

## P50 SLED9017 BRANCA FITA 11WM 4000K 95 - 1m



Luminária linear pendente 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 – 500 lm/m

Potência – 10,5 W/m

Intensidade pico – 209cd

CCT – 3996K



IRC – 97,5

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

A x L - 50x50

Peso - 1,1kg/m

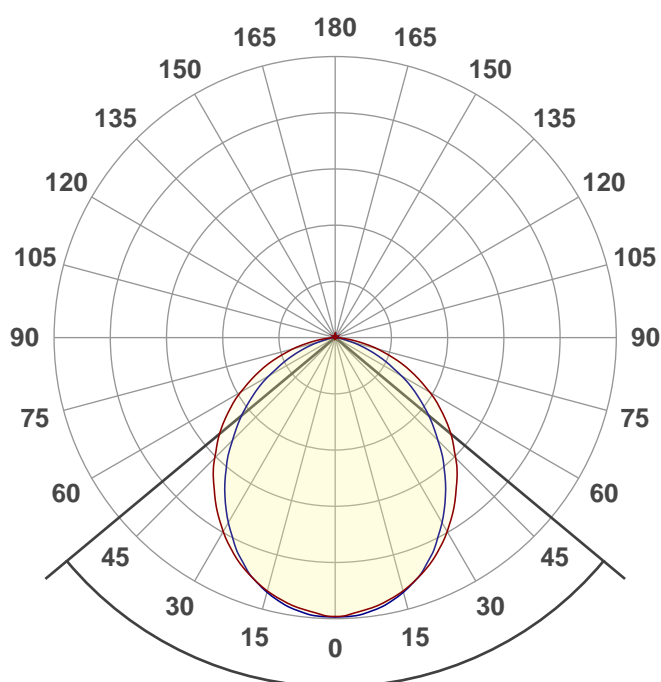
IP - 20 - Uso Interno

IK - 00 – Não aplicável

Alimentação - 12vdc

Data do ensaio

23/11/2022 12:02:48



Facho de abertura

