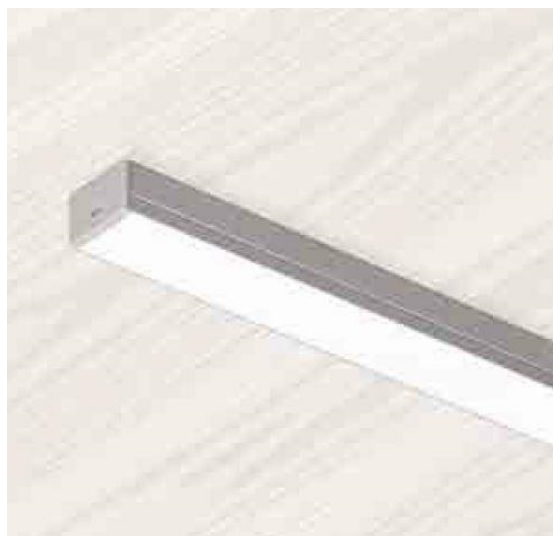


9003 SLED9003 BRANCA FITA 20WM 5700K 95 - 1m



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 – 1100 lm/m

Potência – 20,2 W/m

Intensidade pico – 393cd

CCT – 5603K



IRC – 95,6

Coordenada CIE 1931 – x- 0,330 y- 0,341

A x L - 12x24

Peso - 0,15kg/m

