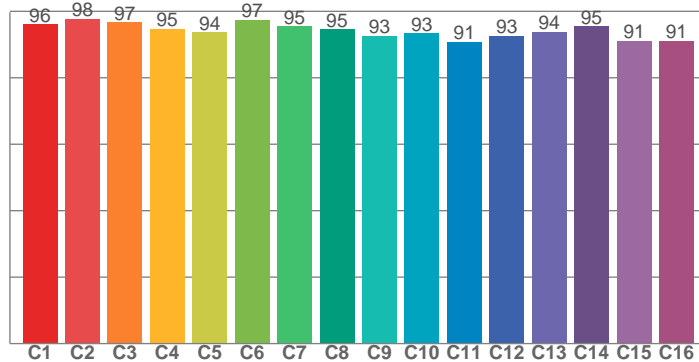
Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	96	0%	0%
2	98	0%	-1%
3	97	0%	-1%
4	95	-3%	-2%
5	94	-5%	-1%
6	97	-1%	1%
7	95	-2%	3%
8	95	0%	3%
9	93	1%	6%
10	93	1%	4%
11	91	4%	5%
12	93	3%	1%
13	94	2%	-3%
14	95	1%	-1%
15	91	2%	-4%
16	91	2%	-5%

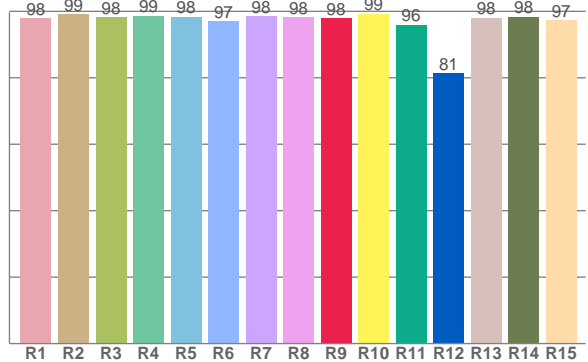




TM-30: 94,2



CRI: 98,2 (R1-R8)



CRIRA R1-R8 / CRIre R1-R15

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97,9	99,2	98,2	98,6	98,3	97,0	98,4	98,2	97,8	99,3	96,0	81,4	98,1	98,4	97,4

TM30 valores C. 16 valores extraídos dos 99.

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96,0	97,7	96,6	94,7	93,7	97,4	95,4	94,6	92,6	93,4	90,7	92,6	93,7	95,5	91,1	91,1

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
3989 K	98,2	97,8	94,2	100,3	97,2	0,381	0,377	0,226	0,334	-0,0003

