

## 9003 SLED9003U BRANCA FITA 11WM 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 – 704 lm/m

Potência – 11,0 W/m

Intensidade pico – 154cd

CCT – 5530K



IRC – 96,1

Coordenada CIE 1931 – x- 0,332 y- 0,344

A x L - 21x24

Peso - 0,18kg/m

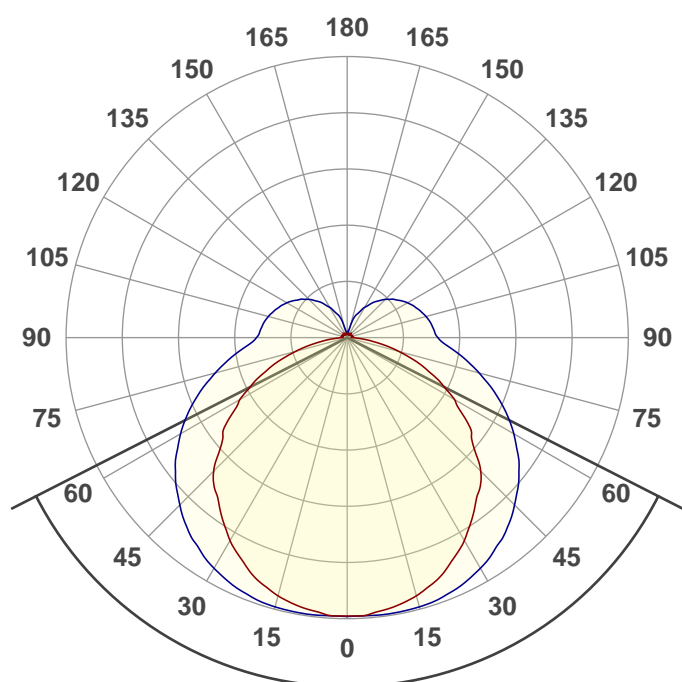
IP - 20 - Uso Interno

IK - 00 – Não aplicável

Alimentação - 12vdc

Data do ensaio

02/03/2022 10:23:23



Facho de abertura

**126°**

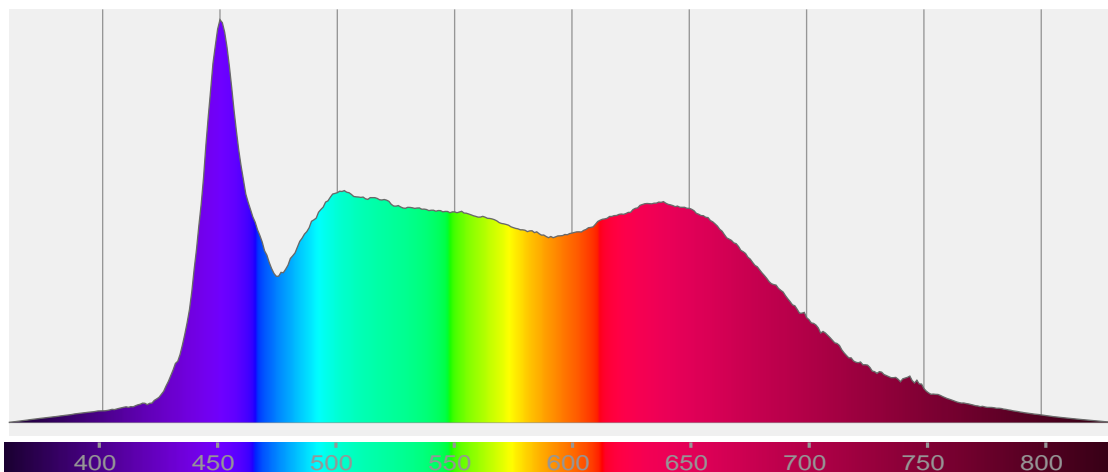
**Rf 94,4**

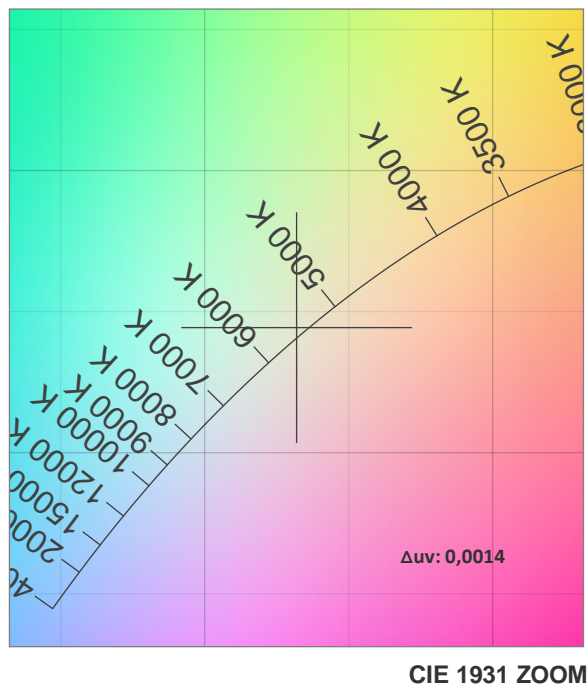
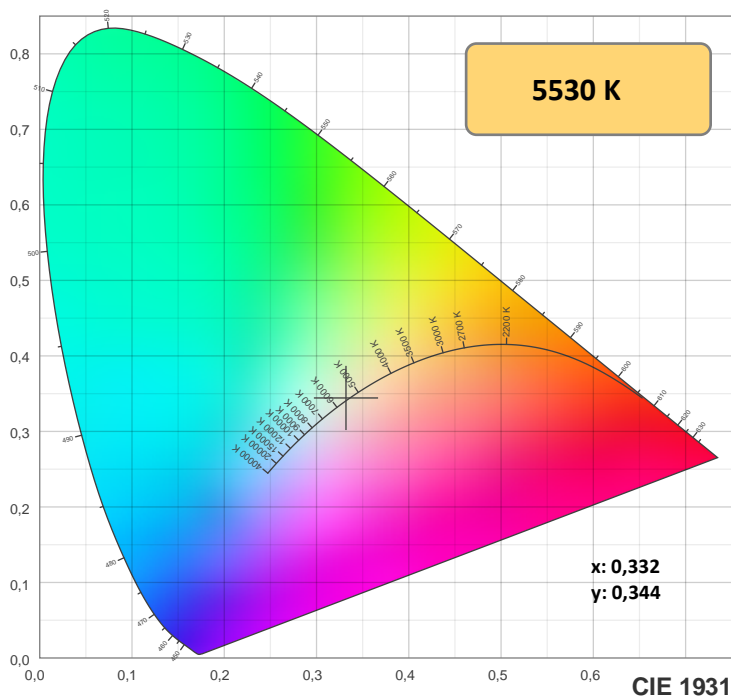
Fidelity index Rf