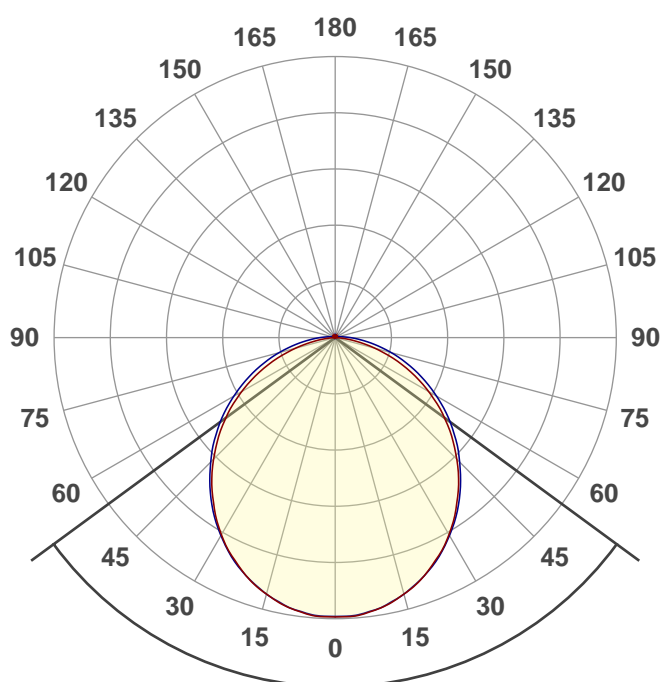
IP - 20 - Uso Interno

IK - 00 – Não aplicável

Alimentação - 12vdc

Data do ensaio

08/03/2022 12:56:28



Facho de abertura

107,4°

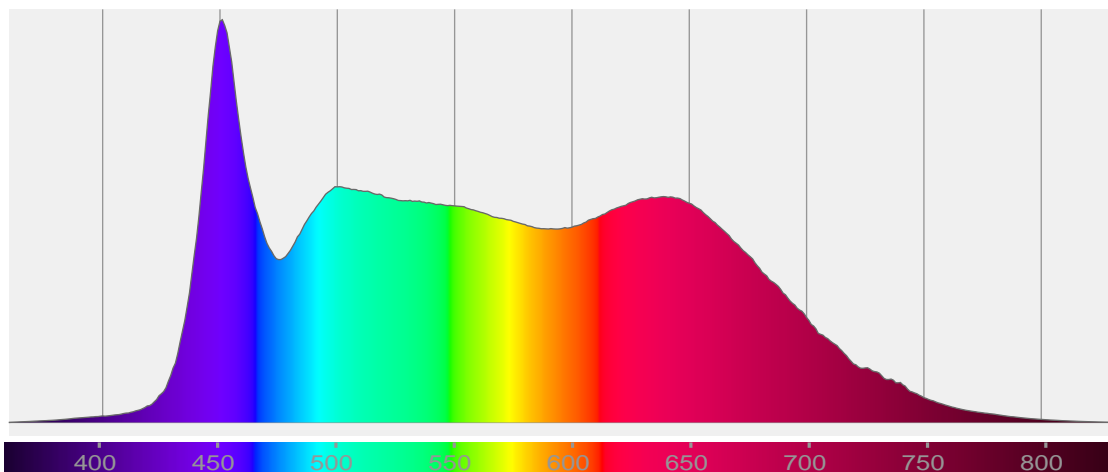
Rf 93,9

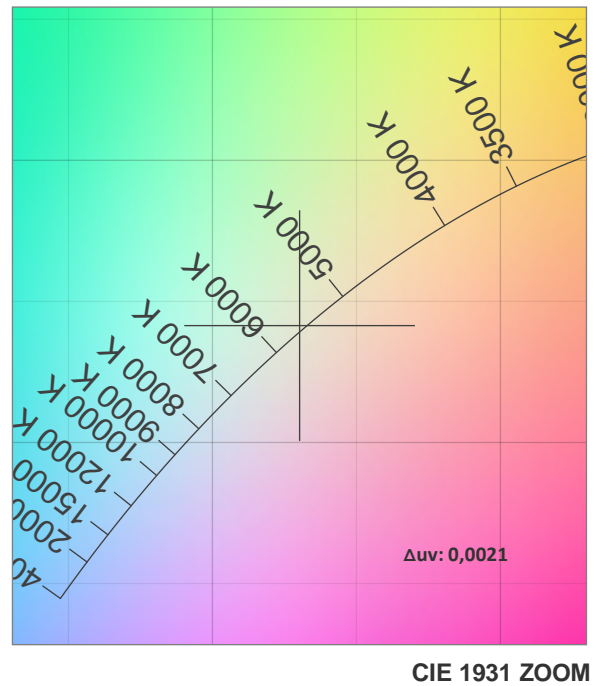
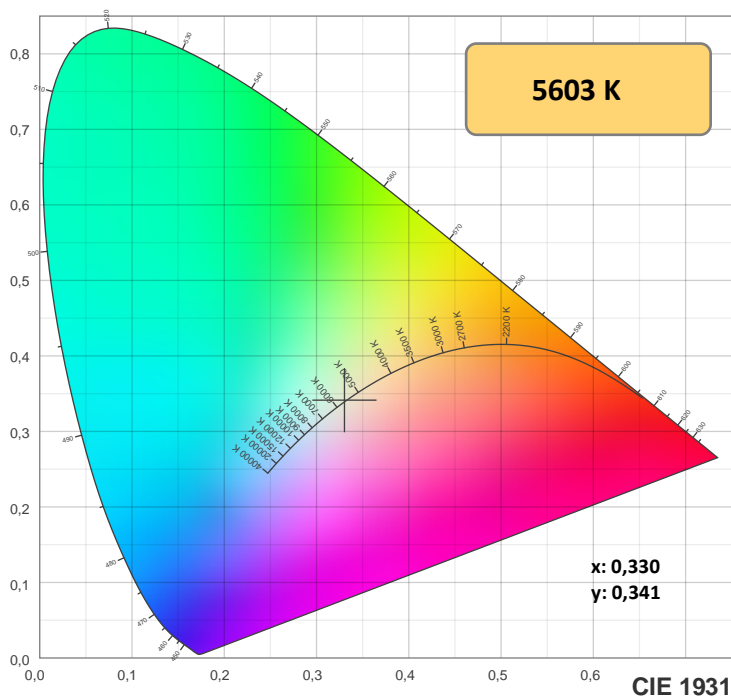
Fidelity index Rf