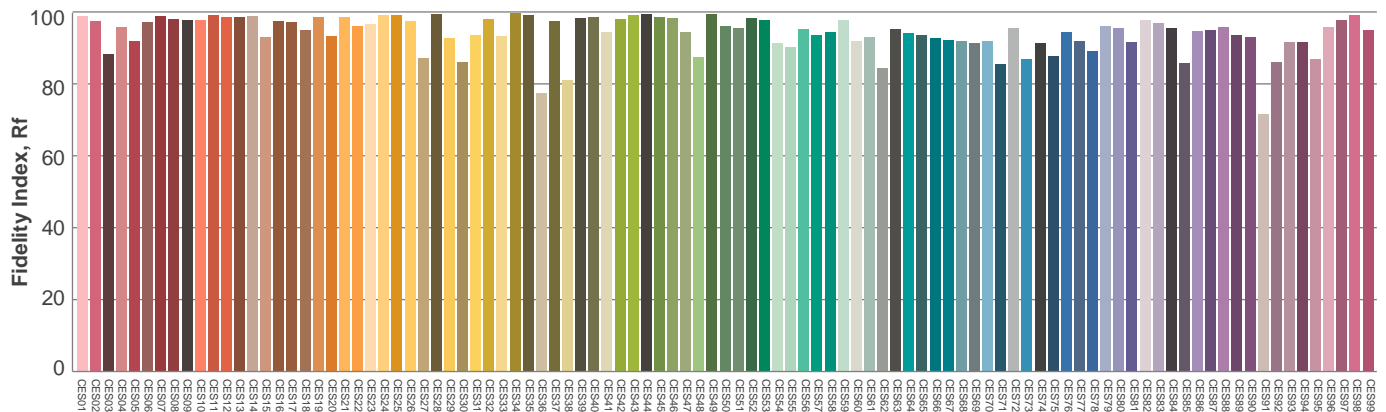
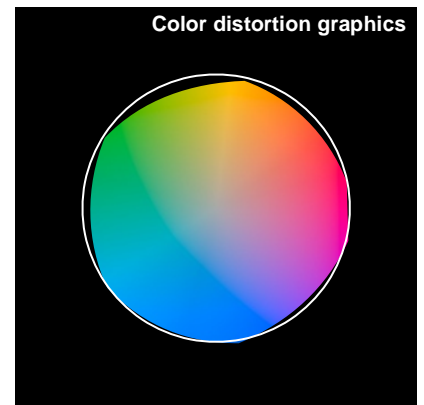
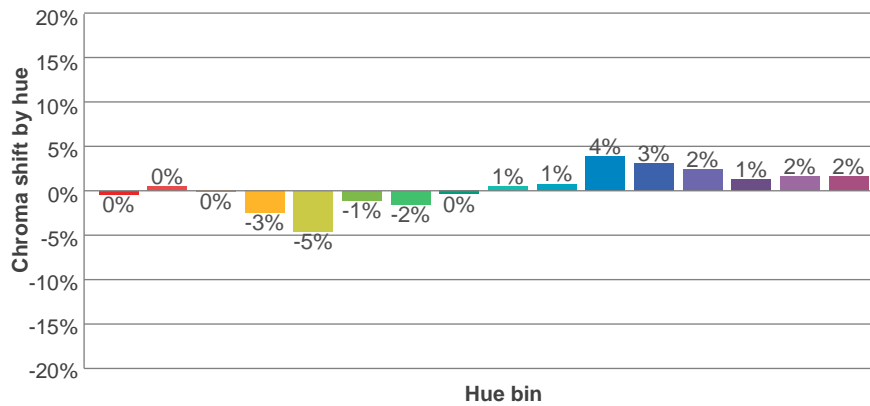
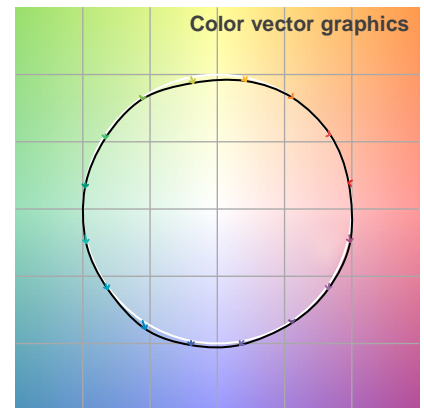
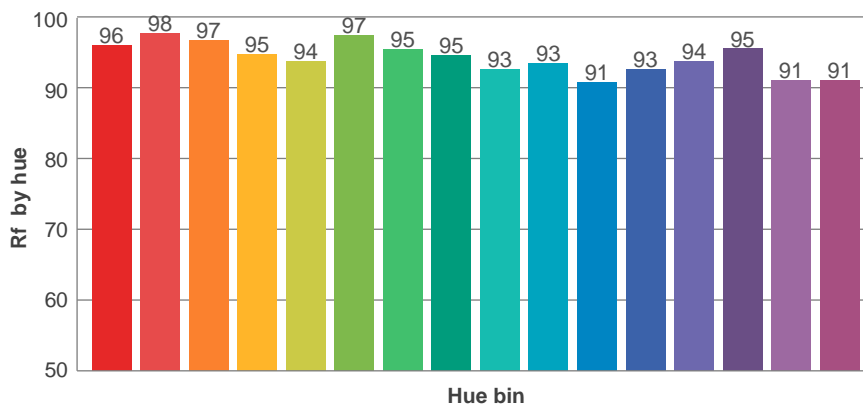
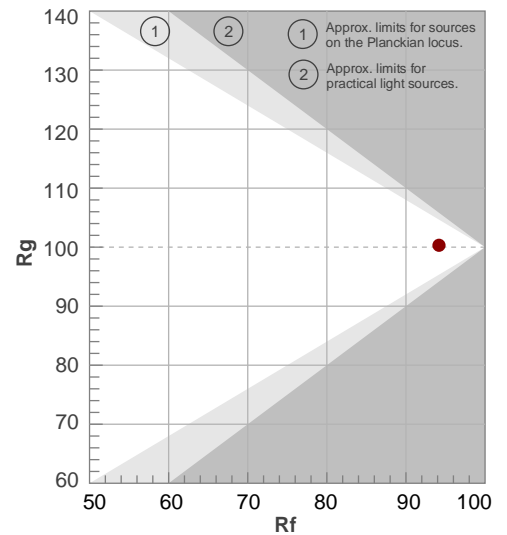
Rf 94,2