**100,4°**

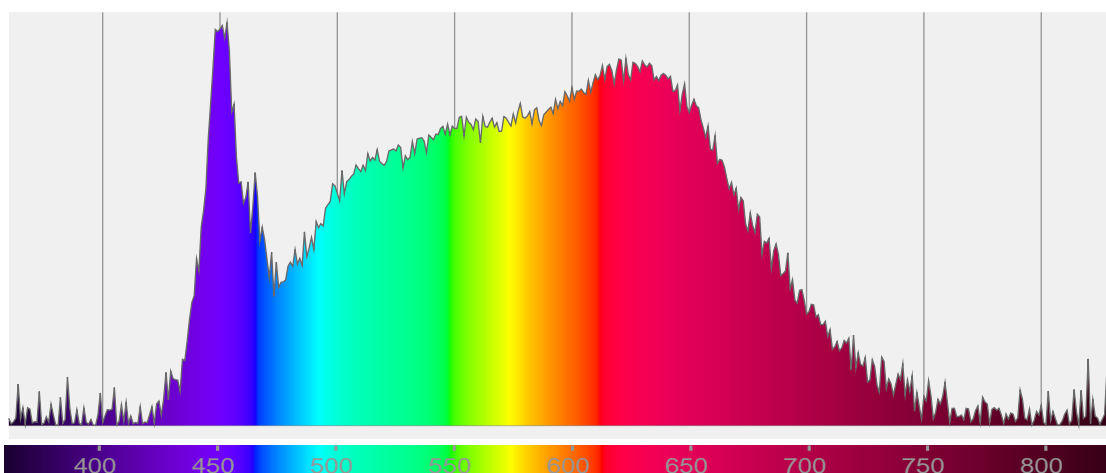
**Rf 93,6**

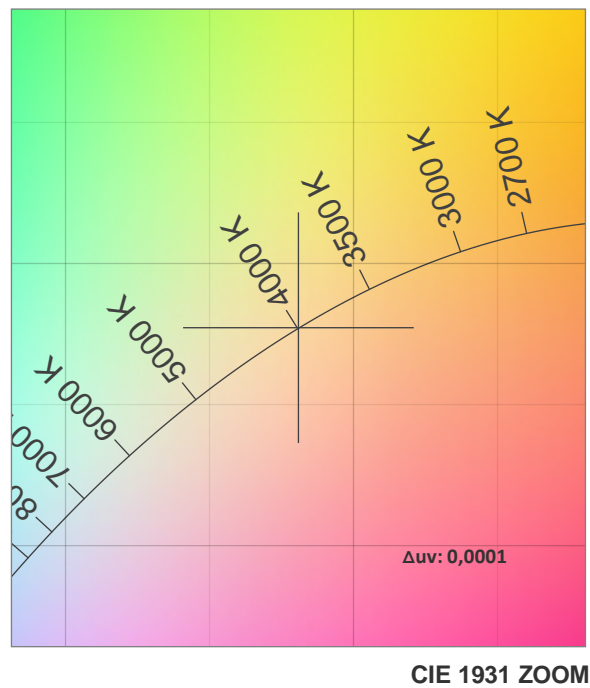
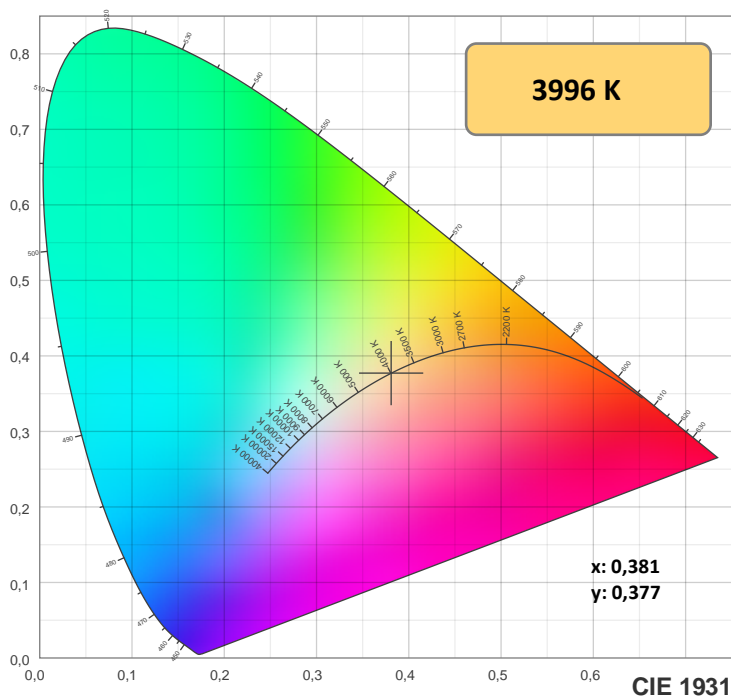
Fidelity index Rf

**Rg 99,9**

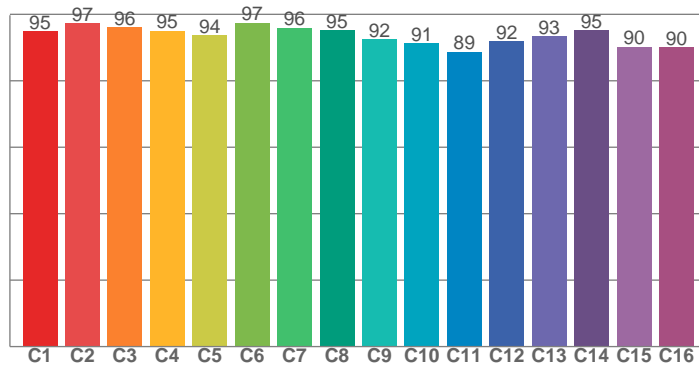
Gamut index Rg

Hue Bin	R <sub>f</sub>	Shifts (%)	
		Chroma	Hue
1	95	-2%	0%
2	97	-1%	0%
3	96	-1%	1%
4	95	-2%	-1%
5	94	-4%	0%
6	97	-1%	1%
7	96	-2%	2%
8	95	-1%	3%
9	92	-1%	6%
10	91	0%	6%
11	89	4%	7%
12	92	3%	2%
13	93	3%	-3%
14	95	2%	-1%
15	90	2%	-5%
16	90	1%	-6%