Rg 101,9

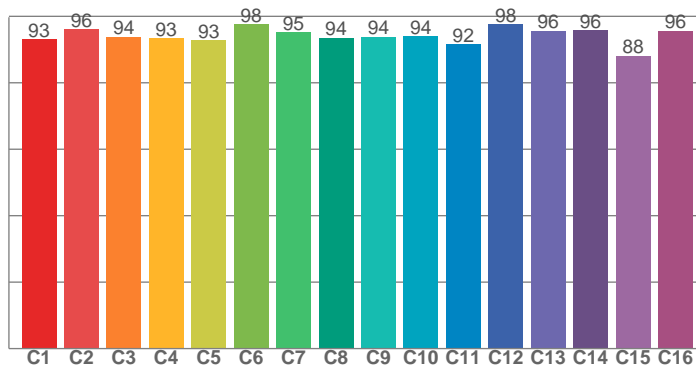
Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	93	3%	0%
2	96	2%	-1%
3	94	1%	-3%
4	93	-2%	-4%
5	93	-5%	-2%
6	98	-1%	1%
7	95	-1%	3%
8	94	0%	4%
9	94	1%	5%
10	94	2%	3%
11	92	3%	4%
12	98	1%	0%
13	96	2%	0%
14	96	1%	1%
15	88	9%	-3%
16	96	2%	1%

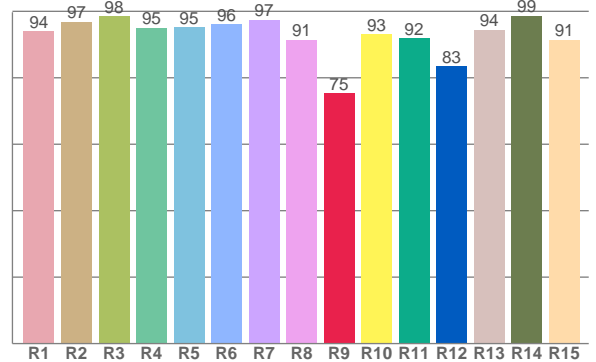




TM-30: 93,9



CRI: 95,6 (R1-R8)



CRIRA R1-R8 / CRIR R1-R15

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
94,0	96,9	98,5	95,1	95,2	96,1	97,4	91,4	75,3	93,1	91,9	83,5	94,5	98,6	91,4

TM30 valores C. 16 valores extraídos dos 99.

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
93,0	96,1	93,9	93,3	92,8	97,6	95,2	93,5	93,8	94,0	91,6	97,6	95,6	95,7	88,0	95,6

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
5603 K	95,6	75,3	93,9	101,9	97,1	0,330	0,341	0,205	0,318	0,0021