**Rg 102,0**

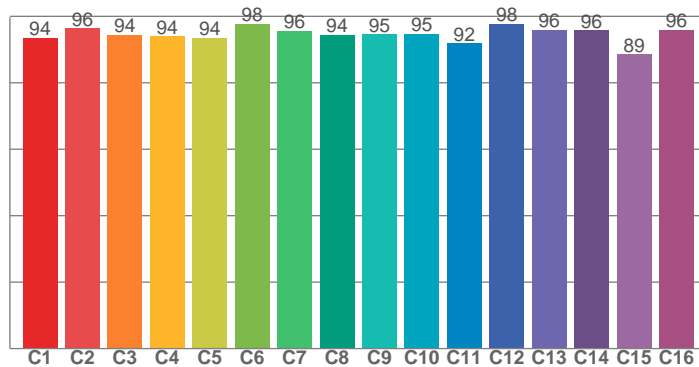
Gamut index Rg

Hue Bin	R <sub>f</sub>	Shifts (%)	
		Chroma	Hue
1	94	3%	0%
2	96	2%	-1%
3	94	1%	-3%
4	94	-2%	-3%
5	94	-4%	-2%
6	98	-1%	1%
7	96	-1%	3%
8	94	0%	3%
9	95	1%	5%
10	95	1%	3%
11	92	3%	4%
12	98	1%	0%
13	96	2%	1%
14	96	1%	1%
15	89	9%	-3%
16	96	2%	1%

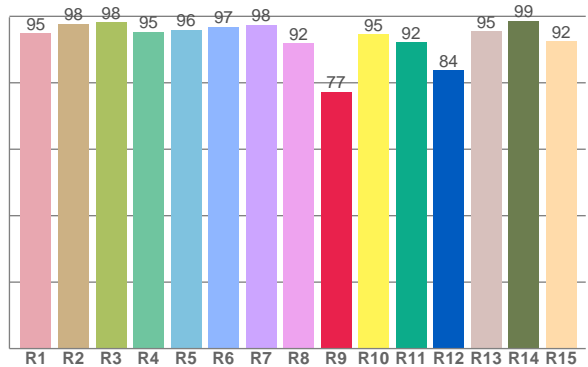




TM-30: 94,4



CRI: 96,1 (R1-R8)



CRIRA R1-R8 / CRIR R1-R15

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
94,9	97,7	98,2	95,4	96,0	96,9	97,5	91,9	77,3	94,6	92,1	83,8	95,4	98,7	92,5

TM30 valores C. 16 valores extraídos dos 99.

