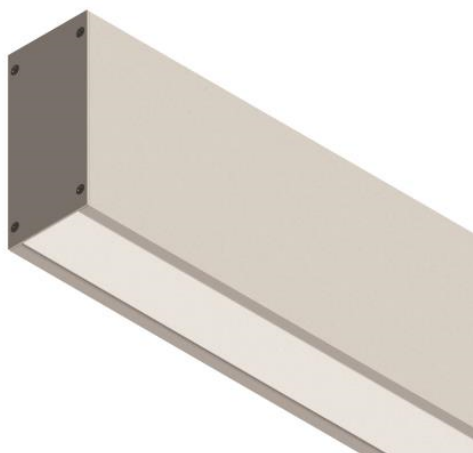


## W96 SLED9006 BRANCA FITA 20WM 2700K 95 -1m



Luminária linear de sobrepor na parede 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 – 980 lm/m

Potência – 20,2 W/m

Intensidade pico – 357cd

CCT – 2727K



IRC – 97,3

Coordenada CIE 1931 – x- 0,461 y- 0,416

A x L - 96x46

Peso - 1,43kg/m

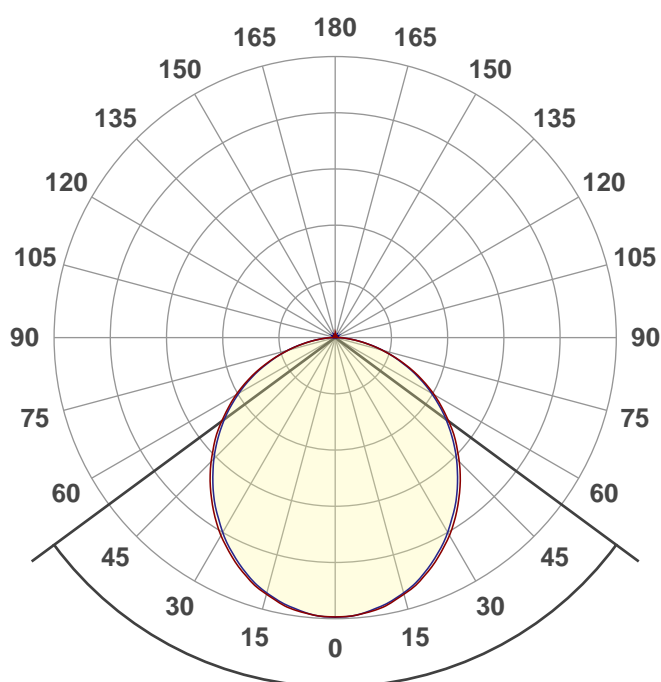
IP - 20 - Uso Interno

IK - 00 – Não aplicável

Alimentação - 12vdc

Data do ensaio

23/05/2022 14:01:02



