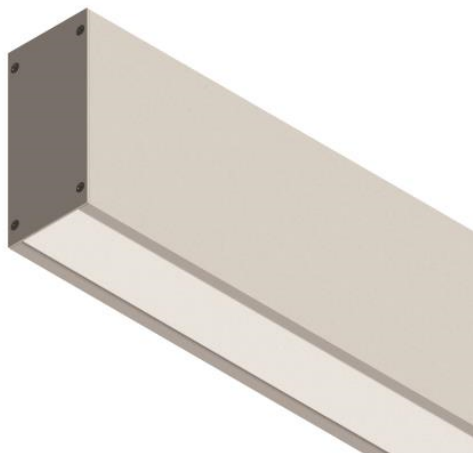


## W96 SLED9006 BRANCA FITA 20WM 2400K 95 - 1m



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 – 888 lm/m

Potência – 20,2 W/m

Intensidade pico – 325cd

CCT – 2417K



IRC – 96,3

Coordenada CIE 1931 – x- 0,492 y- 0,426

A x L - 96x46

Peso - 1,43kg/m

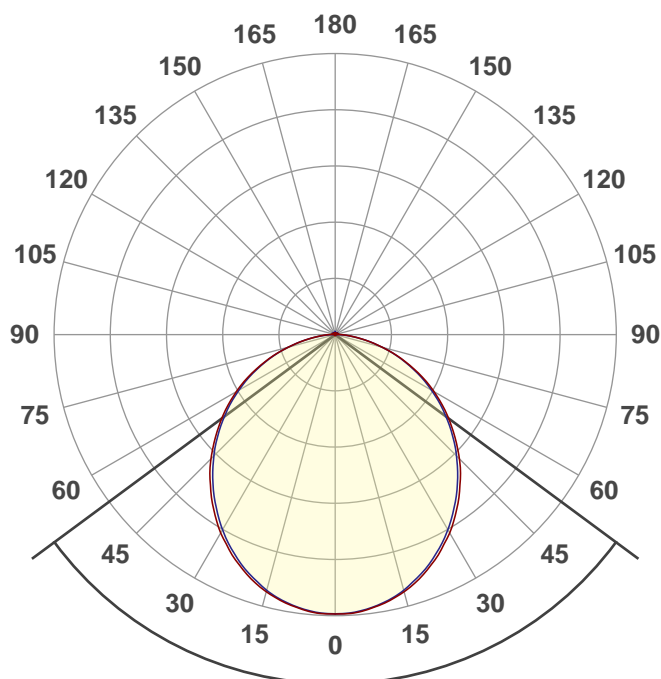
IP - 20 - Uso Interno

IK - 00 – Não aplicável

Alimentação - 12vdc

Data do ensaio

23/05/2022 13:05:42



Facho de abertura