Fidelity index Rf

Rg 100,3

Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	96	0%	0%
2	98	0%	-1%
3	97	0%	-1%
4	95	-3%	-2%
5	94	-5%	-1%
6	97	-1%	1%
7	95	-2%	3%
8	95	0%	3%
9	93	1%	6%
10	93	1%	4%
11	91	4%	5%
12	93	3%	1%
13	94	2%	-3%
14	95	1%	-1%
15	91	2%	-4%
16	91	2%	-5%



Avaliação todas as amostras de cores

Glare Evaluation According to UGR

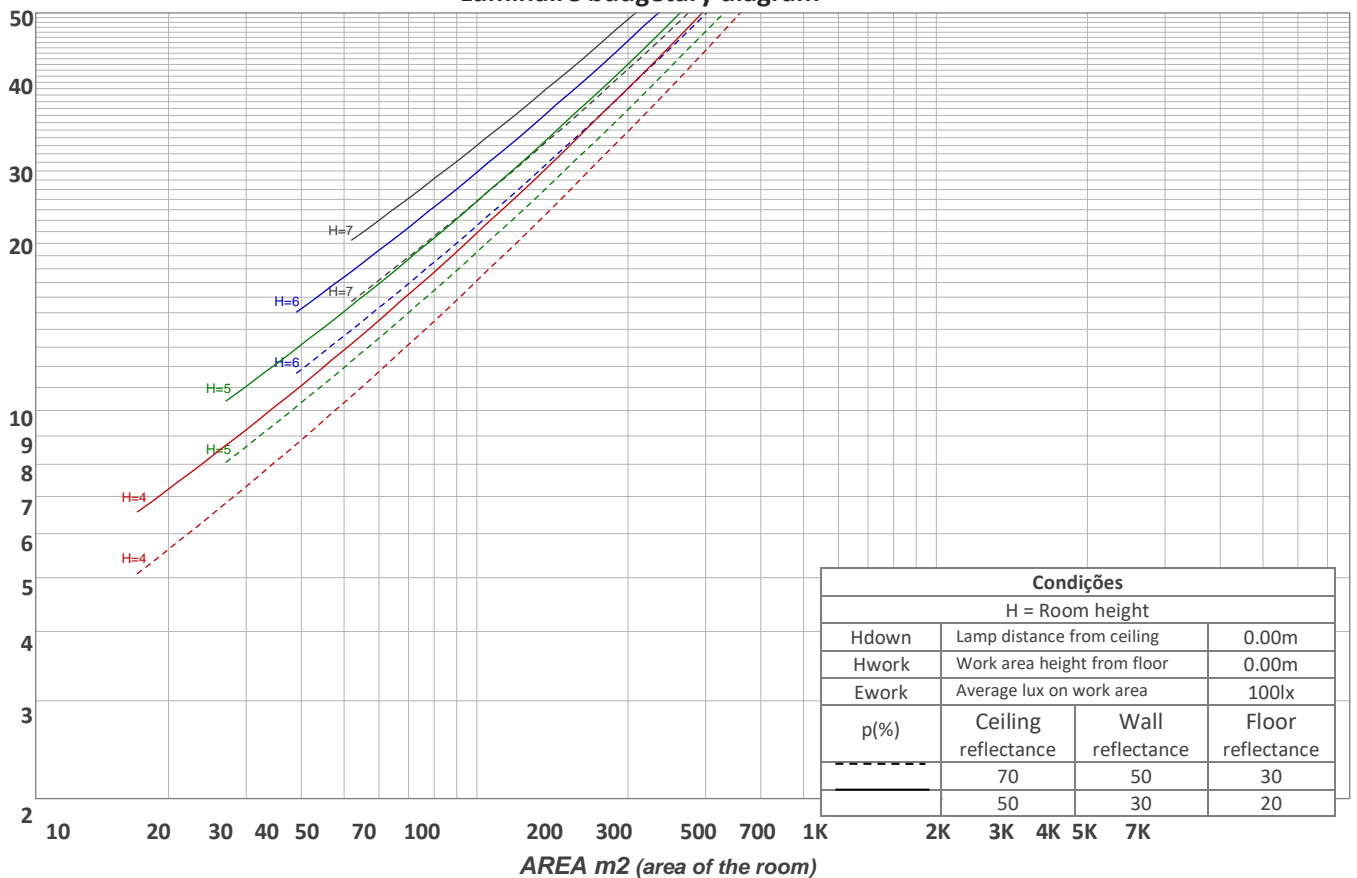
p Ceiling		70	70	50	50	30	70	70	50	50	30
p Walls		50	30	50	30	30	50	30	50	30	30
p Floor		20	20	20	20	20	20	20	20	20	20
Room size X Y		Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H	2H	20,4	21,6	20,6	21,9	22,2	20,9	22,1	21,2	22,5	22,7
	3H	21,6	22,8	22,0	23,1	23,4	22,5	23,8	23,0	24,1	24,3
	4H	22,0	23,2	22,5	23,5	23,8	23,3	24,5	23,7	24,8	25,1
	6H	22,3	23,4	22,7	23,7	24,1	24,0	25,1	24,4	25,4	25,8
	8H	22,4	23,4	22,8	23,7	24,2	24,3	25,3	24,7	25,7	26,1
	12H	22,4	23,4	22,8	23,7	24,2	24,6	25,6	25,0	25,9	26,4
4H	2H	21,0	22,2	21,4	22,5	22,8	21,5	22,6	21,9	22,9	23,2