Facho de abertura

**107,2°**

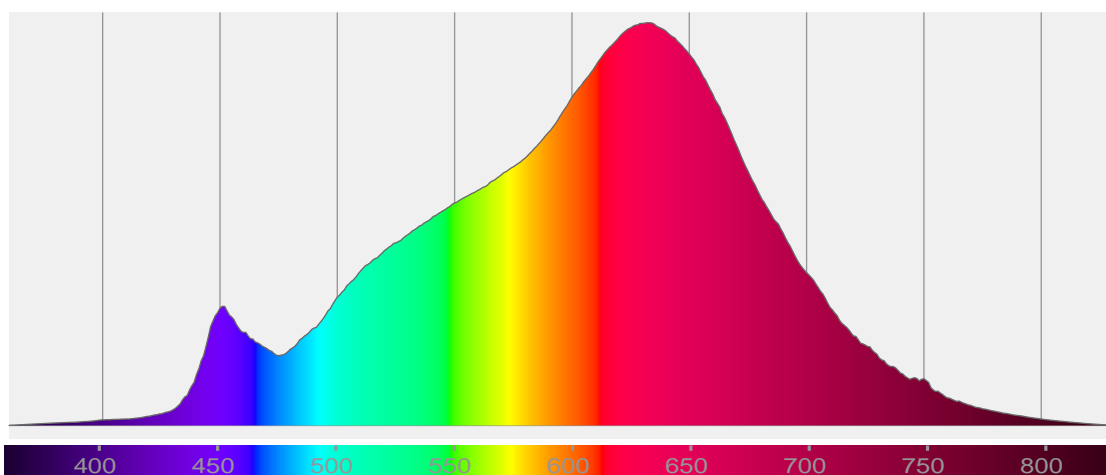
**Rf 95,0**

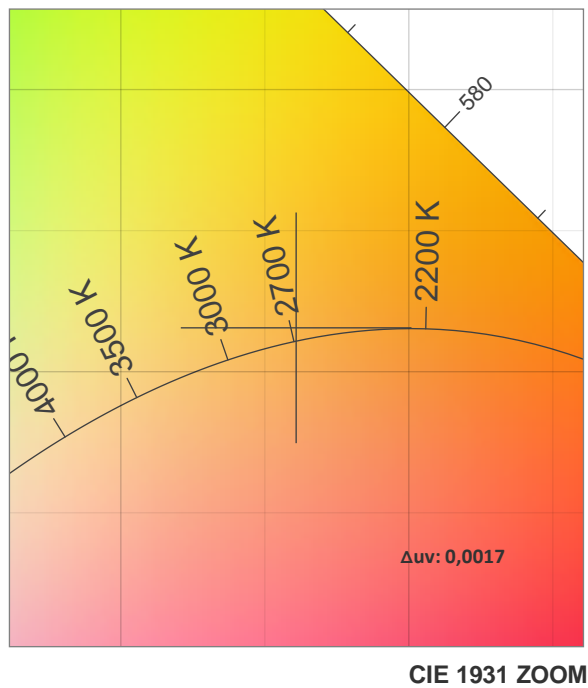
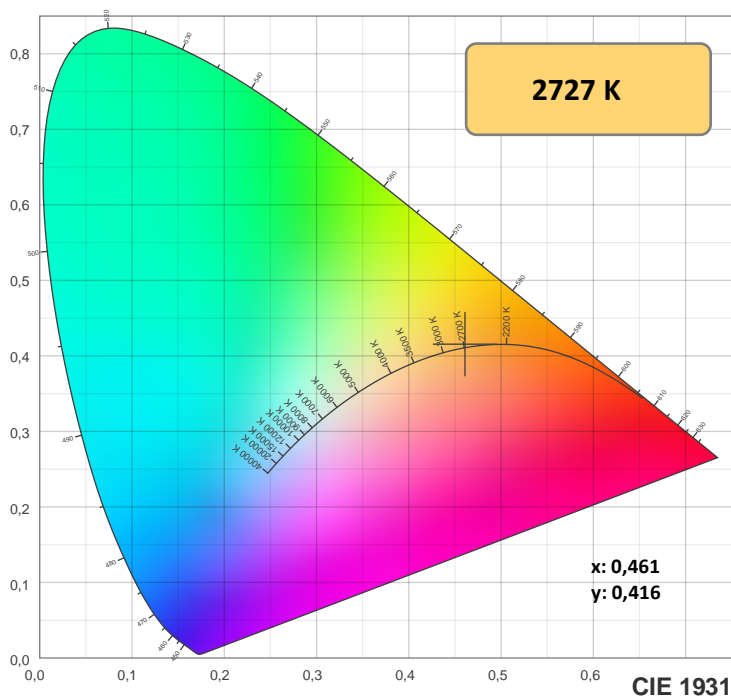
Fidelity index Rf

**Rg 99,1**

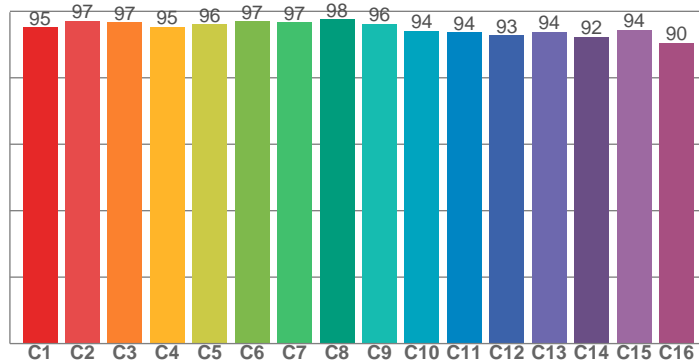
Gamut index Rg

Hue Bin	R <sub>f</sub>	Shifts (%)	
		Chroma	Hue
1	95	-2%	0%
2	97	-1%	0%
3	97	-1%	1%
4	95	-3%	-1%
5	96	-2%	2%
6	97	0%	2%
7	97	-2%	1%
8	98	0%	2%
9	96	0%	2%
10	94	0%	4%
11	94	2%	4%
12	93	4%	-1%
13	94	1%	-5%
14	92	2%	-6%
15	94	-2%	-1%
16	90	-1%	-7%