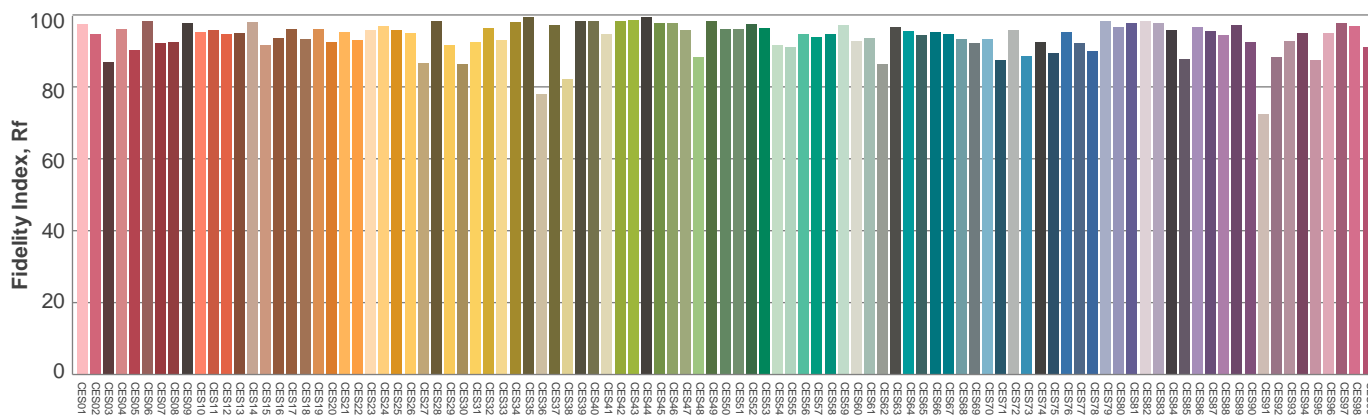
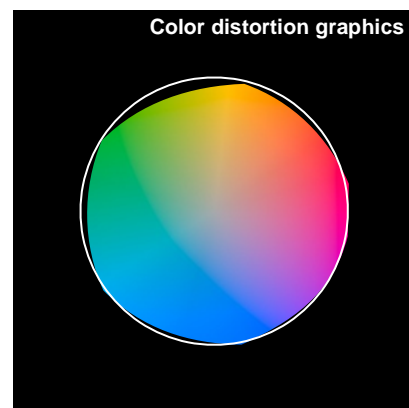
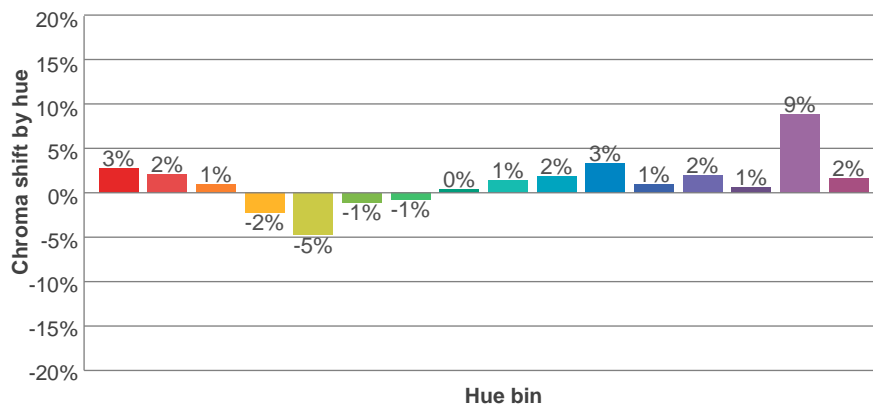
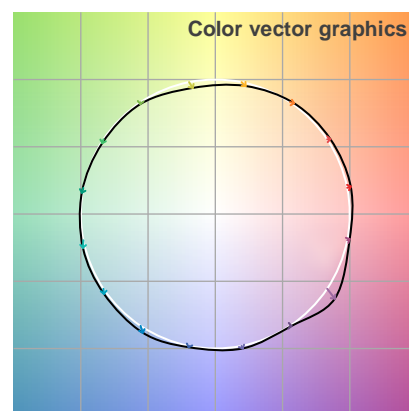
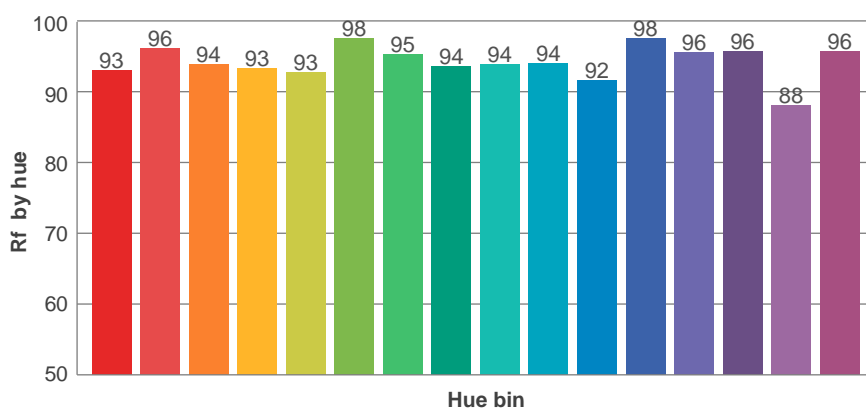
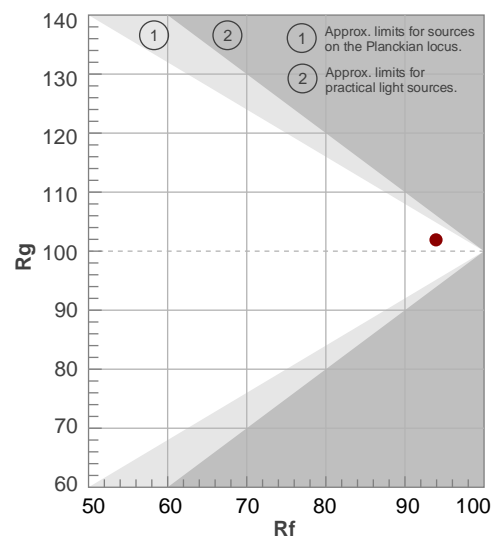
Rf 93,9