	3H	22,5	23,5	22,9	23,9	24,4	23,4	24,4	23,8	24,7	25,2
	4H	23,0	24,0	23,5	24,4	25,0	24,2	25,1	24,7	25,5	26,1
	6H	23,4	24,2	23,9	24,6	25,0	25,0	25,9	25,5	26,3	26,7
	8H	23,5	24,2	24,0	24,7	25,1	25,4	26,1	25,9	26,6	27,0
	12H	23,5	24,1	24,0	24,6	25,1	25,7	26,4	26,2	26,8	27,4
8H	4H	23,4	24,2	23,9	24,6	25,0	24,4	25,2	24,9	25,6	26,0
	6H	23,9	24,5	24,4	25,0	25,6	25,4	26,0	25,9	26,5	27,1
	8H	24,1	24,6	24,6	25,2	25,8	25,9	26,4	26,4	27,0	27,7
	12H	24,2	24,6	24,8	25,1	25,8	26,4	26,8	27,0	27,4	28,0
12H	4H	23,4	24,1	23,9	24,5	25,1	24,4	25,1	24,9	25,5	26,0
	6H	24,0	24,6	24,6	25,1	25,8	25,5	26,0	26,0	26,5	27,2
	8H	24,2	24,7	24,8	25,2	25,9	26,0	26,4	26,6	27,0	27,6
Variation of the observer position for the luminaire distance S											
S = 1.0H	0,1 / -0,1					0,1 / -0,1					
S = 1.5H	0,2 / -0,4					0,1 / -0,1					
S = 2.0H	0,5 / -0,7					0,3 / -0,4					
Standard table	n/a					n/a					
Correction summand	n/a					n/a					
Corrected glare indices referring to 860 lm total luminous flux											