**107°**

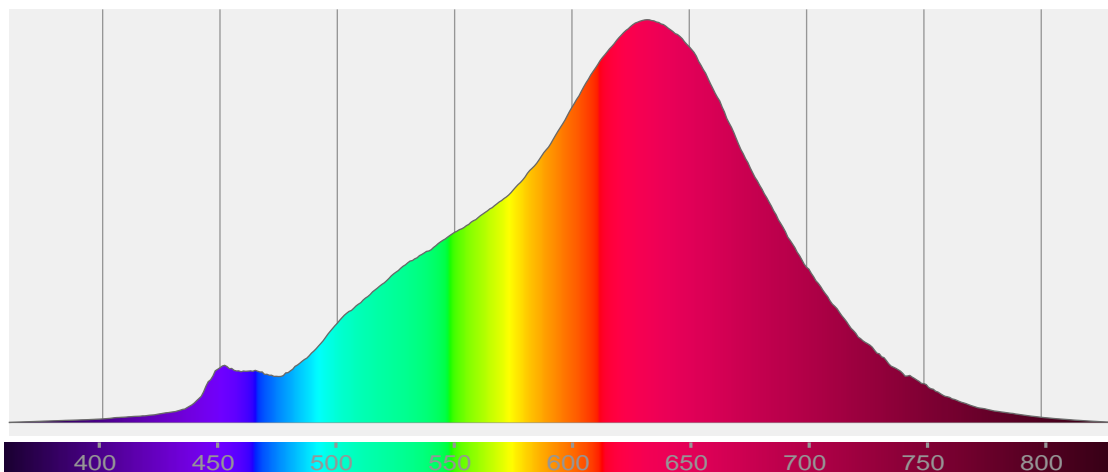
**Rf 93,2**

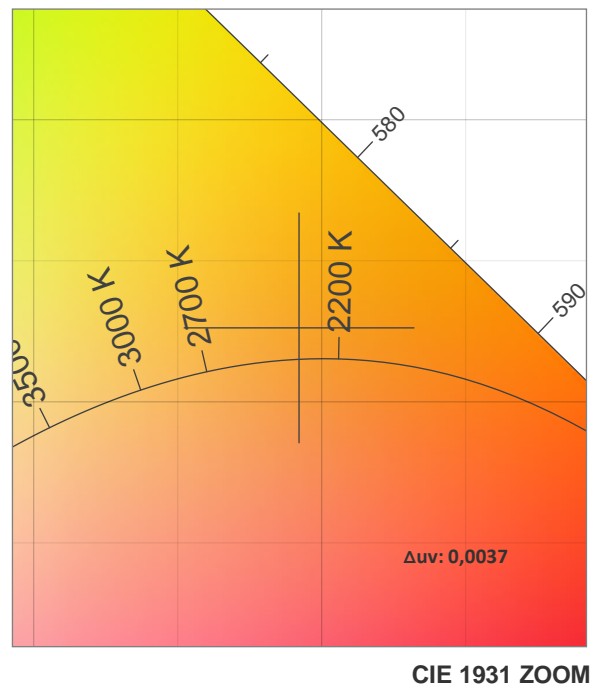
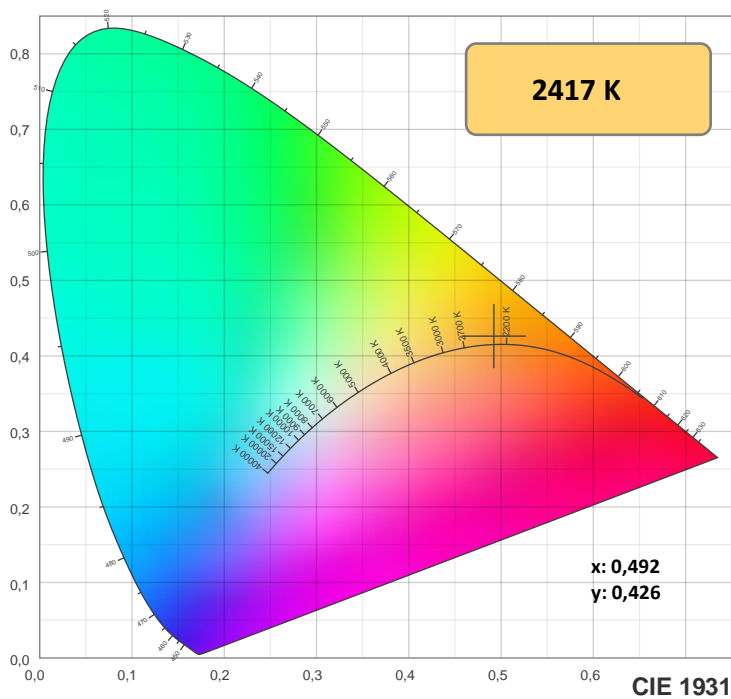
Fidelity index Rf

**Rg 95,6**

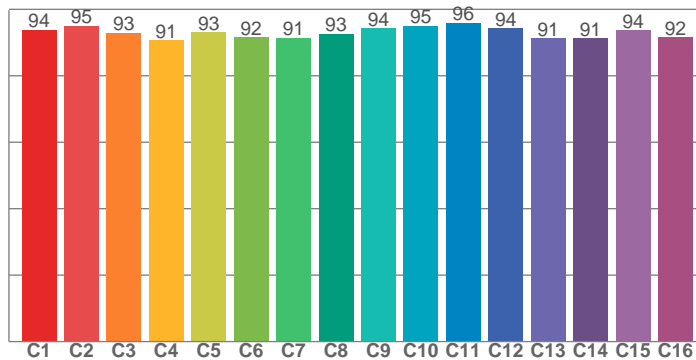
Gamut index Rg

		Shifts (%)	
Hue Bin	R <sub>f</sub>	Chroma	Hue
1	94	-3%	1%
2	95	-2%	-1%
3	93	-3%	-2%
4	91	-6%	-3%
5	93	-6%	1%
6	92	-4%	5%
7	91	-4%	4%
8	93	0%	5%
9	94	0%	3%
10	95	0%	3%
11	96	2%	2%
12	94	1%	-2%
13	91	0%	-8%
14	91	-1%	-6%
15	94	-3%	0%
16	92	-3%	-5%