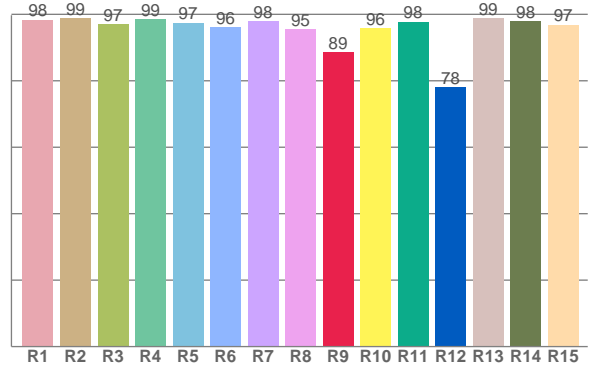




TM-30: 93,6



CRI: 97,5 (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	98,7	97,1	98,6	97,5	96,2	97,9	95,5	88,6	95,9	97,8	78,0	98,9	97,9	96,8

TM30 valores C. 16 valores extraídos dos 99.

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94,9	97,3	96,1	94,9	93,7	97,4	95,9	95,2	92,4	91,3	88,7	91,9	93,3	95,1	90,2	90,1

## 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
3996 K	97,5	88,6	93,6	99,9	95,9	0,381	0,377	0,225	0,335	0,0001

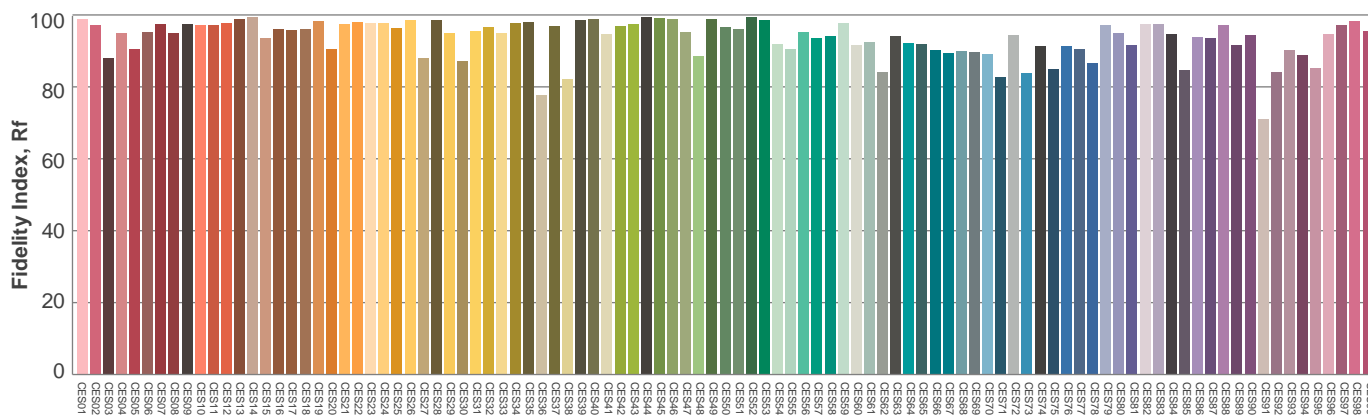
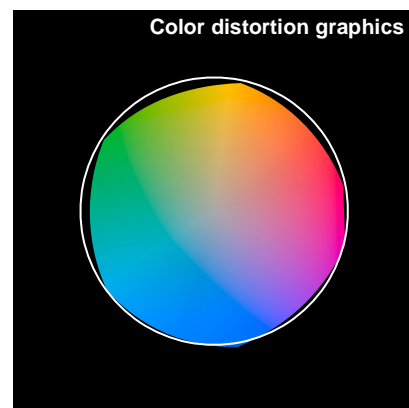
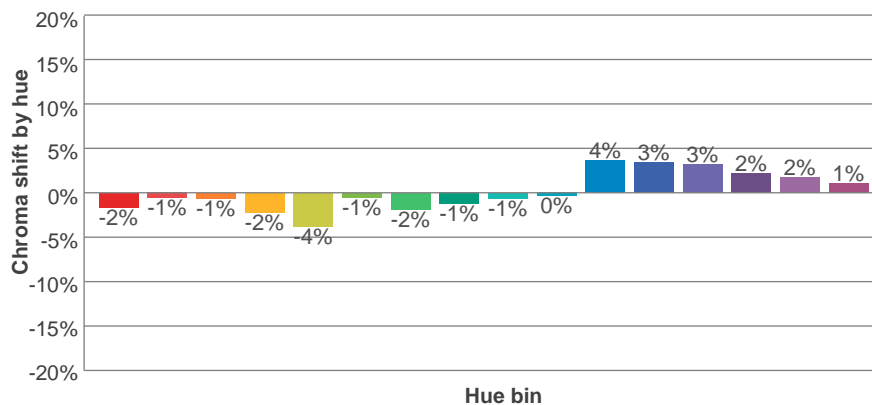
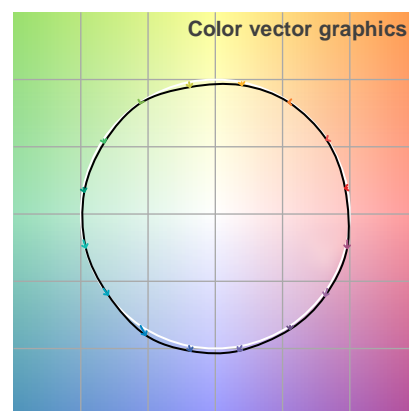
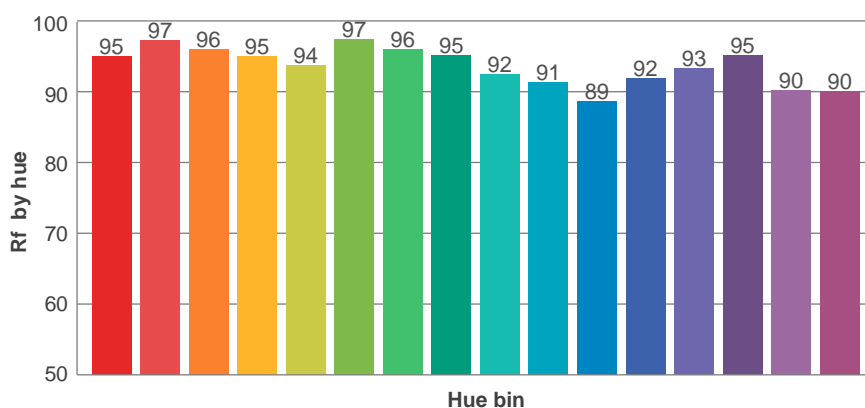
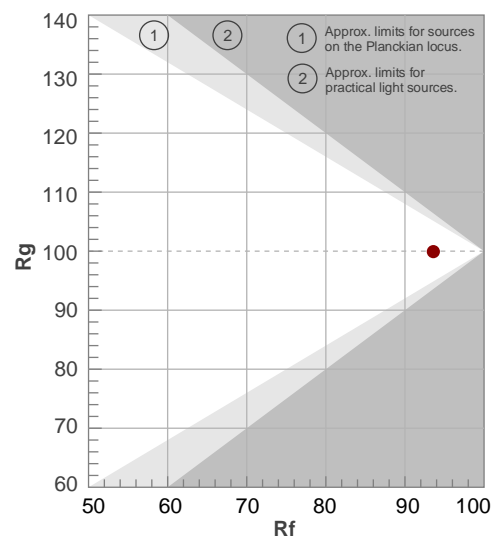
**Rf 93,6**