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
93,6	96,4	94,4	94,0	93,5	97,8	95,6	94,5	94,6	94,7	91,8	97,8	95,9	95,8	88,5	95,9

## 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	$\Delta uv$
5530 K	96,1	77,3	94,4	102,0	97,2	0,332	0,344	0,205	0,319	0,0014

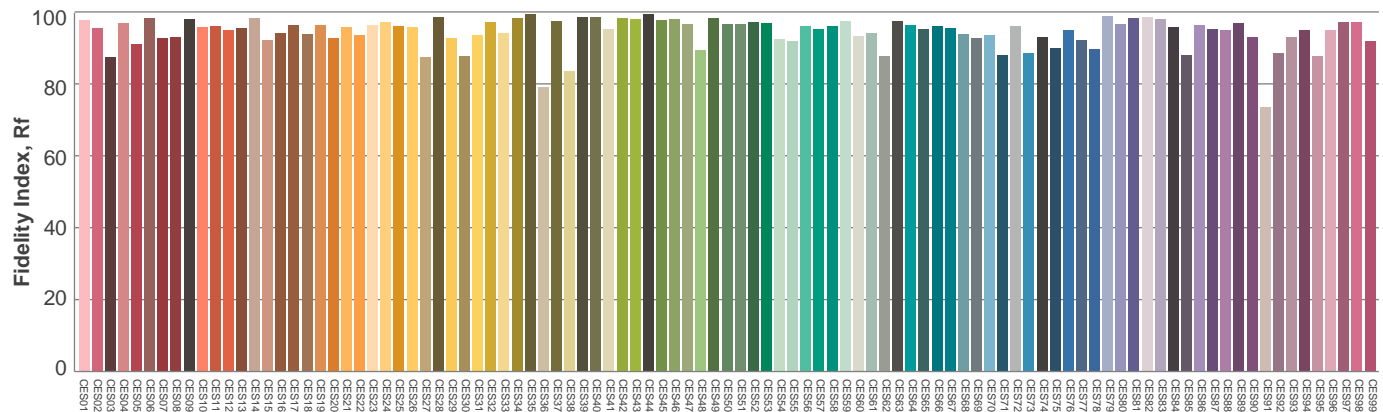
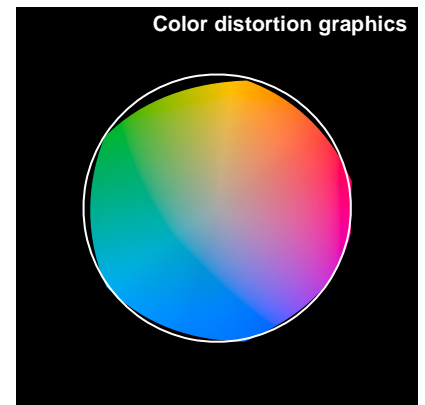
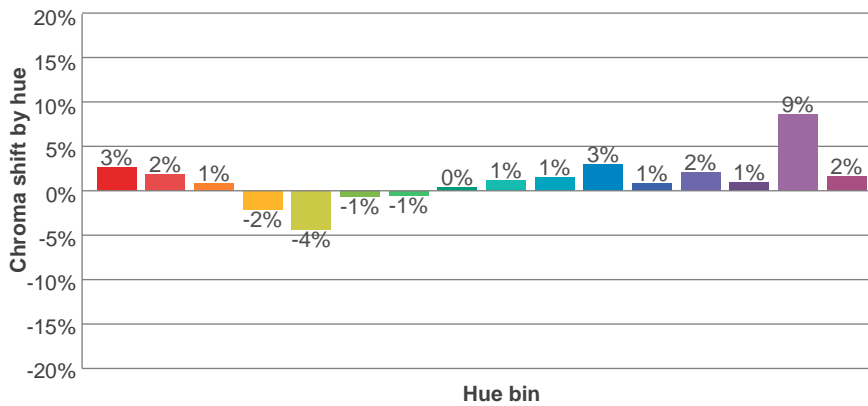
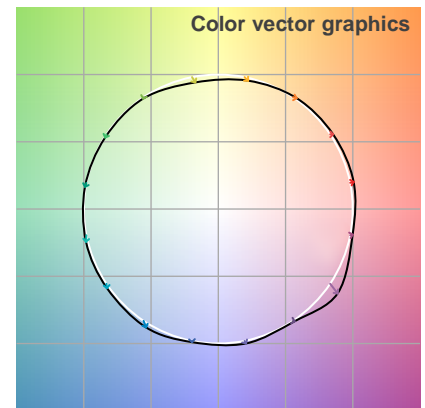
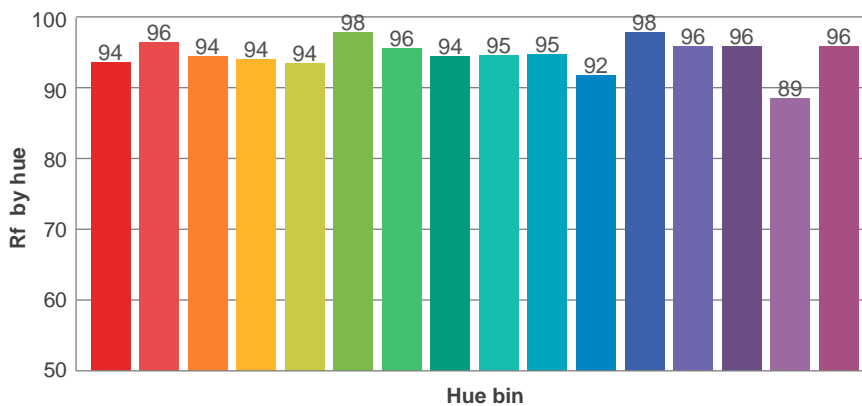
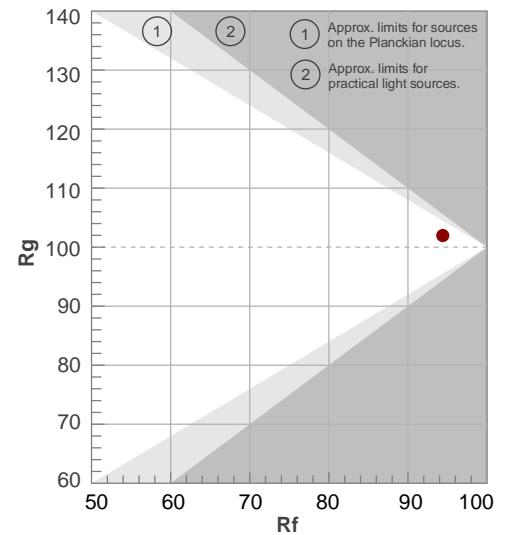
**Rf 94,4**