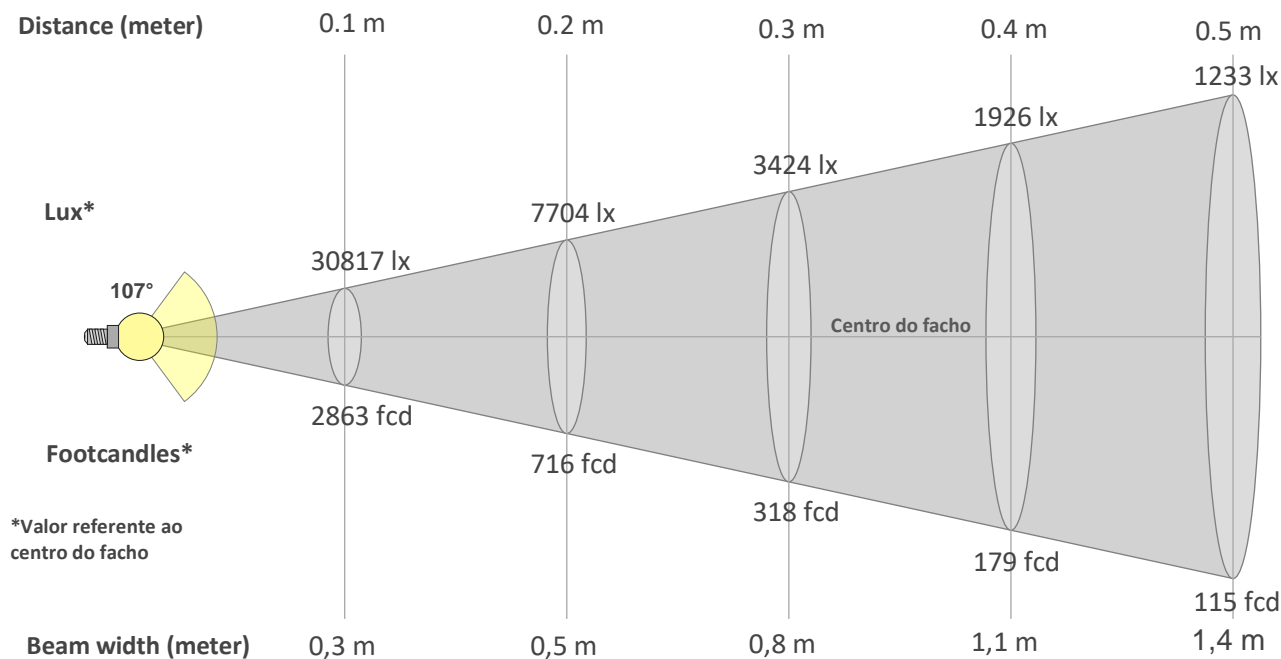
Coeficiente de utilização

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	110	110	110	105	105	105	100	100	100	98
1	108	103	99	95	105	101	97	93	96	93	90	92	89	87	88	86	84	81
2	98	90	83	77	95	88	81	76	84	79	74	80	76	72	77	73	70	68
3	90	79	71	64	87	77	70	63	74	67	62	71	65	61	68	63	59	57
4	82	70	61	54	80	68	60	54	66	59	53	63	57	52	61	55	51	49
5	75	63	54	47	73	61	53	47	59	51	46	57	50	45	55	49	44	42
6	70	56	47	41	68	55	47	41	53	46	40	51	45	40	50	44	39	37
7	65	51	42	36	63	50	42	36	48	41	36	47	40	35	45	39	35	33
8	60	47	38	32	58	46	38	32	44	37	32	43	36	32	42	36	31	29
9	56	43	35	29	55	42	34	29	41	34	29	40	33	28	38	33	28	26
10	53	40	32	26	51	39	31	26	38	31	26	37	30	26	36	30	26	24

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
308lx	77lx	34lx	19lx	12lx	9lx	6lx	5lx	4lx	3lx	3lx	2lx	2lx	2lx	1lx	1lx	1lx	1lx	1lx	1lx