Fidelity index Rf

Rg 101,9

Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	93	3%	0%
2	96	2%	-1%
3	94	1%	-3%
4	93	-2%	-4%
5	93	-5%	-2%
6	98	-1%	1%
7	95	-1%	3%
8	94	0%	4%
9	94	1%	5%
10	94	2%	3%
11	92	3%	4%
12	98	1%	0%
13	96	2%	0%
14	96	1%	1%
15	88	9%	-3%
16	96	2%	1%



Avaliação todas as amostras de cores

Glare Evaluation According to UGR

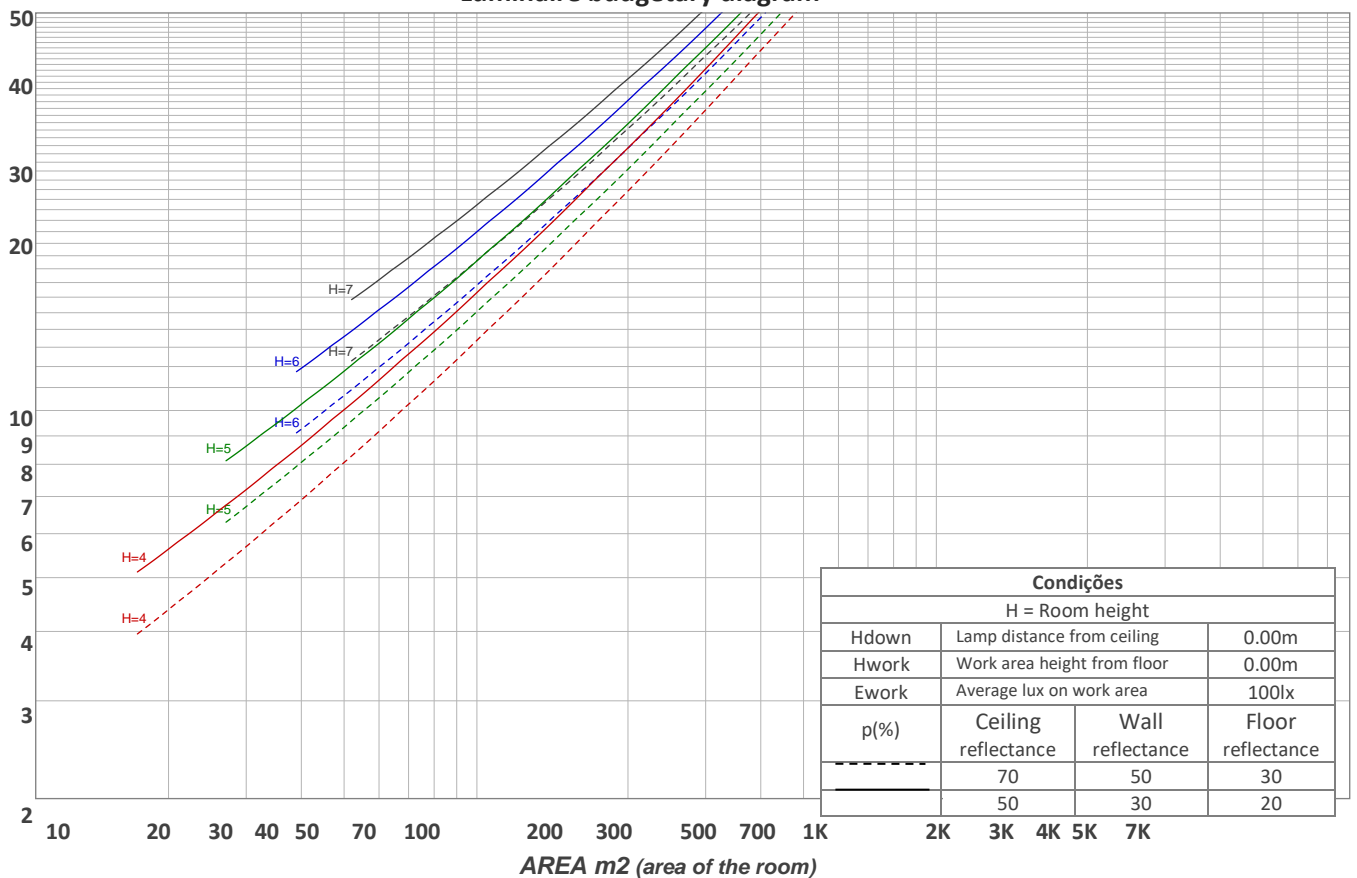
p Ceiling		70	70	50	50	30	70	70	50	50	30
p Walls		50	30	50	30	30	50	30	50	30	30
p Floor		20	20	20	20	20	20	20	20	20	20
Room size X Y		Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H	2H	21,3	22,5	21,5	22,8	23,1	21,8	23,0	22,1	23,4	23,6
	3H	22,5	23,7	22,9	24,0	24,3	23,4	24,7	23,8	25,0	25,2
	4H	22,9	24,1	23,4	24,4	24,7	24,2	25,4	24,6	25,7	26,0
	6H	23,3	24,3	23,6	24,6	25,0	24,9	25,9	25,2	26,2	26,7
	8H	23,3	24,3	23,7	24,6	25,1	25,2	26,2	25,5	26,5	27,0
	12H	23,3	24,3	23,7	24,6	25,1	25,4	26,4	25,8	26,8	27,3