Fidelity index Rf

**Rg 102,0**

Gamut index Rg

Hue Bin	R <sub>f</sub>	Shifts (%)	
		Chroma	Hue
1	94	3%	0%
2	96	2%	-1%
3	94	1%	-3%
4	94	-2%	-3%
5	94	-4%	-2%
6	98	-1%	1%
7	96	-1%	3%
8	94	0%	3%
9	95	1%	5%
10	95	1%	3%
11	92	3%	4%
12	98	1%	0%
13	96	2%	1%
14	96	1%	1%
15	89	9%	-3%
16	96	2%	1%



Avaliação todas as amostras de cores

Glare Evaluation According to UGR

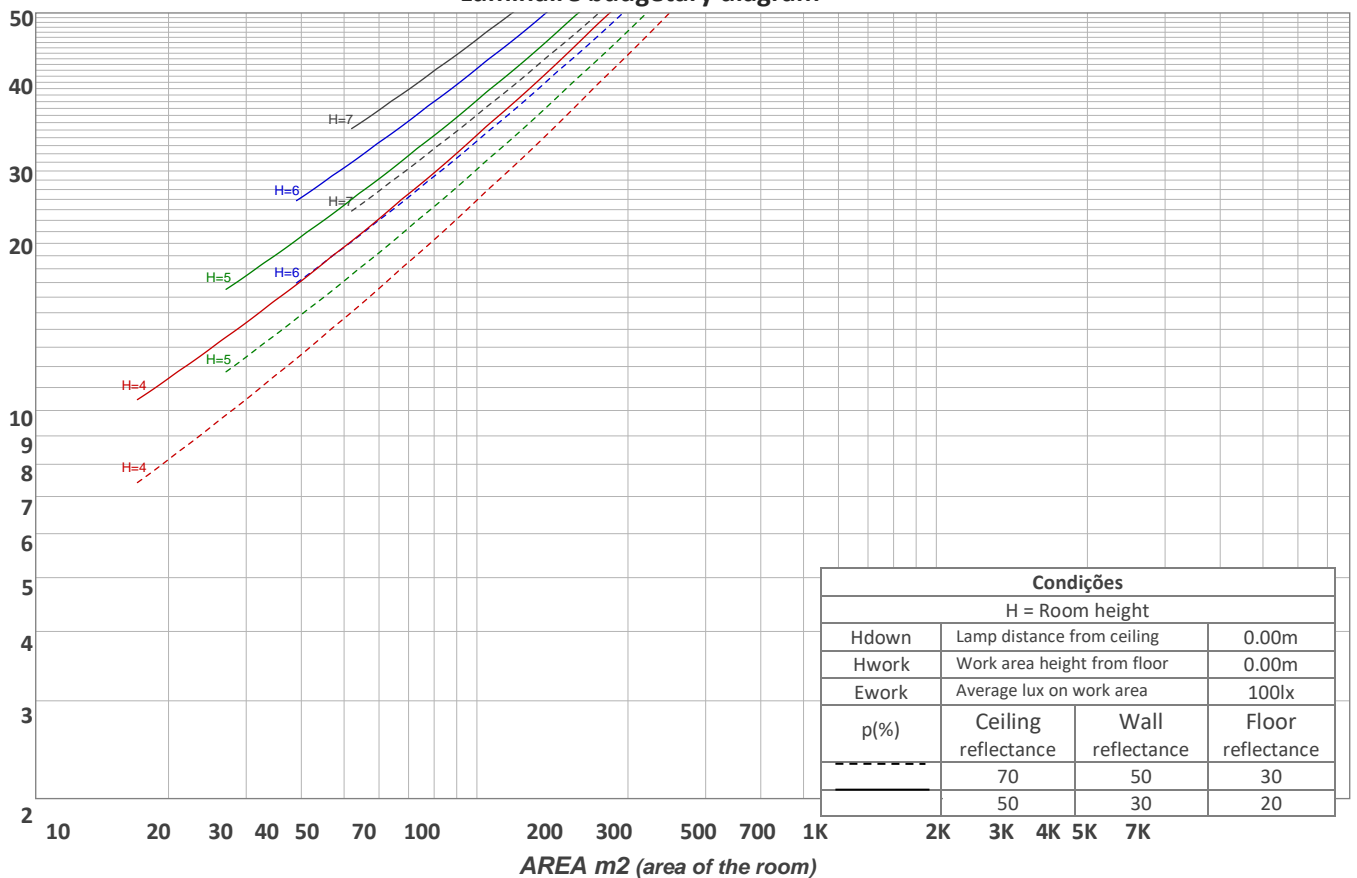
p Ceiling		70	70	50	50	30	70	70	50	50	30
p Walls		50	30	50	30	30	50	30	50	30	30
p Floor		20	20	20	20	20	20	20	20	20	20
Room size X    Y		Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H	2H	16,2	17,3	16,7	17,9	18,5	18,8	20,0	19,4	20,6	21,2
	3H	17,4	18,5	18,0	19,1	19,7	21,2	22,3	21,8	22,9	23,5
	4H	17,8	18,9	18,5	19,4	20,1	22,4	23,5	23,1	24,1	24,7
	6H	18,1	19,0	18,7	19,6	20,3	23,8	24,7	24,4	25,3	26,0
	8H	18,2	19,1	18,8	19,7	20,4	24,5	25,5	25,1	26,0	26,8
	12H	18,2	19,1	18,8	19,7	20,5	25,3	26,3	25,9	26,8	27,6