Fidelity index Rf

**Rg 99,9**

Gamut index Rg

Hue Bin	R <sub>i</sub>	Shifts (%)	
		Chroma	Hue
1	95	-2%	0%
2	97	-1%	0%
3	96	-1%	1%
4	95	-2%	-1%
5	94	-4%	0%
6	97	-1%	1%
7	96	-2%	2%
8	95	-1%	3%
9	92	-1%	6%
10	91	0%	6%
11	89	4%	7%
12	92	3%	2%
13	93	3%	-3%
14	95	2%	-1%
15	90	2%	-5%
16	90	1%	-6%



Avaliação todas as amostras de cores

Glare Evaluation According to UGR

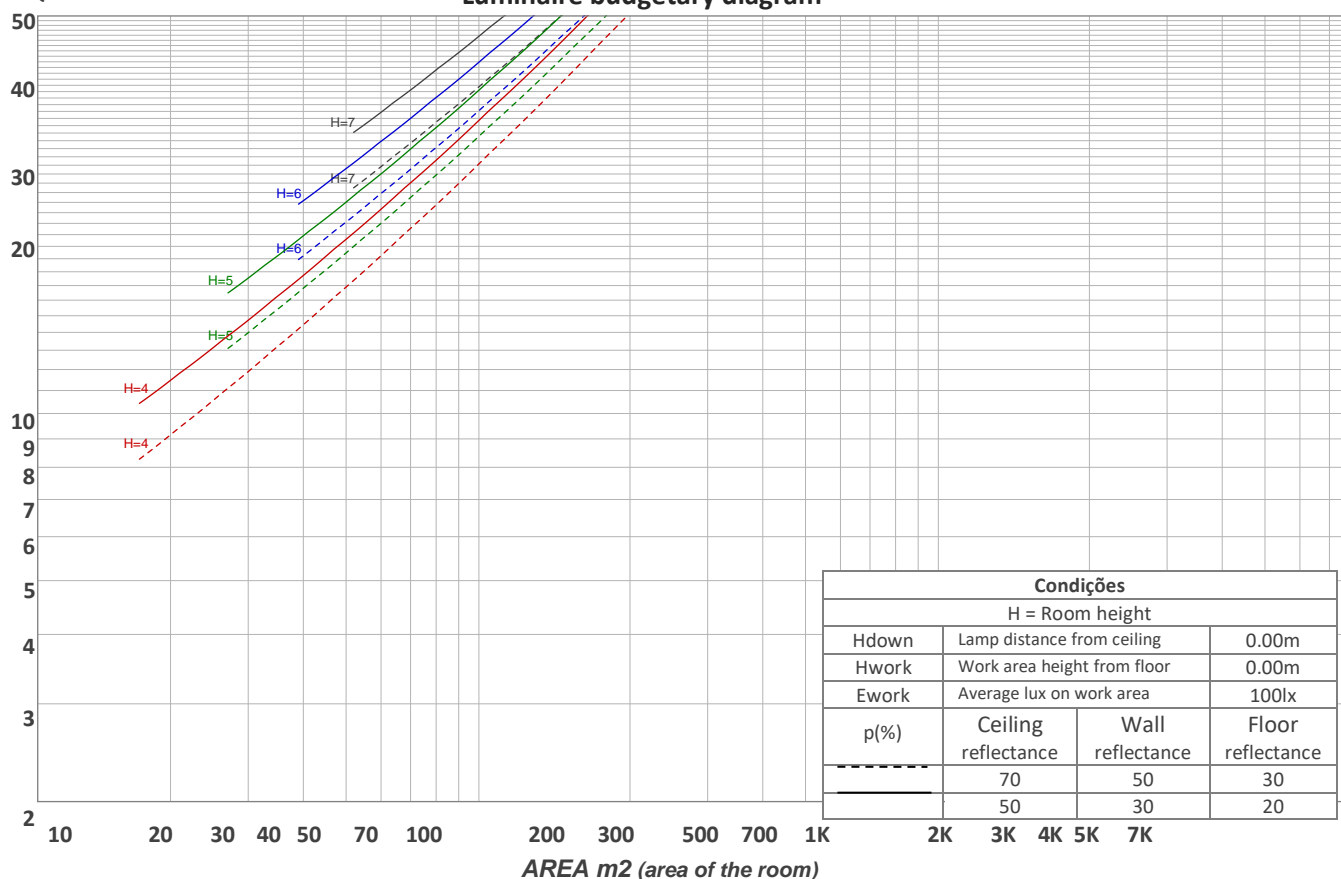
p Ceiling		70	70	50	50	30	70	70	50	50	30
p Walls		50	30	50	30	30	50	30	50	30	30
p Floor		20	20	20	20	20	20	20	20	20	20
Room size X    Y		Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H	2H	17,7	18,8	17,9	19,2	19,4	16,4	17,5	16,6	17,8	18,1
	3H	19,0	20,2	19,5	20,5	20,7	17,1	18,3	17,5	18,6	18,8
	4H	19,6	20,7	20,0	21,0	21,2	17,3	18,4	17,7	18,7	19,0
	6H	20,0	20,9	20,3	21,2	21,6	17,4	18,3	17,7	18,6	19,0
	8H	20,0	21,0	20,4	21,3	21,7	17,3	18,3	17,7	18,6	19,0
	12H	20,1	21,0	20,4	21,3	21,8	17,3	18,2	17,7	18,6	19,0
4H	2H	18,0	19,1	18,5	19,4	19,7	16,9	18,1	17,4	18,4	18,6
	3H	19,6	20,6	20,0	20,9	21,4	17,9	18,9	18,3	19,2	19,7
	4H	20,2	21,0	20,7	21,5	22,0	18,1	18,9	18,6	19,4	19,9
	6H	20,6	21,4	21,1	21,8	22,2	18,2	19,0	18,7	19,3	19,7
	8H	20,7	21,5	21,2	21,8	22,2	18,2	18,9	18,7	19,3	19,7
	12H	20,8	21,4	21,3	21,8	22,3	18,1	18,7	18,6	19,2	19,7
8H	4H	20,2	21,0	20,8	21,4	21,8	18,3	19,0	18,8	19,4	19,8
	6H	20,7	21,3	21,3	21,8	22,3	18,4	18,9	18,9	19,4	20,0
	8H	20,9	21,4	21,4	21,9	22,6	18,5	18,9	19,0	19,5	20,1
	12H	21,0	21,4	21,6	21,9	22,5	18,5	18,9	19,1	19,4	20,0
12H	4H	20,2	20,8	20,7	21,2	21,7	18,3	18,9	18,8	19,3	19,8
	6H	20,7	21,2	21,3	21,7	22,4	18,4	18,9	19,0	19,4	20,1
	8H	20,9	21,3	21,5	21,8	22,4	18,5	18,9	19,1	19,4	20,0
Variation of the observer position for the luminaire distance S											
S = 1.0H		0,1 / -0,1					0,2 / -0,3				
S = 1.5H		0,2 / -0,3					0,5 / -0,8				
S = 2.0H		0,7 / -0,9					1,0 / -1,6				
Standard table		n/a					n/a				
Correction summand		n/a					n/a				
Corrected glare indices referring to 500 lm total luminous flux											