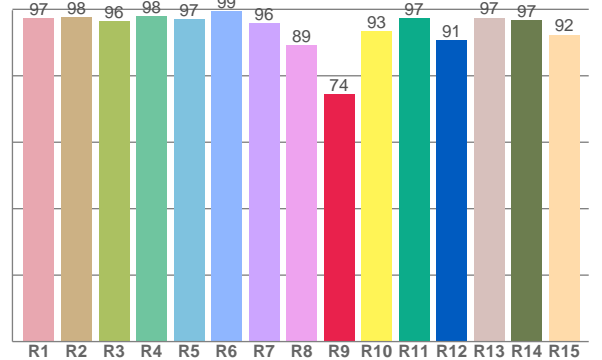




TM-30: 93,2



CRI: 96,3 (R1-R8)



CRiRa R1-R8 / CRiRe R1-R15

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97,4	97,6	96,4	98,0	97,0	99,4	95,8	89,2	74,4	93,5	97,4	90,8	97,5	96,8	92,4

TM30 valores C. 16 valores extraídos dos 99.

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
93,9	95,1	92,9	90,7	93,1	91,5	91,4	92,6	94,3	95,0	96,0	94,3	91,3	91,2	93,7	91,5

## 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	$\Delta uv$
2417 K	96,3	74,4	93,2	95,6	85,7	0,492	0,426	0,276	0,359	0,0037