4H	2H	17,2	18,3	17,9	18,9	19,5	19,2	20,3	19,9	20,9	21,5
	3H	18,7	19,7	19,3	20,2	21,0	21,8	22,8	22,5	23,4	24,1
	4H	19,2	20,3	19,9	20,7	21,6	23,2	24,2	23,8	24,7	25,5
	6H	19,6	20,4	20,3	21,0	21,7	24,7	25,5	25,4	26,1	26,8
	8H	19,7	20,4	20,4	21,1	21,8	25,5	26,2	26,2	26,8	27,6
	12H	19,7	20,3	20,5	21,0	21,8	26,4	27,0	27,1	27,7	28,5
8H	4H	20,0	20,7	20,7	21,4	22,1	23,3	24,0	24,1	24,7	25,4
	6H	20,6	21,1	21,3	21,9	22,7	25,0	25,6	25,8	26,3	27,2
	8H	20,8	21,3	21,6	22,1	23,0	26,0	26,5	26,7	27,3	28,2
	12H	21,0	21,4	21,8	22,1	23,0	27,1	27,5	27,9	28,3	29,1
12H	4H	20,2	20,8	20,9	21,5	22,3	23,3	23,9	24,0	24,6	25,4
	6H	21,0	21,4	21,7	22,2	23,1	25,1	25,5	25,8	26,3	27,2
	8H	21,3	21,7	22,1	22,4	23,3	26,1	26,5	26,9	27,3	28,1
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					0,2 / -0,2				
S = 2.0H		0,4 / -0,7					0,3 / -0,3				
Standard table		n/a					n/a				
Correction summand		n/a					n/a				
Corrected glare indices referring to 704 lm total luminous flux											