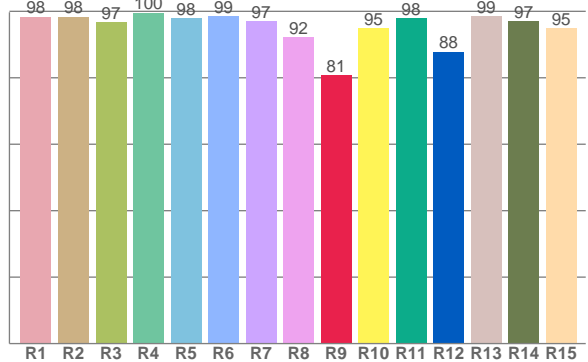




TM-30: 95,0



CRI: 97,3 (R1-R8)



CRIRA R1-R8 / CRIR R1-R15

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98,4	98,4	96,7	99,6	97,9	98,6	96,9	92,1	80,8	94,9	98,0	87,9	98,5	97,1	95,0

TM30 valores C. 16 valores extraídos dos 99.

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95,2	97,1	96,6	95,3	96,1	97,0	96,7	97,6	96,2	94,2	93,7	92,8	93,8	92,3	94,4	90,5

## 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	$\Delta uv$
2727 K	97,3	80,8	95,0	99,1	94,2	0,461	0,416	0,261	0,353	0,0017