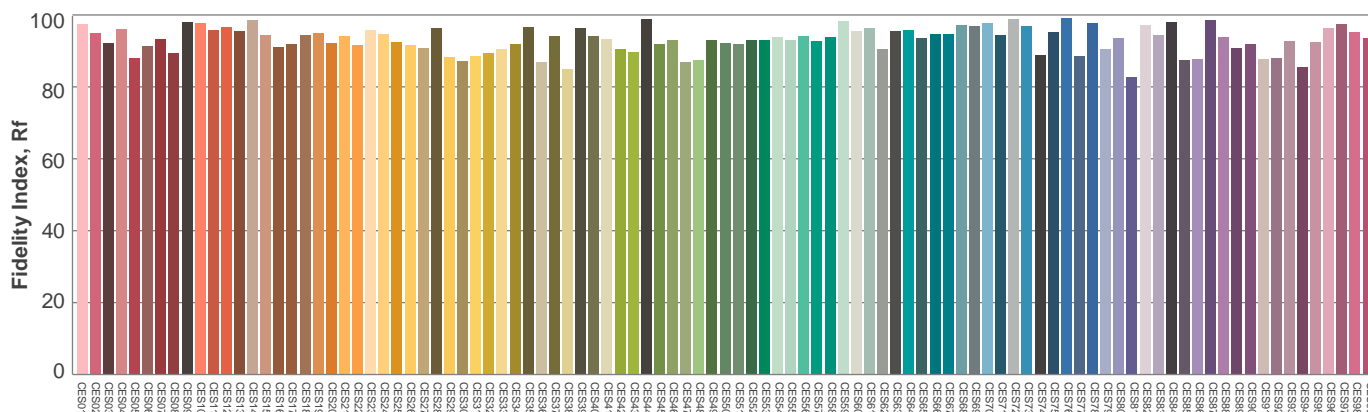
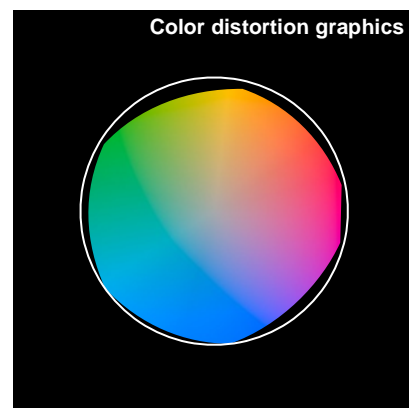
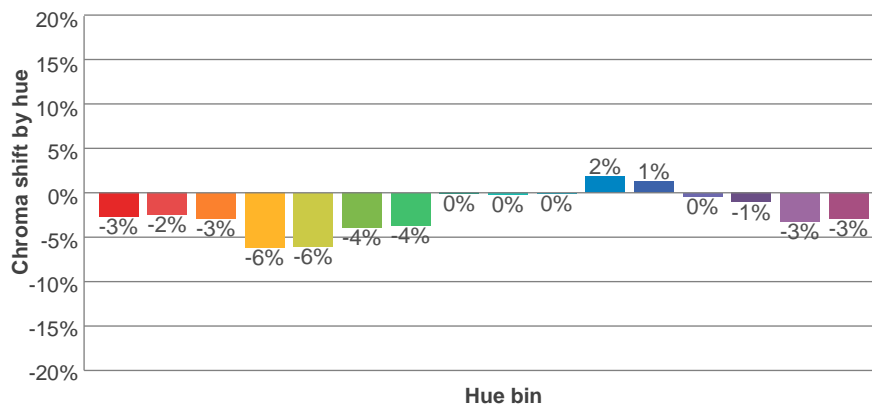
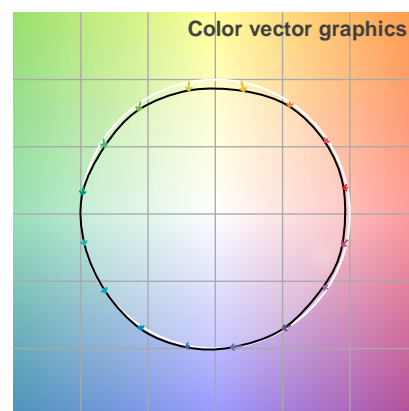
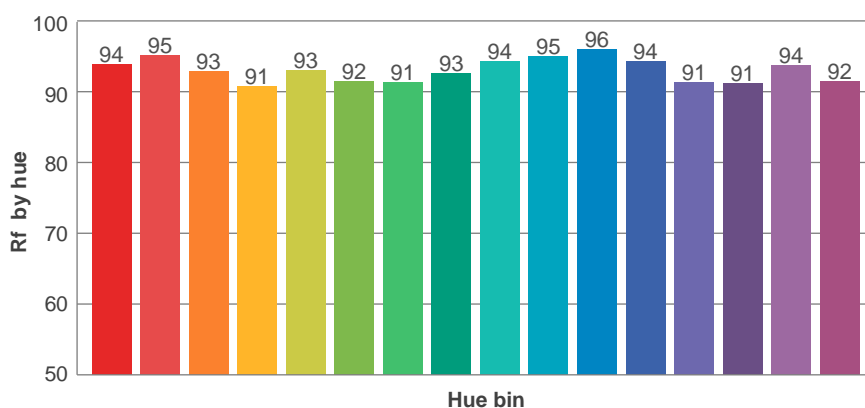
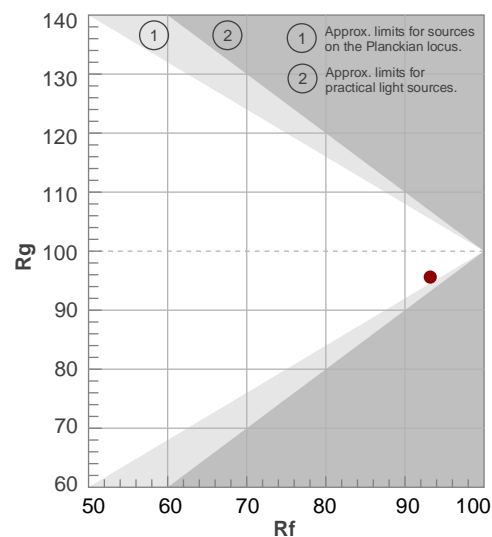
**Rf 93,2**

Fidelity index Rf

**Rg 95,6**

Gamut index Rg

Hue Bin	R <sub>f</sub>	Shifts (%)	
		Chroma	Hue
1	94	-3%	1%
2	95	-2%	-1%
3	93	-3%	-2%
4	91	-6%	-3%
5	93	-6%	1%
6	92	-4%	5%
7	91	-4%	4%
8	93	0%	5%
9	94	0%	3%
10	95	0%	3%
11	96	2%	2%
12	94	1%	-2%
13	91	0%	-8%
14	91	-1%	-6%
15	94	-3%	0%
16	92	-3%	-5%