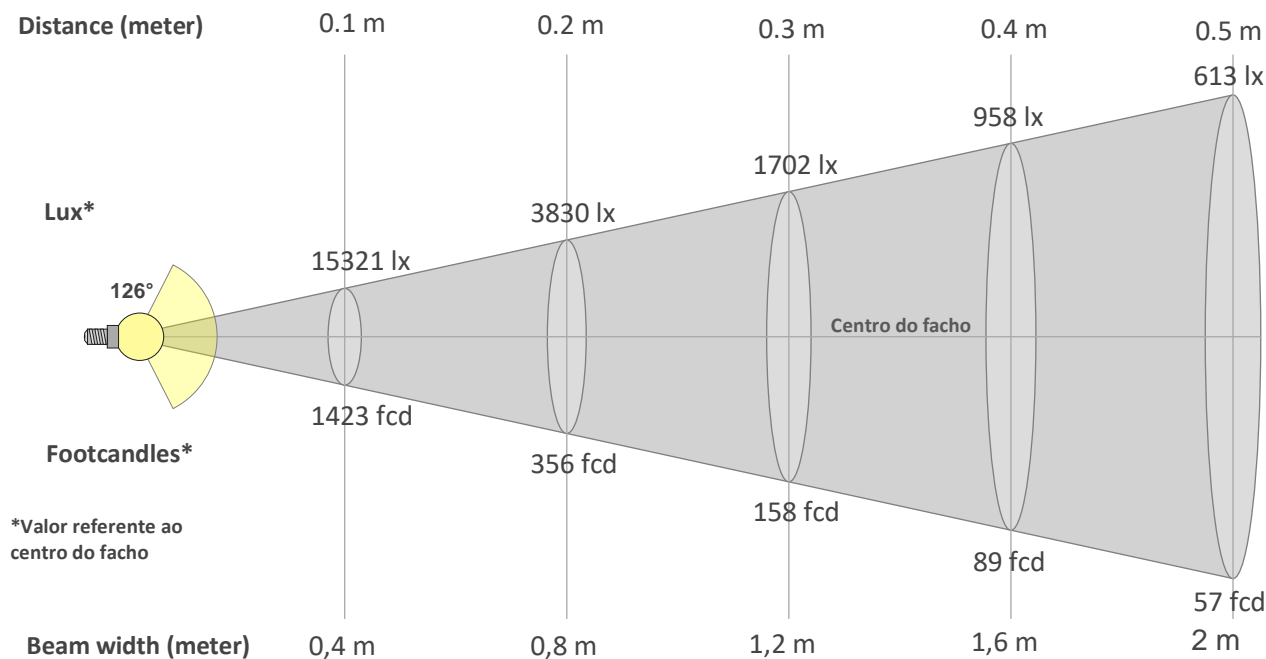
**Coeficiente de utilização**

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	114	114	114	114	109	109	109	109	100	100	100	92	92	92	84	84	84	80
1	102	96	91	87	97	92	87	83	84	80	77	77	74	71	70	68	66	62
2	92	82	75	68	87	79	72	66	72	66	62	66	61	57	60	56	53	50
3	83	71	63	56	79	68	60	54	62	56	50	57	52	47	52	48	44	41
4	75	63	53	46	72	60	51	45	55	48	42	50	44	39	46	41	37	34
5	69	56	46	39	65	53	45	38	49	41	36	45	39	34	41	36	32	29
6	63	50	40	34	60	48	39	33	44	36	31	40	34	29	37	32	27	25
7	59	45	36	29	56	43	35	29	40	32	27	36	30	26	34	28	24	22
8	54	41	32	26	52	39	31	25	36	29	24	33	27	23	31	25	21	19
9	51	37	29	23	48	36	28	23	33	26	21	31	25	20	28	23	19	17
10	47	34	26	21	45	33	25	20	30	24	19	28	22	18	26	21	17	15

**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
153lx	38lx	17lx	10lx	6lx	4lx	3lx	2lx	2lx	2lx	1lx	1lx	1lx	1lx	1lx	1lx	1lx	0lx	0lx	0lx