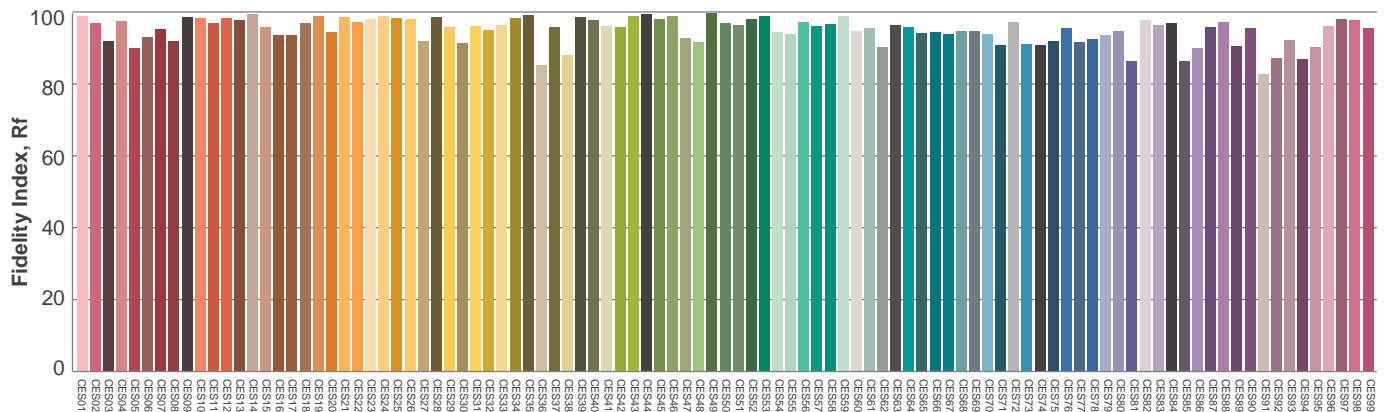
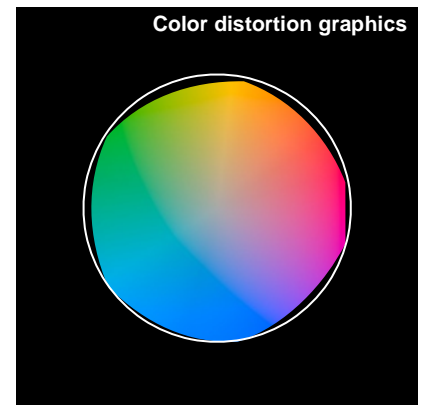
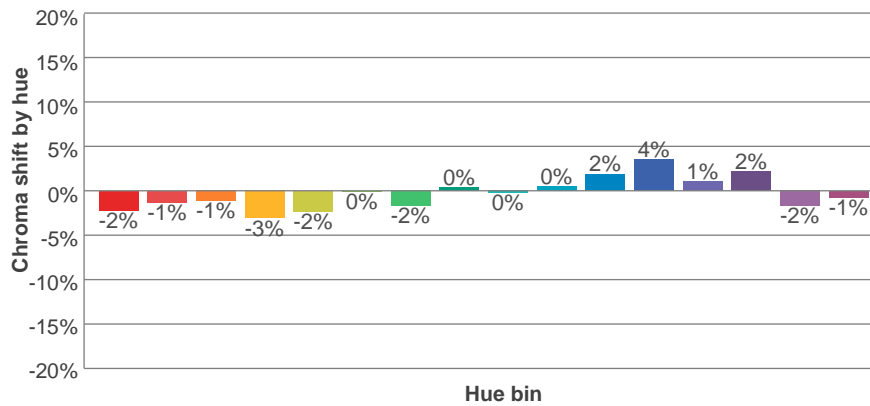
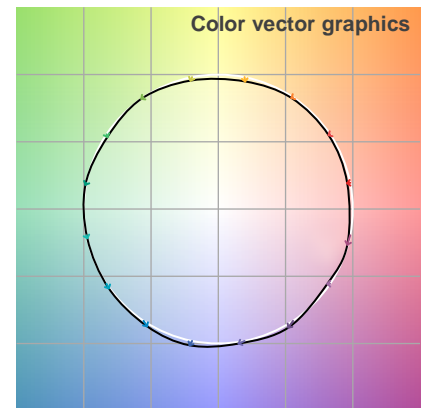
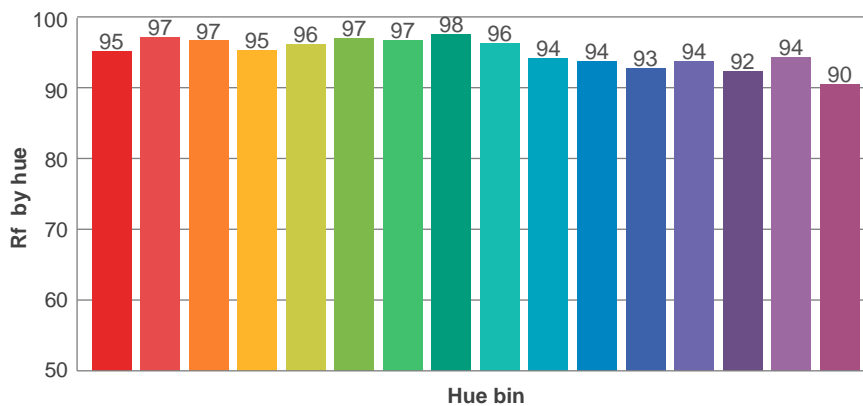
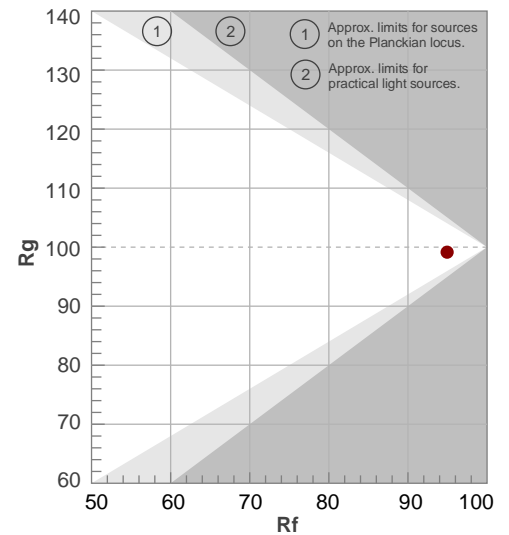
**Rf 95,0**

Fidelity index Rf

**Rg 99,1**

Gamut index Rg

Hue Bin	R <sub>f</sub>	Shifts (%)	
		Chroma	Hue
1	95	-2%	0%
2	97	-1%	0%
3	97	-1%	1%
4	95	-3%	-1%
5	96	-2%	2%
6	97	0%	2%
7	97	-2%	1%
8	98	0%	2%
9	96	0%	2%
10	94	0%	4%
11	94	2%	4%
12	93	4%	-1%
13	94	1%	-5%
14	92	2%	-6%
15	94	-2%	-1%
16	90	-1%	-7%