4H	2H	21,9	23,1	22,3	23,4	23,7	22,3	23,5	22,8	23,8	24,1
	3H	23,4	24,4	23,8	24,8	25,3	24,2	25,2	24,6	25,6	26,1
	4H	23,9	24,9	24,4	25,3	25,8	25,1	26,0	25,5	26,4	27,0
	6H	24,3	25,2	24,8	25,5	25,9	25,9	26,7	26,4	27,1	27,5
	8H	24,4	25,2	24,9	25,6	26,0	26,2	27,0	26,8	27,4	27,8
	12H	24,4	25,0	24,9	25,5	26,0	26,6	27,2	27,1	27,7	28,2
8H	4H	24,3	25,1	24,8	25,5	25,9	25,3	26,1	25,8	26,5	26,9
	6H	24,8	25,4	25,3	25,9	26,5	26,3	26,9	26,8	27,4	28,0
	8H	25,0	25,5	25,5	26,1	26,7	26,8	27,3	27,3	27,9	28,5
	12H	25,1	25,5	25,7	26,0	26,7	27,3	27,7	27,9	28,3	28,9
12H	4H	24,3	25,0	24,8	25,4	25,9	25,3	25,9	25,8	26,4	26,9
	6H	24,9	25,5	25,5	26,0	26,7	26,3	26,9	26,9	27,4	28,1
	8H	25,1	25,6	25,7	26,1	26,7	26,9	27,3	27,5	27,8	28,5
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 / -0,3					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 1100 lm total luminous flux											