28,6fcd	7,2fcd	3,2fcd	1,8fcd	1,1fcd	0,8fcd	0,6fcd	0,4fcd	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°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
308	306	300	292	281	267	250	231	211	189	166	142	118	93	69	44	24	8	2	3
100%	99%	98%	95%	91%	87%	81%	75%	68%	61%	54%	46%	38%	30%	22%	14%	8%	3%	1%	1%

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°
308	307	301	293	282	268	252	234	214	194	173	151	128	106	85	64	44	29	17	9
100%	99%	98%	95%	91%	87%	82%	76%	70%	63%	56%	49%	42%	35%	28%	21%	14%	9%	5%	3%

Intensities in 180° c-plane

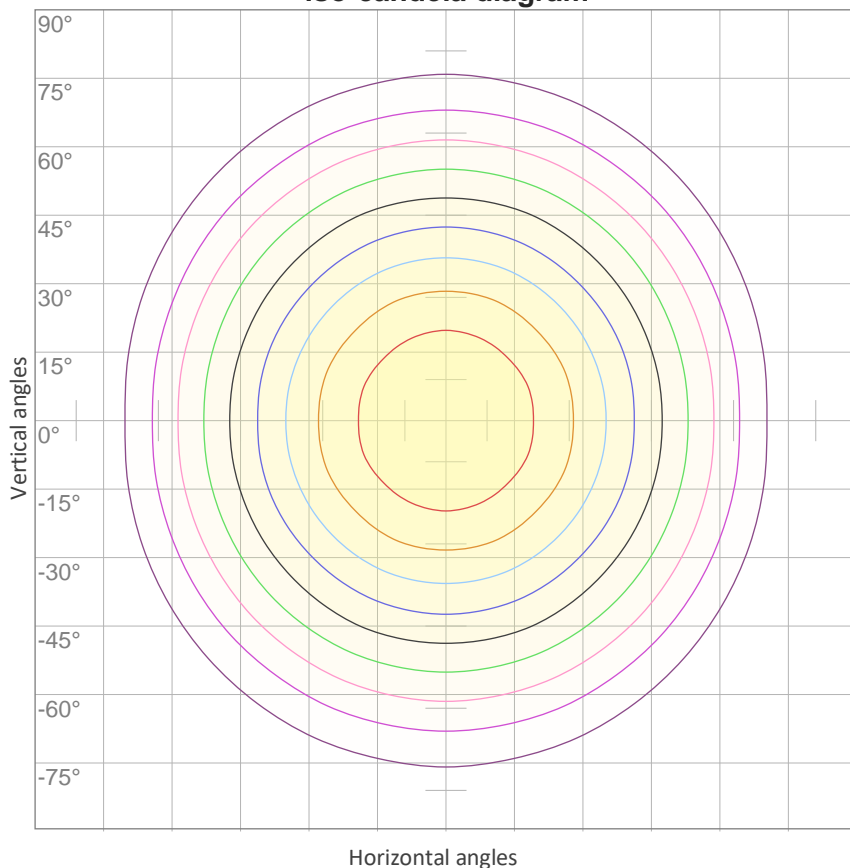
0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
308	306	300	292	281	267	250	231	211	189	166	142	118	93	69	44	24	8	2	3
100%	99%	98%	95%	91%	87%	81%	75%	68%	61%	54%	46%	38%	30%	22%	14%	8%	3%	1%	1%