Avaliação todas as amostras de cores

Glare Evaluation According to UGR

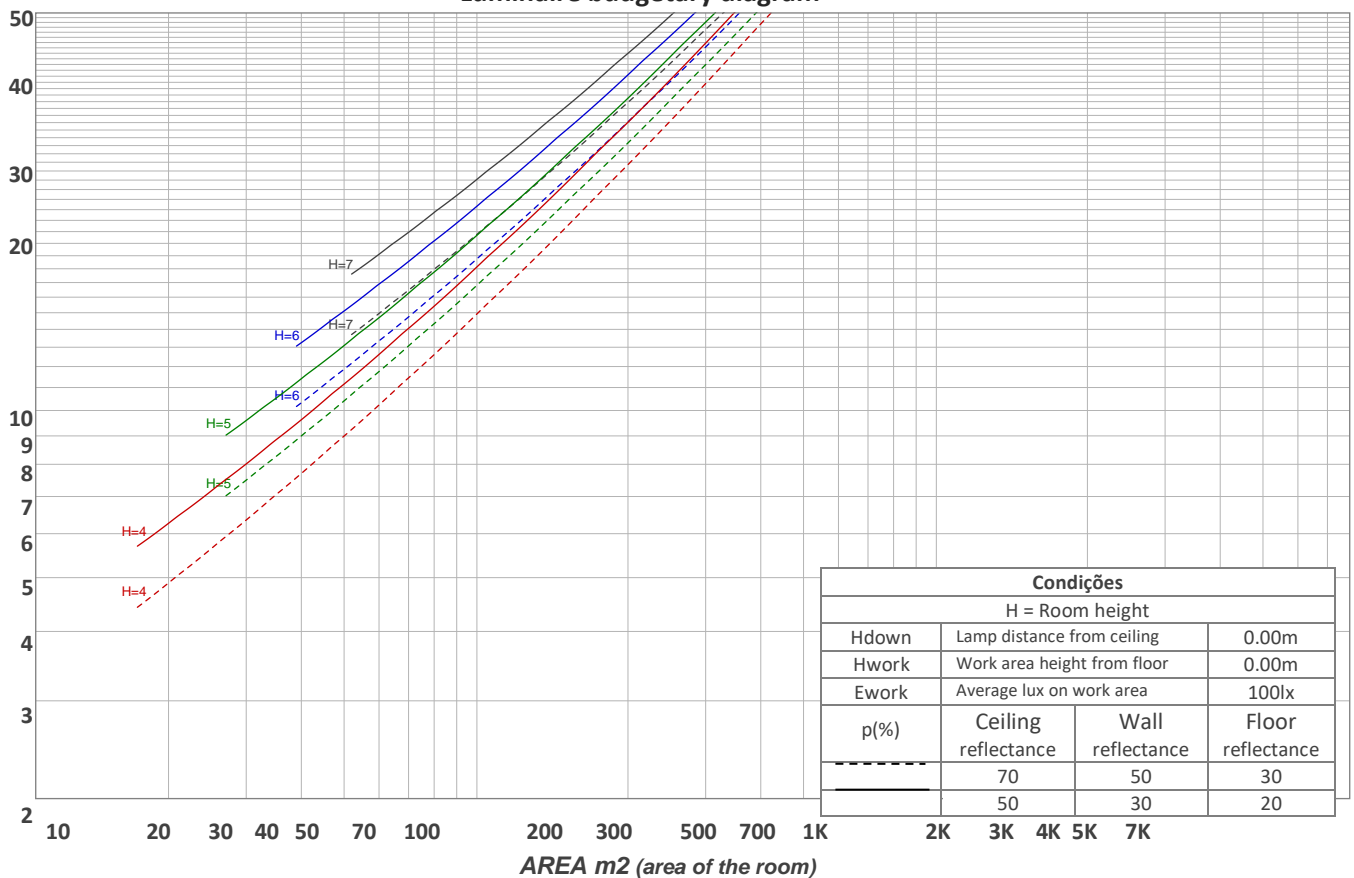
p Ceiling		70	70	50	50	30	70	70	50	50	30
p Walls		50	30	50	30	30	50	30	50	30	30
p Floor		20	20	20	20	20	20	20	20	20	20
Room size X    Y		Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H	2H	20,3	21,5	20,6	21,8	22,1	20,2	21,4	20,5	21,7	22,0
	3H	21,8	23,0	22,2	23,3	23,5	21,6	22,9	22,1	23,2	23,4
	4H	22,4	23,6	22,8	23,9	24,1	22,3	23,5	22,7	23,8	24,0
	6H	22,9	23,9	23,2	24,2	24,6	22,8	23,8	23,1	24,1	24,6
	8H	23,0	24,0	23,4	24,3	24,8	23,0	24,0	23,3	24,3	24,7
	12H	23,1	24,1	23,5	24,4	24,9	23,0	24,0	23,4	24,4	24,9
4H	2H	20,9	22,1	21,3	22,4	22,7	20,8	22,0	21,2	22,3	22,6
	3H	22,7	23,7	23,1	24,0	24,5	22,6	23,6	23,0	23,9	24,4
	4H	23,3	24,2	23,8	24,7	25,2	23,3	24,2	23,7	24,6	25,2
	6H	23,9	24,7	24,4	25,1	25,5	23,8	24,7	24,4	25,1	25,5
	8H	24,1	24,8	24,6	25,2	25,6	24,1	24,8	24,6	25,2	25,6
	12H	24,2	24,8	24,7	25,3	25,8	24,2	24,9	24,7	25,3	25,8
8H	4H	23,6	24,4	24,1	24,8	25,2	23,6	24,3	24,1	24,7	25,1
	6H	24,3	24,9	24,8	25,4	26,0	24,3	24,9	24,8	25,4	26,0
	8H	24,6	25,1	25,1	25,7	26,3	24,6	25,2	25,2	25,7	26,4
	12H	24,8	25,2	25,4	25,8	26,4	24,9	25,3	25,5	25,8	26,5
12H	4H	23,6	24,3	24,1	24,7	25,2	23,6	24,2	24,1	24,7	25,2
	6H	24,4	24,9	24,9	25,5	26,1	24,4	24,9	24,9	25,5	26,1
	8H	24,7	25,1	25,3	25,7	26,3	24,7	25,2	25,3	25,7	26,3
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					0,1 / -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 980 lm total luminous flux											