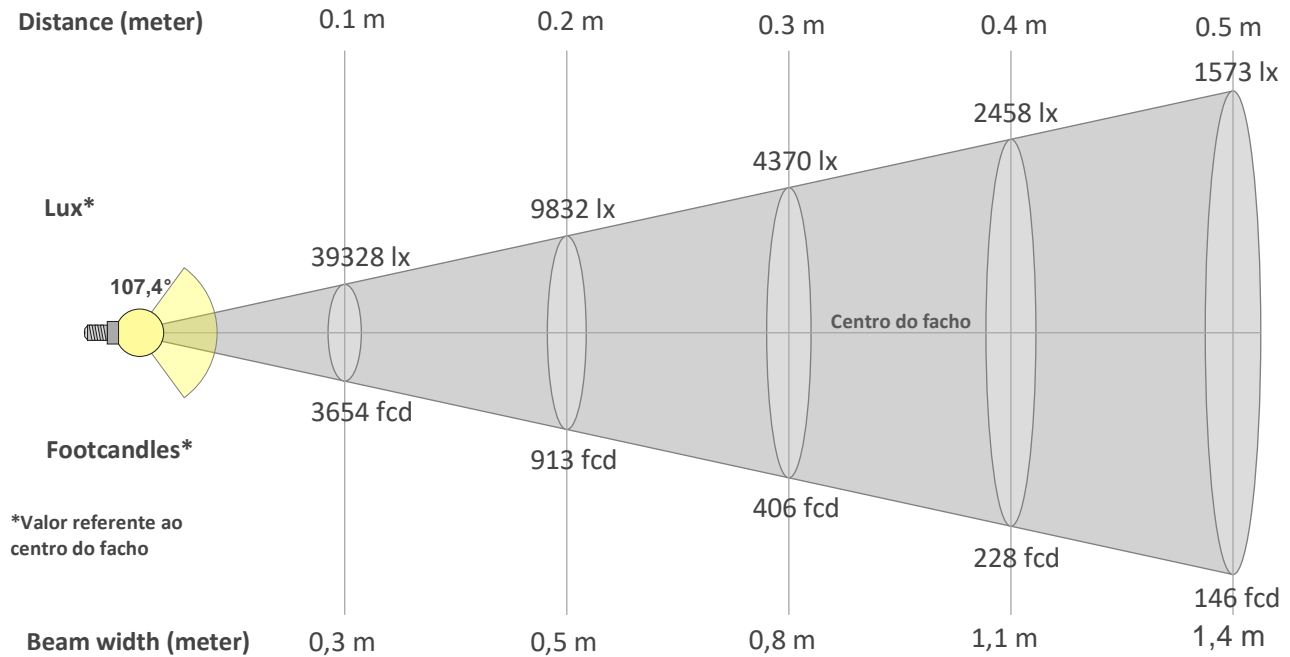
Coeficiente de utilização

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	53	47	73	61	53	46	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	31	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
393lx	98lx	44lx	25lx	16lx	11lx	8lx	6lx	5lx	4lx	3lx	3lx	2lx	2lx	2lx	2lx	1lx	1lx	1lx	1lx
36,5fcd	9,1fcd	4,1fcd	2,3fcd	1,5fcd	1fcd	0,7fcd	0,6fcd	0,5fcd	0,4fcd	0,3fcd	0,3fcd	0,2fcd	0,2fcd	0,2fcd	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°
393	392	385	374	360	341	320	296	270	242	213	183	152	120	89	58	31	10	2	3
100%	100%	98%	95%	91%	87%	81%	75%	69%	62%	54%	47%	39%	31%	23%	15%	8%	2%	0%	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°
393	391	385	374	359	342	322	299	274	248	221	194	165	136	108	82	57	36	22	12
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

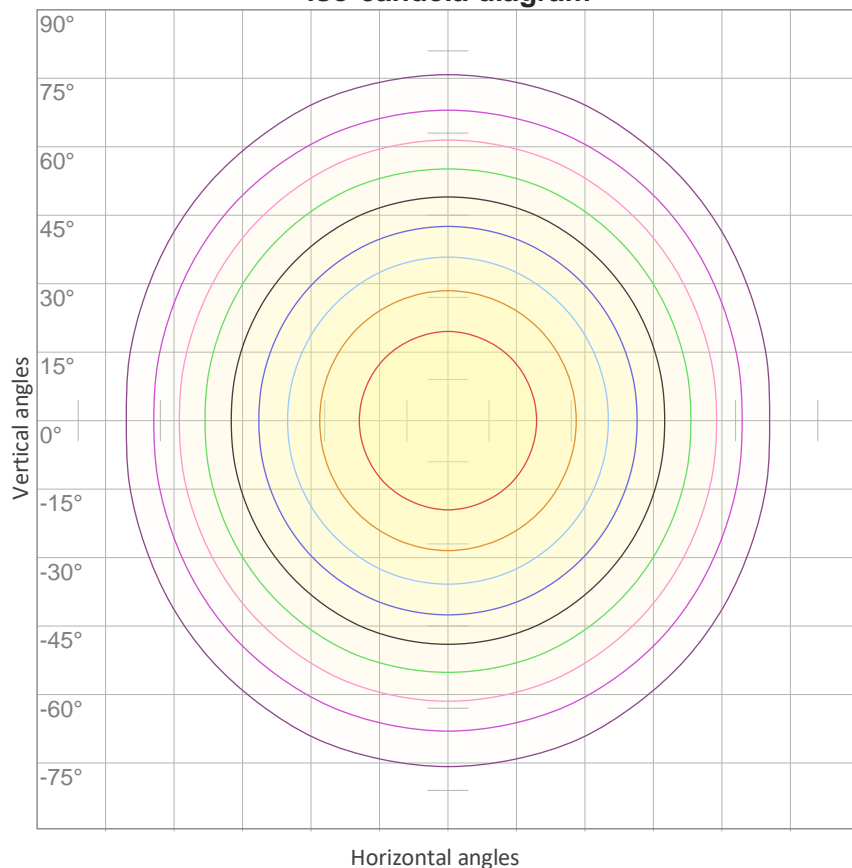
0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
393	392	385	374	360	341	320	296	270	242	213	183	152	120	89	58	31	10	2	3
100%	100%	98%	95%	91%	87%	81%	75%	69%	62%	54%	47%	39%	31%	23%	15%	8%	2%	0%	1%