14,2fcd	3,6fcd	1,6fcd	0,9fcd	0,6fcd	0,4fcd	0,3fcd	0,2fcd	0,2fcd	0,1fcd	0,1fcd	0,1fcd	0,1fcd	0,1fcd	0,1fcd	0,1fcd	0fcd	0fcd	0fcd	0fcd

### Intensities in 0° c-plane

0°	9°	18°	27°	36°	45°	54°	63°	72°	81°	90°	99°	108°	117°	126°	135°	144°	153°	162°	171°
153	151	144	133	119	104	83	60	37	16	3	3	3	3	3	3	2	2	2	2
100%	98%	94%	87%	77%	68%	54%	39%	24%	10%	2%	2%	2%	2%	2%	2%	1%	1%	1%	1%

### Intensities in 90° c-plane

0°	9°	18°	27°	36°	45°	54°	63°	72°	81°	90°	99°	108°	117°	126°	135°	144°	153°	162°	171°
153	154	153	149	141	130	117	100	81	63	50	47	44	40	35	30	24	17	11	3
100%	100%	100%	97%	92%	85%	76%	65%	53%	41%	33%	31%	28%	26%	23%	19%	15%	11%	7%	2%

### Intensities in 180° c-plane

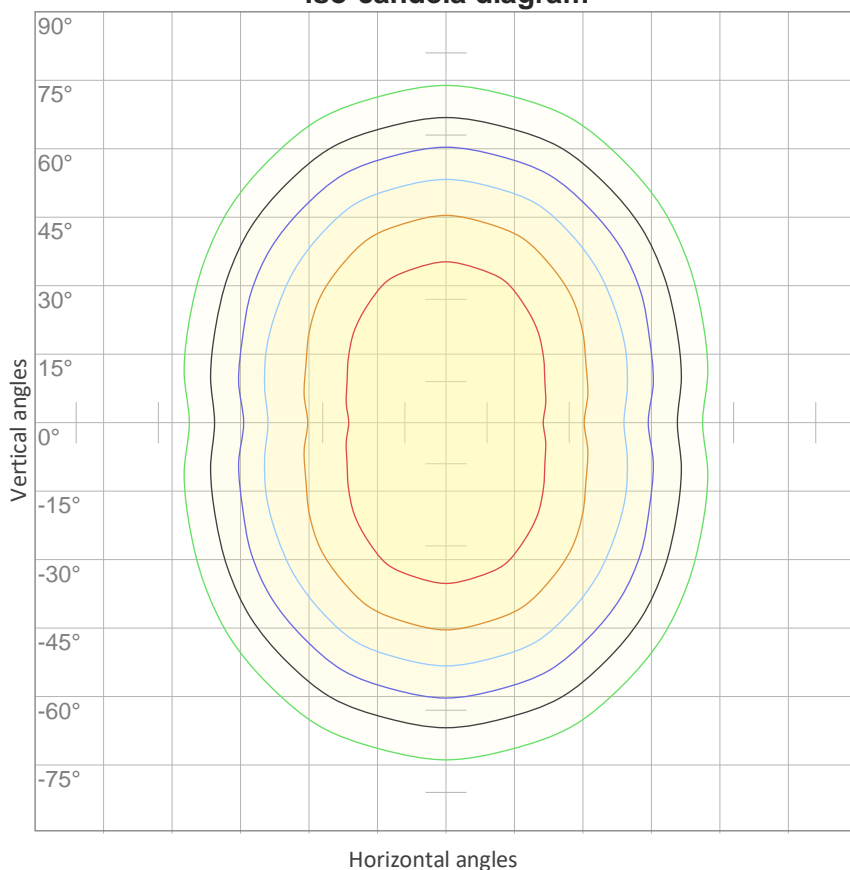
0°	9°	18°	27°	36°	45°	54°	63°	72°	81°	90°	99°	108°	117°	126°	135°	144°	153°	162°	171°
153	151	144	133	119	104	83	60	37	16	3	3	3	3	3	3	2	2	2	2
100%	98%	94%	87%	77%	68%	54%	39%	24%	10%	2%	2%	2%	2%	2%	2%	1%	1%	1%	1%