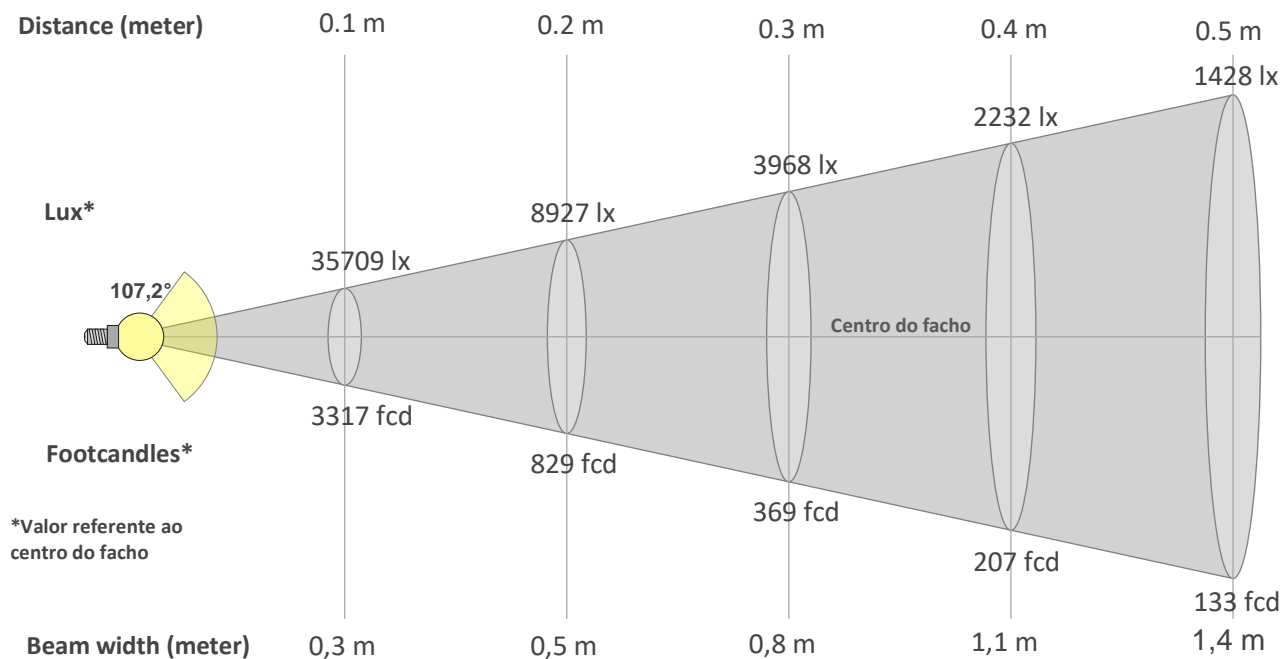
**Coeficiente de utilização**

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	101	101	101	99
1	108	104	99	95	106	101	97	94	97	93	91	93	90	88	89	87	85	82
2	99	90	83	78	96	88	82	77	85	79	75	81	77	73	78	74	71	69
3	90	79	71	65	87	78	70	64	74	68	63	72	66	61	69	64	60	58
4	82	70	62	55	80	69	61	54	66	59	53	64	58	53	61	56	52	50
5	76	63	54	47	74	62	53	47	59	52	46	57	51	46	55	50	45	43
6	70	57	48	41	68	56	47	41	54	46	41	52	45	40	50	44	40	38
7	65	51	43	37	63	51	42	36	49	41	36	47	41	36	46	40	35	33
8	60	47	38	33	59	46	38	32	45	37	32	43	37	32	42	36	32	30
9	56	43	35	29	55	42	35	29	41	34	29	40	33	29	39	33	29	27
10	53	40	32	27	52	39	32	27	38	31	26	37	31	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
357lx	89lx	40lx	22lx	14lx	10lx	7lx	6lx	4lx	4lx	3lx	2lx	2lx	2lx	2lx	1lx	1lx	1lx	1lx	1lx