Avaliação todas as amostras de cores

Glare Evaluation According to UGR

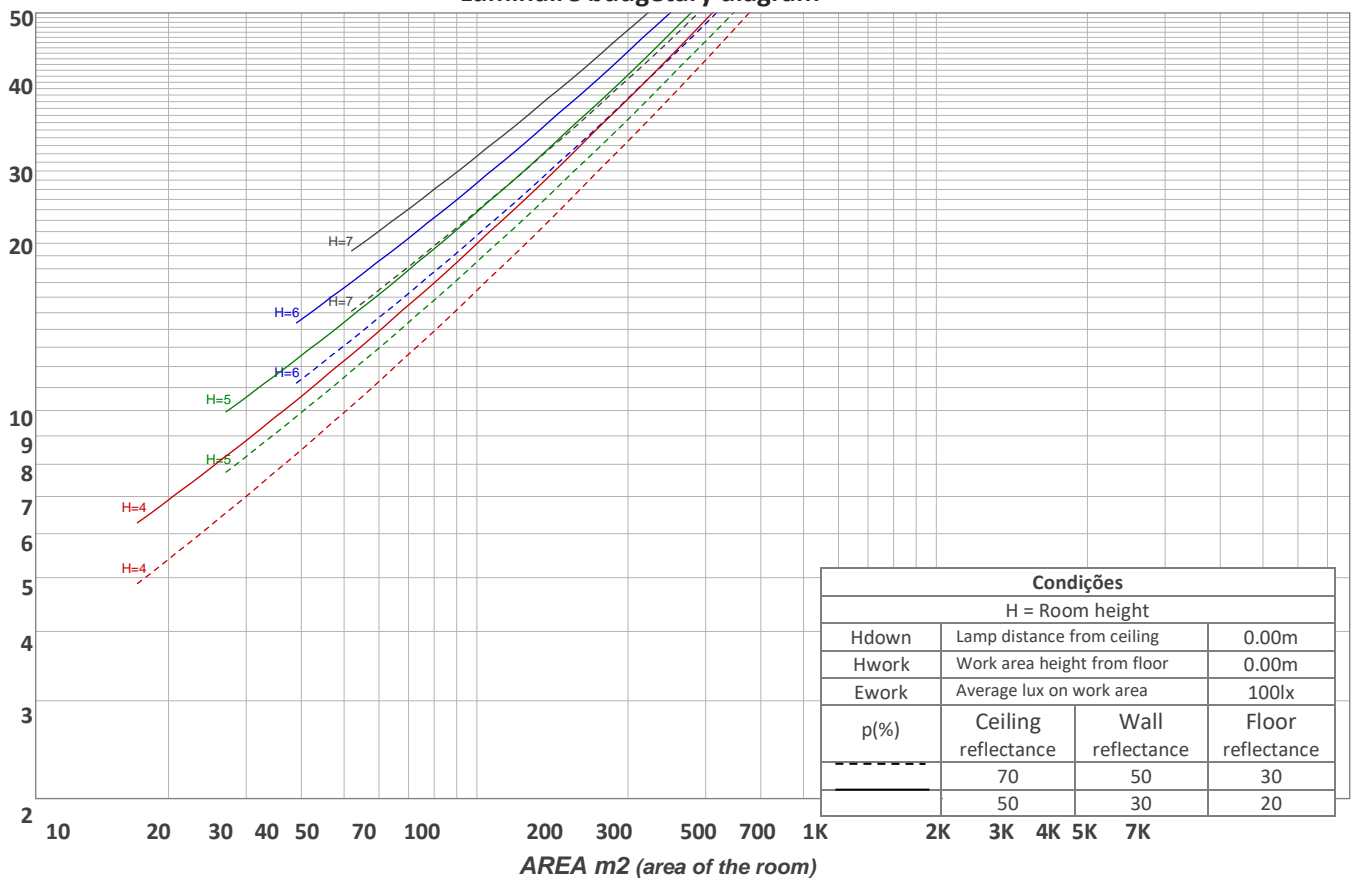
p Ceiling		70	70	50	50	30	70	70	50	50	30
p Walls		50	30	50	30	30	50	30	50	30	30
p Floor		20	20	20	20	20	20	20	20	20	20
Room size X    Y		Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H	2H	20,0	21,2	20,2	21,5	21,8	19,9	21,1	20,1	21,4	21,7
	3H	21,4	22,7	21,9	23,0	23,2	21,3	22,6	21,8	22,9	23,1
	4H	22,0	23,2	22,5	23,5	23,8	22,0	23,1	22,4	23,4	23,7
	6H	22,6	23,6	22,9	23,9	24,3	22,5	23,5	22,8	23,8	24,2
	8H	22,7	23,7	23,0	24,0	24,5	22,6	23,6	23,0	24,0	24,4
	12H	22,8	23,8	23,2	24,1	24,6	22,7	23,7	23,1	24,0	24,5
4H	2H	20,6	21,8	21,0	22,1	22,3	20,5	21,7	20,9	22,0	22,3
	3H	22,3	23,3	22,7	23,7	24,1	22,3	23,3	22,7	23,6	24,1
	4H	23,0	23,9	23,4	24,3	24,9	22,9	23,9	23,4	24,3	24,8
	6H	23,5	24,4	24,1	24,8	25,2	23,5	24,4	24,0	24,7	25,1
	8H	23,7	24,5	24,3	24,9	25,3	23,7	24,5	24,2	24,9	25,3
	12H	23,9	24,6	24,4	25,0	25,5	23,8	24,5	24,3	24,9	25,4
8H	4H	23,3	24,1	23,8	24,5	24,9	23,2	24,0	23,8	24,4	24,8
	6H	24,0	24,6	24,5	25,1	25,6	24,0	24,6	24,5	25,0	25,6
	8H	24,3	24,8	24,8	25,3	26,0	24,3	24,8	24,8	25,3	26,0
	12H	24,5	25,0	25,1	25,5	26,1	24,5	24,9	25,1	25,5	26,1
12H	4H	23,3	23,9	23,8	24,4	24,9	23,2	23,9	23,8	24,3	24,8
	6H	24,1	24,6	24,6	25,1	25,8	24,1	24,6	24,6	25,1	25,8
	8H	24,4	24,8	25,0	25,3	26,0	24,4	24,8	25,0	25,3	26,0
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 888 lm total luminous flux											