### Intensities in 270° c-plane

0°	9°	18°	27°	36°	45°	54°	63°	72°	81°	90°	99°	108°	117°	126°	135°	144°	153°	162°	171°
153	154	153	149	141	130	117	100	81	63	50	47	44	40	35	30	24	17	11	3
100%	100%	100%	97%	92%	85%	76%	65%	53%	41%	33%	31%	28%	26%	23%	19%	15%	11%	7%	2%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
126°	226,5°	287,1°	53,7%	34,9%

**iso-candela diagram**



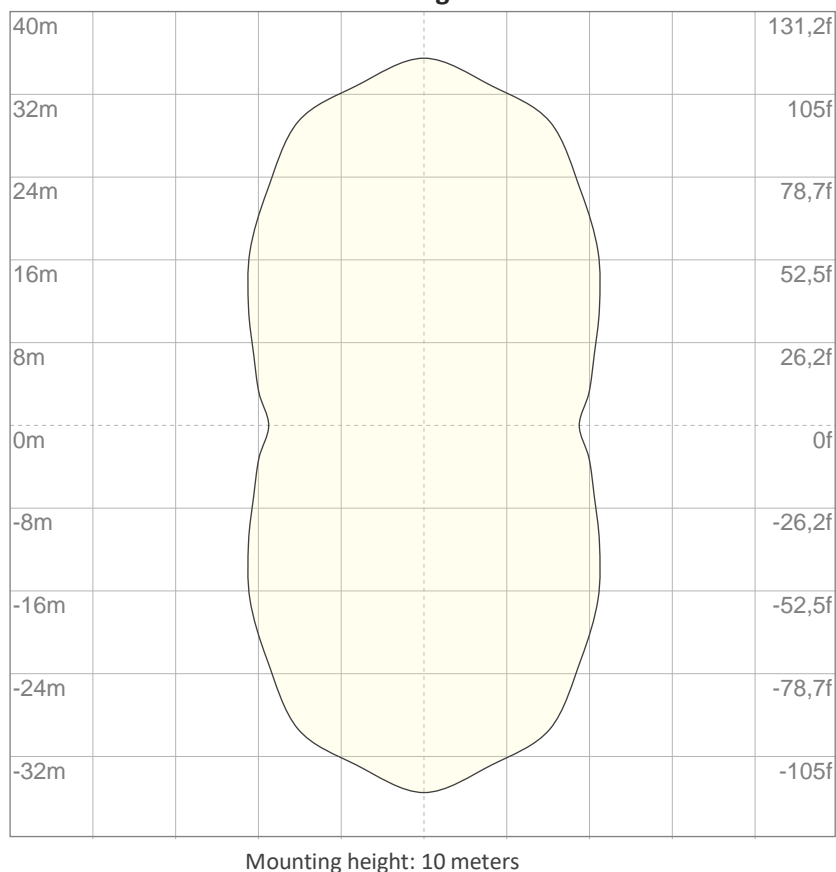
10%	15 cd
20%	31 cd
30%	46 cd
40%	61 cd
50%	77 cd
60%	92 cd
70%	107 cd
80%	123 cd
90%	138 cd

Conditions:

Number of c-planes: 16

Candela at center: 153 cd

**iso-lux diagram**



3%	46,0m lx
5%	76,6m lx
10%	0,153 lx
30%	0,460 lx
50%	0,766 lx

Conditions:

Number of c-planes: 16

Lux at center: 1,53 lx

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

**Potência**


**Vttagem: 12,0 V**

**Corrente: 0,920 A**

**Frequência: 0 Hz**

**FP: 1,0**

**THD**



**THD corrente: n/a**

**THD tensão: n/a**