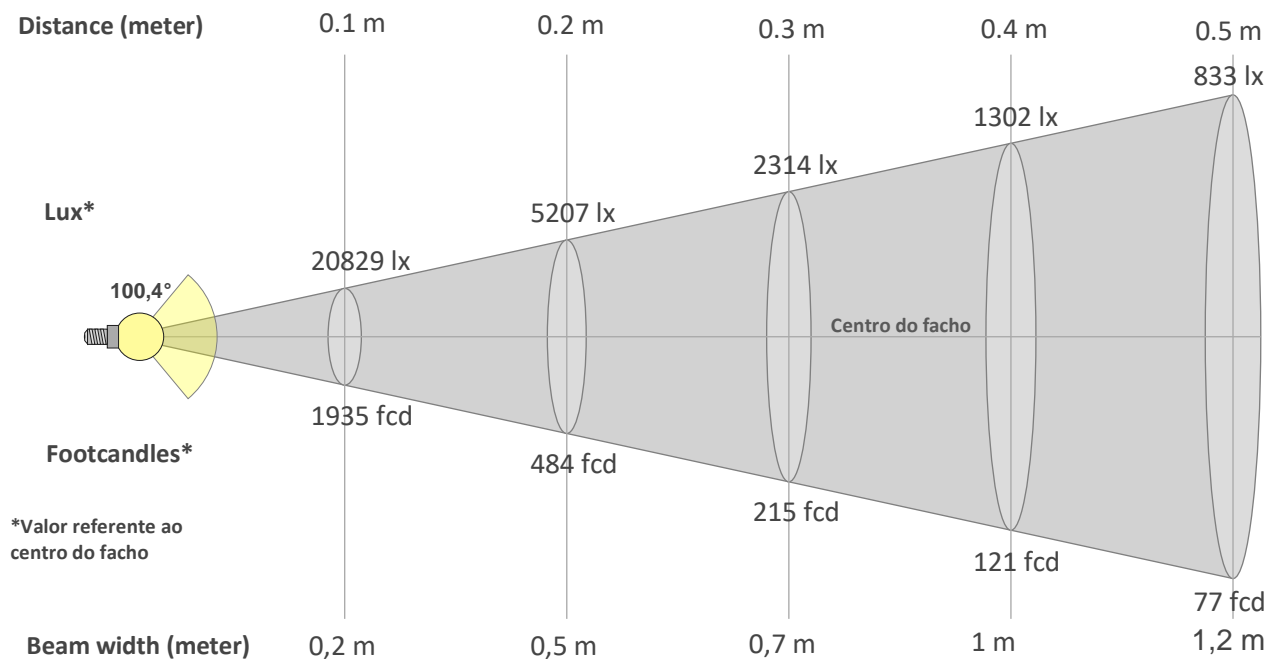
**Coeficiente de utilização**

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	110	105	101	98	107	103	99	96	98	96	93	94	92	90	91	89	87	85
2	100	93	86	81	98	91	85	80	87	82	78	84	80	76	81	77	74	72
3	92	82	74	68	89	80	73	68	77	71	66	74	69	65	72	68	64	62
4	84	73	65	58	82	72	64	58	69	62	57	67	61	56	64	60	55	53
5	78	66	57	51	76	64	56	50	62	55	50	60	54	49	58	53	49	46
6	72	59	51	45	70	58	50	44	56	49	44	55	48	43	53	47	43	41
7	67	54	46	40	65	53	45	39	52	44	39	50	44	39	49	43	38	36
8	62	49	41	36	61	49	41	35	47	40	35	46	40	35	45	39	35	33
9	58	45	37	32	57	45	37	32	44	37	32	42	36	32	41	36	31	30
10	55	42	34	29	54	41	34	29	40	34	29	39	33	29	38	33	29	27

**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
208lx	52lx	23lx	13lx	8lx	6lx	4lx	3lx	3lx	2lx	2lx	1lx	1lx	1lx	1lx	1lx	1lx	1lx	1lx	1lx