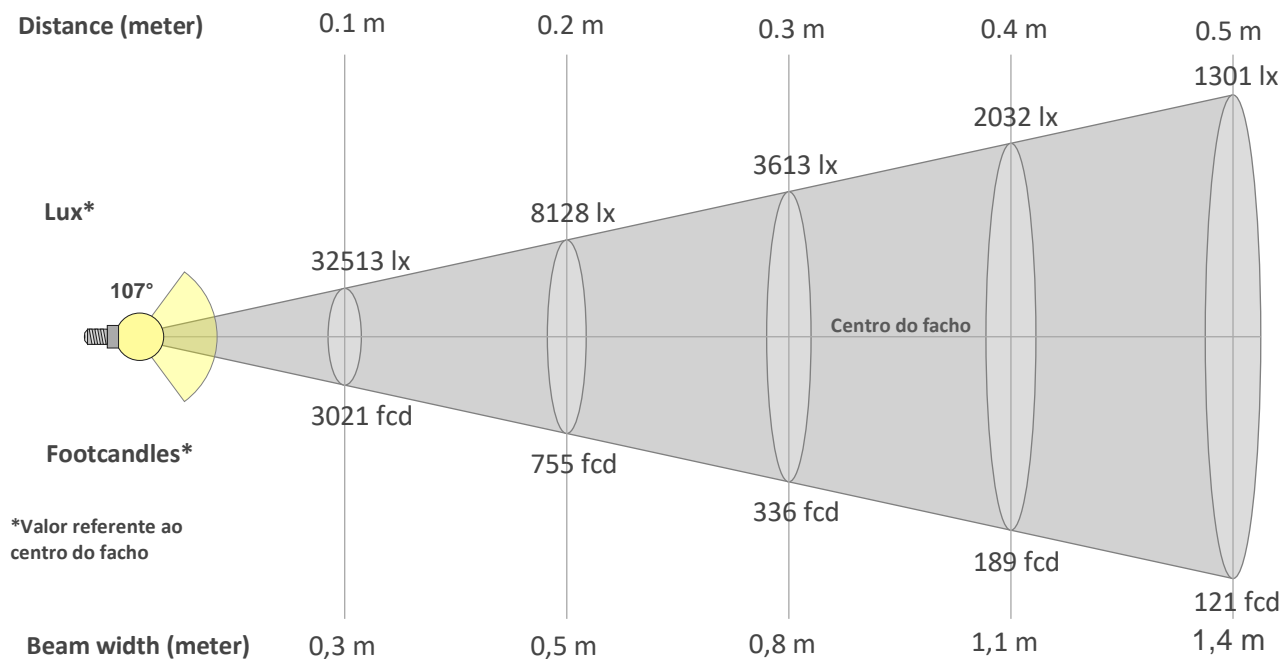
**Coeficiente de utilização**

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	94	91	93	90	88	89	87	85	83
2	99	90	84	78	96	88	82	77	85	79	75	81	77	73	78	74	71	69
3	90	79	71	65	87	78	70	64	75	68	63	72	66	62	69	64	60	58
4	82	70	62	55	80	69	61	55	66	59	54	64	58	53	62	56	52	50
5	76	63	54	47	74	62	53	47	60	52	46	57	51	46	56	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	42	36	47	41	36	46	40	35	33
8	61	47	39	33	59	46	38	33	45	38	32	44	37	32	42	36	32	30
9	57	43	35	29	55	43	35	29	41	34	29	40	34	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
325lx	81lx	36lx	20lx	13lx	9lx	7lx	5lx	4lx	3lx	3lx	2lx	2lx	2lx	1lx	1lx	1lx	1lx	1lx	1lx