33,2fcd	8,3fcd	3,7fcd	2,1fcd	1,3fcd	0,9fcd	0,7fcd	0,5fcd	0,4fcd	0,3fcd	0,3fcd	0,2fcd	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°
357	355	350	340	327	310	292	271	248	224	200	173	146	119	90	63	38	17	5	2
100%	99%	98%	95%	92%	87%	82%	76%	70%	63%	56%	48%	41%	33%	25%	18%	11%	5%	2%	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°
357	355	348	338	324	307	287	266	243	219	194	169	142	115	88	62	38	17	4	1
100%	99%	97%	95%	91%	86%	81%	75%	68%	61%	54%	47%	40%	32%	25%	17%	11%	5%	1%	0%

### Intensities in 180° c-plane

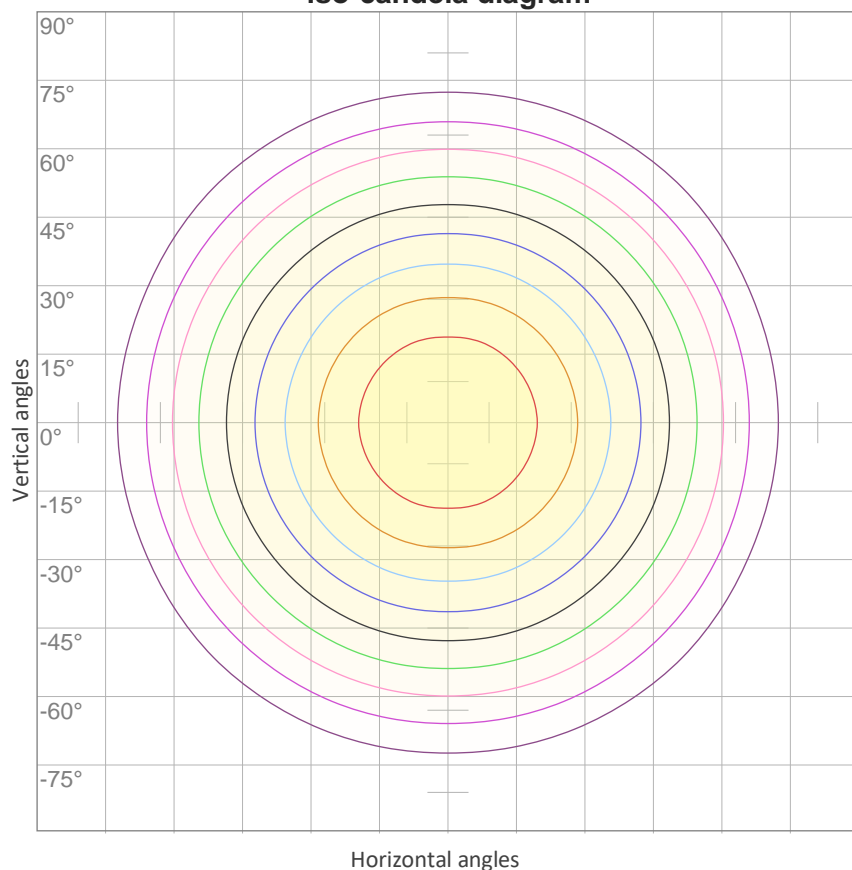
0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
357	355	350	340	327	310	292	271	248	224	200	173	146	119	90	63	38	17	5	2
100%	99%	98%	95%	92%	87%	82%	76%	70%	63%	56%	48%	41%	33%	25%	18%	11%	5%	2%	1%