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°
393	391	385	374	359	342	322	299	274	248	221	194	165	136	108	82	57	36	22	12
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
107,4°	163,5°	183,9°	76,8%	52,9%

iso-candela diagram



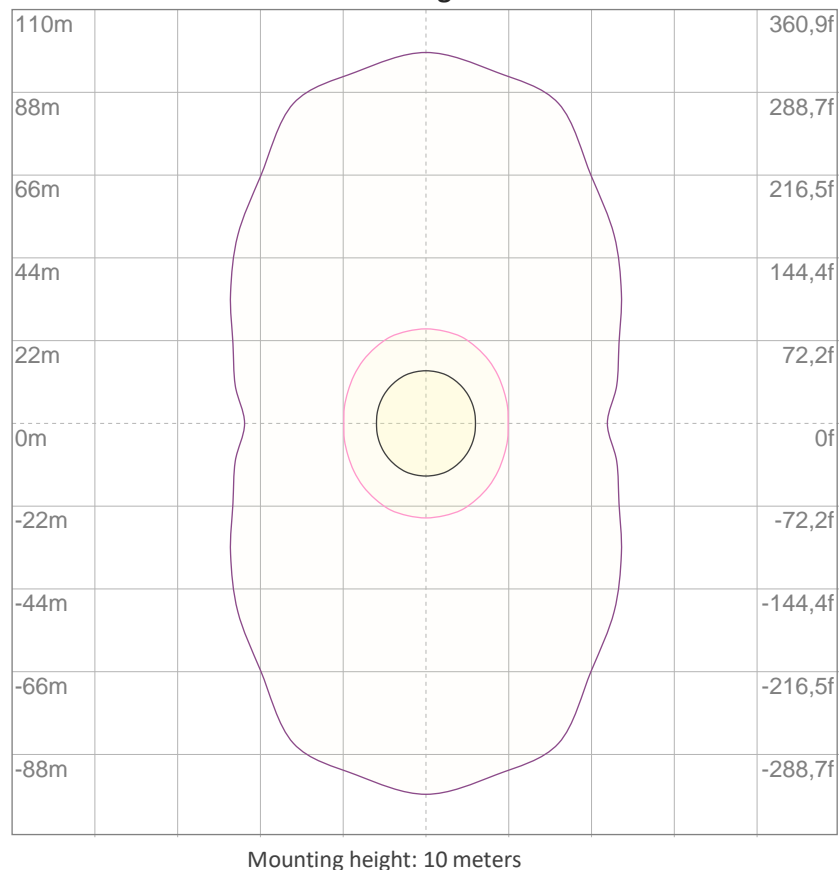
10%	39 cd
20%	79 cd
30%	118 cd
40%	157 cd
50%	197 cd
60%	236 cd
70%	275 cd
80%	315 cd
90%	354 cd

Conditions:

Number of c-planes: 16

Candela at center: 393 cd

iso-lux diagram



3%	0,118 lx
5%	0,197 lx
10%	0,393 lx
30%	1,18 lx
50%	1,97 lx

Conditions:

Number of c-planes: 16

Lux at center: 3,93 lx

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

Potência

Vttagem: 12,0 V

Corrente: 1,68 A

Frequência: 0 Hz

FP: 1,0

THD



THD corrente: n/a

THD tensão: n/a