19,4fcd	4,8fcd	2,2fcd	1,2fcd	0,8fcd	0,5fcd	0,4fcd	0,3fcd	0,2fcd	0,2fcd	0,2fcd	0,1fcd	0,1fcd	0,1fcd	0,1fcd	0,1fcd	0,1fcd	0,1fcd	0,1fcd	0fcd

### 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°
208	205	201	196	188	178	167	155	141	127	113	98	81	65	49	33	17	6	1	1
100%	99%	97%	94%	90%	86%	80%	74%	68%	61%	54%	47%	39%	31%	23%	16%	8%	3%	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°
208	208	204	197	187	175	159	143	126	108	92	74	57	41	26	13	5	2	1	1
100%	100%	98%	94%	90%	84%	77%	69%	61%	52%	44%	36%	27%	20%	12%	6%	2%	1%	0%	0%

### Intensities in 180° c-plane

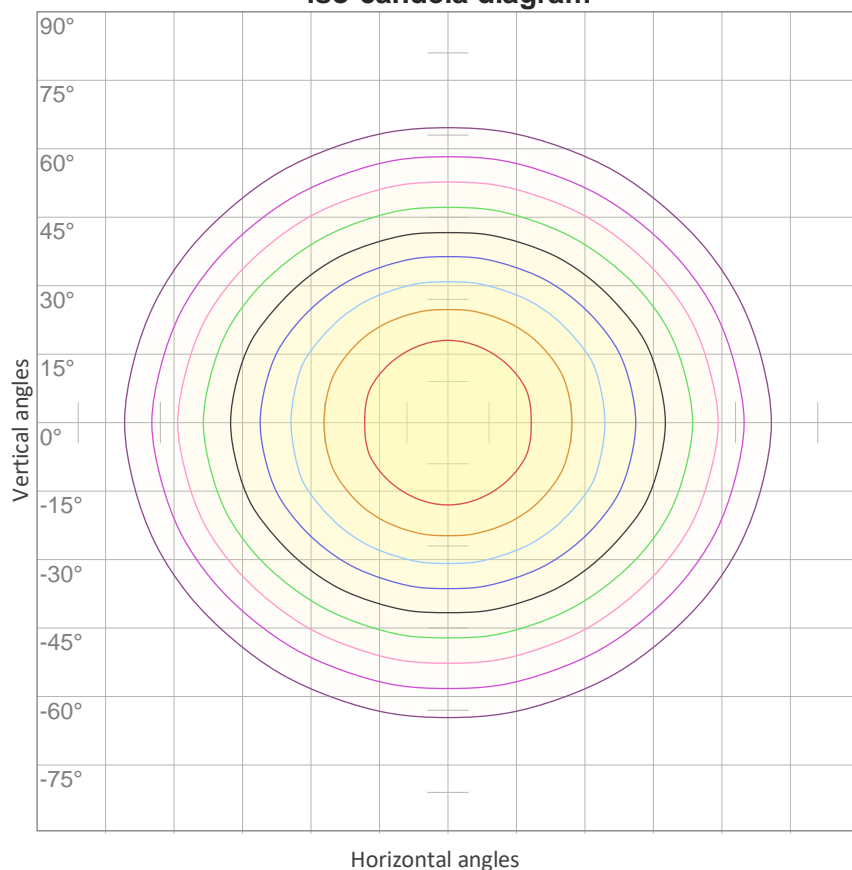
0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
208	205	201	196	188	178	167	155	141	127	113	98	81	65	49	33	17	6	1	1
100%	99%	97%	94%	90%	86%	80%	74%	68%	61%	54%	47%	39%	31%	23%	16%	8%	3%	0%	0%