### 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°
357	355	348	338	324	307	287	266	243	219	194	169	142	115	88	62	38	17	4	1
100%	99%	97%	95%	91%	86%	81%	75%	68%	61%	54%	47%	40%	32%	25%	17%	11%	5%	1%	0%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
107,2°	161°	176,8°	77,9%	53,7%

**iso-candela diagram**



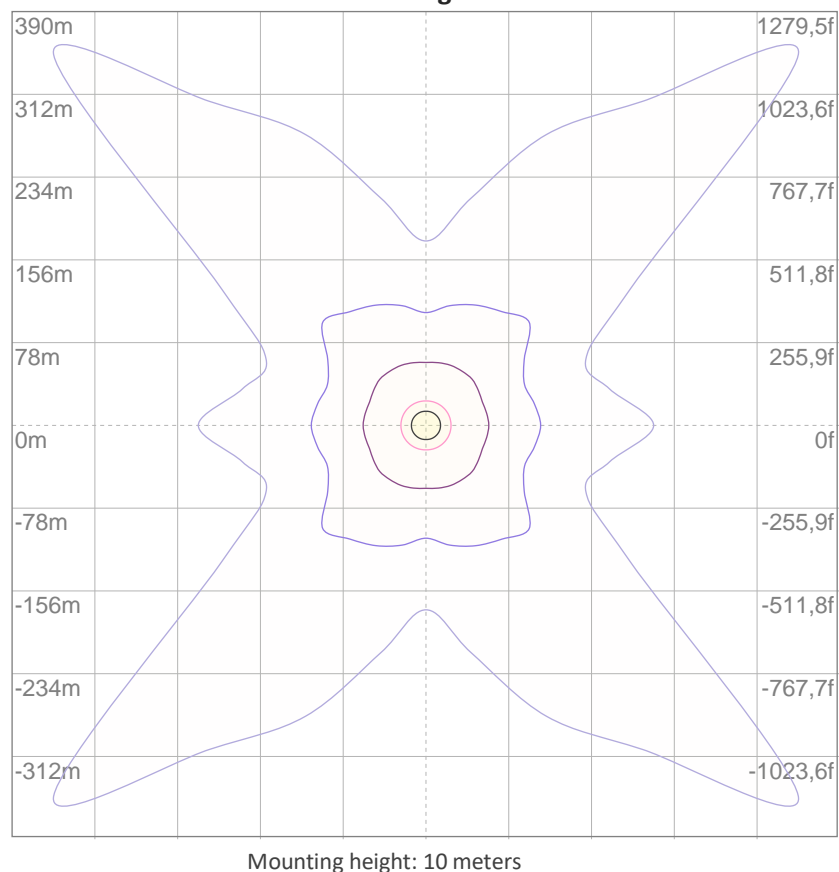
10%	36 cd
20%	71 cd
30%	107 cd
40%	143 cd
50%	179 cd
60%	214 cd
70%	250 cd
80%	286 cd
90%	321 cd

Conditions:

Number of c-planes: 16

Candela at center: 357 cd

**iso-lux diagram**



3%	0,107 lx
5%	0,179 lx
10%	0,357 lx
30%	1,07 lx
50%	1,79 lx

Conditions:

Number of c-planes: 16

Lux at center: 3,57 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: 0,99**

**THD**



**THD corrente: n/a**

**THD tensão: n/a**