30,2fcd	7,6fcd	3,4fcd	1,9fcd	1,2fcd	0,8fcd	0,6fcd	0,5fcd	0,4fcd	0,3fcd	0,2fcd	0,2fcd	0,2fcd	0,2fcd	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°
325	324	318	310	298	283	266	247	226	204	181	157	133	108	82	57	34	18	7	1
100%	100%	98%	95%	92%	87%	82%	76%	69%	63%	56%	48%	41%	33%	25%	17%	11%	5%	2%	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°
325	323	317	308	295	279	262	242	221	199	177	153	129	105	81	56	34	15	3	1
100%	99%	98%	95%	91%	86%	81%	74%	68%	61%	54%	47%	40%	32%	25%	17%	10%	5%	1%	0%

### Intensities in 180° c-plane

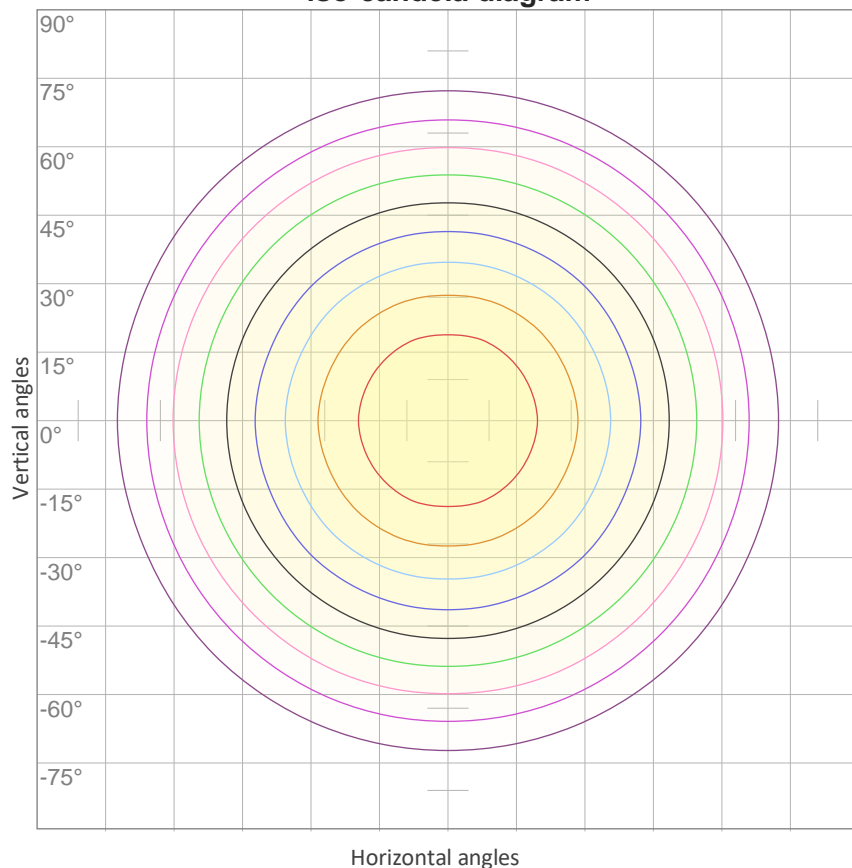
0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
325	324	318	310	298	283	266	247	226	204	181	157	133	108	82	57	34	18	7	1
100%	100%	98%	95%	92%	87%	82%	76%	69%	63%	56%	48%	41%	33%	25%	17%	11%	5%	2%	0%