### 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°
208	208	204	197	187	175	159	143	126	108	92	74	57	41	26	13	5	2	1	1
100%	100%	98%	94%	90%	84%	77%	69%	61%	52%	44%	36%	27%	20%	12%	6%	2%	1%	0%	0%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
100,4°	151,1°	165°	83,3%	59,2%

**iso-candela diagram**



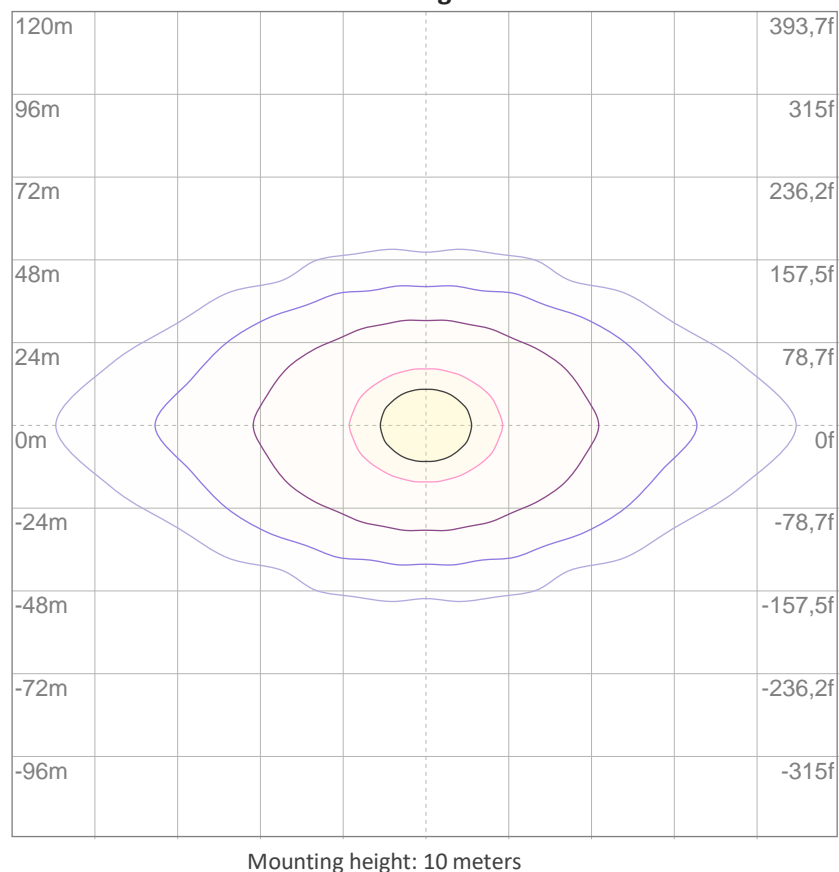
10%	21 cd
20%	42 cd
30%	62 cd
40%	83 cd
50%	104 cd
60%	125 cd
70%	146 cd
80%	167 cd
90%	187 cd

Conditions:

Number of c-planes: 16

Candela at center: 208 cd

**iso-lux diagram**



3%	62,5m lx
5%	0,104 lx
10%	0,208 lx
30%	0,625 lx
50%	1,04 lx

Conditions:

Number of c-planes: 16

Lux at center: 2,08 lx

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

**Potência**


**Vttagem: 12,0 V**

**Corrente: 0,872 A**

**Frequência: 0 Hz**

**FP: 0,99**

**THD**



**THD corrente: n/a**

**THD tensão: n/a**