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°
308	307	301	293	282	268	252	234	214	194	173	151	128	106	85	64	44	29	17	9
100%	99%	98%	95%	91%	87%	82%	76%	70%	63%	56%	49%	42%	35%	28%	21%	14%	9%	5%	3%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
107°	163,3°	183,9°	76,7%	52,9%

iso-candela diagram



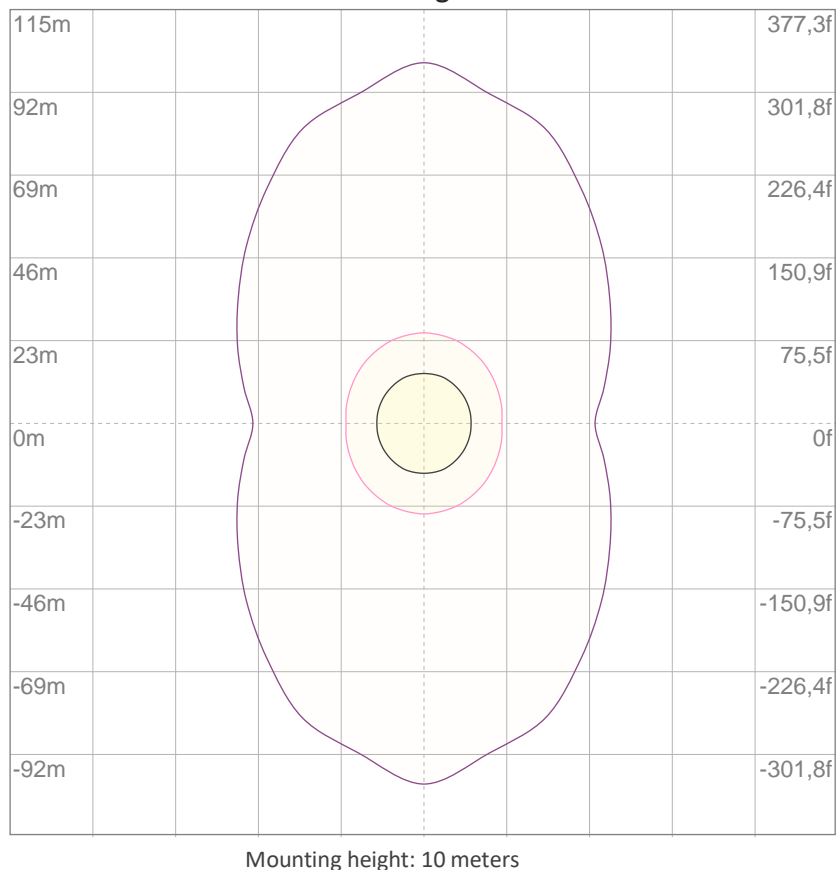
10%	31 cd
20%	62 cd
30%	92 cd
40%	123 cd
50%	154 cd
60%	185 cd
70%	216 cd
80%	247 cd
90%	277 cd

Conditions:

Number of c-planes: 16

Candela at center: 308 cd

iso-lux diagram



3%	92,4m lx
5%	0,154 lx
10%	0,308 lx
30%	0,924 lx
50%	1,54 lx

Conditions:

Number of c-planes: 16

Lux at center: 3,08 lx

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

Potência

Vttagem: 12,0 V

Corrente: 1,20 A

Frequência: 0 Hz

FP: 1,0

THD



THD corrente: n/a

THD tensão: n/a