### 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°
325	323	317	308	295	279	262	242	221	199	177	153	129	105	81	56	34	15	3	1
100%	99%	98%	95%	91%	86%	81%	74%	68%	61%	54%	47%	40%	32%	25%	17%	10%	5%	1%	0%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
107°	160,8°	176,7°	78,3%	54,0%

**iso-candela diagram**



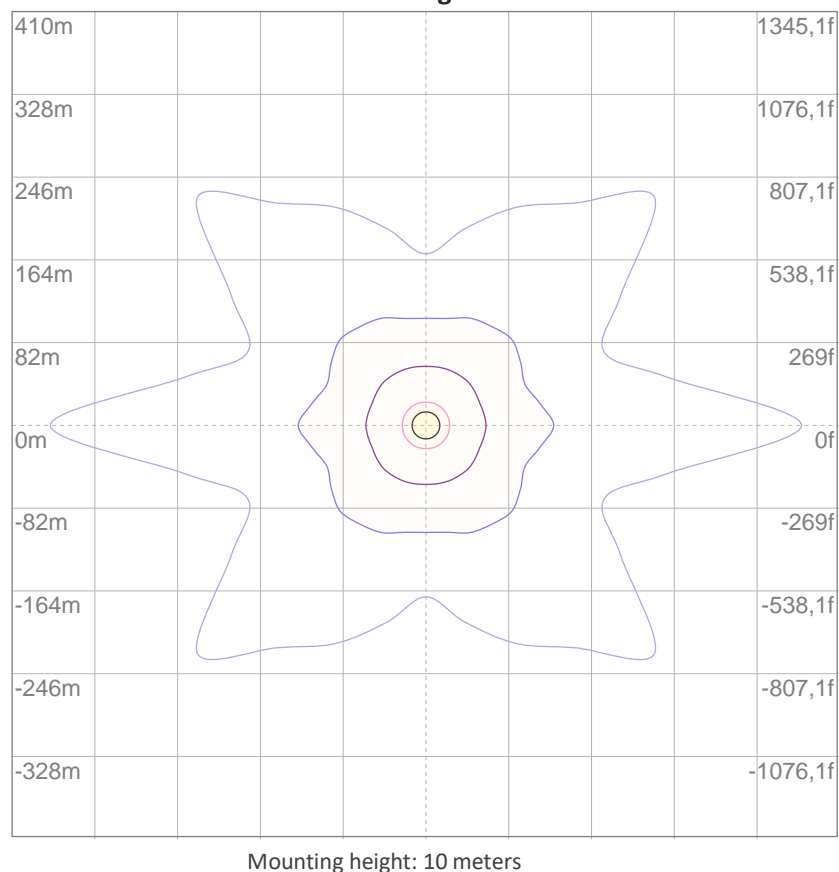
10%	33 cd
20%	65 cd
30%	98 cd
40%	130 cd
50%	163 cd
60%	195 cd
70%	228 cd
80%	260 cd
90%	293 cd

Conditions:

Number of c-planes: 16

Candela at center: 325 cd

**iso-lux diagram**



3%	97,5m lx
5%	0,163 lx
10%	0,325 lx
30%	0,975 lx
50%	1,63 lx

Conditions:

Number of c-planes: 16

Lux at center: 3,25 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**