

## 9005 SLED9005U BRANCA FITA 20WM 2400K 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 – 1160 lm/m

Potência – 20,0 W/m

Intensidade pico – 267cd

CCT – 2408K



IRC – 96,8

Coordenada CIE 1931 – x- 0,488 y- 0,418

A x L - 8x17

Peso - 0,12kg/m

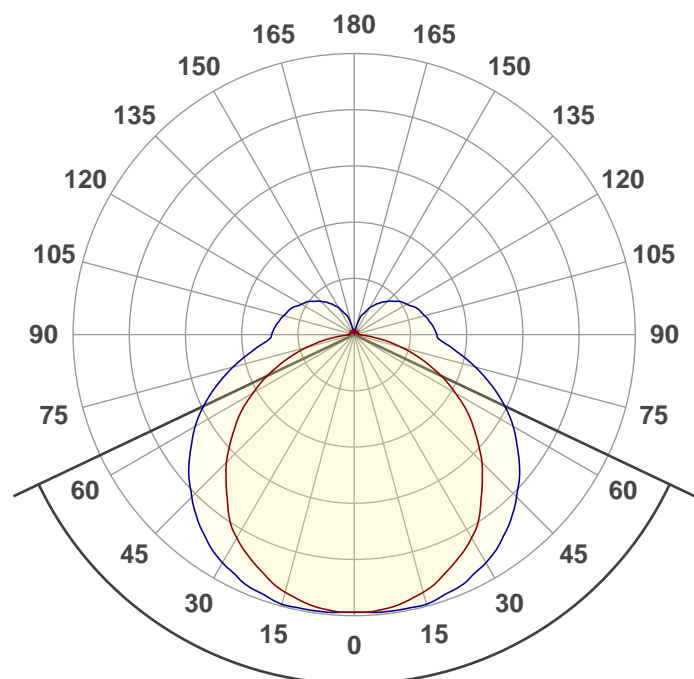
IP - 20 - Uso Interno

IK - 00 – Não aplicável

Alimentação - 12vdc

Data do ensaio

09/09/2022 15:35:24



Facho de abertura

**129,2°**

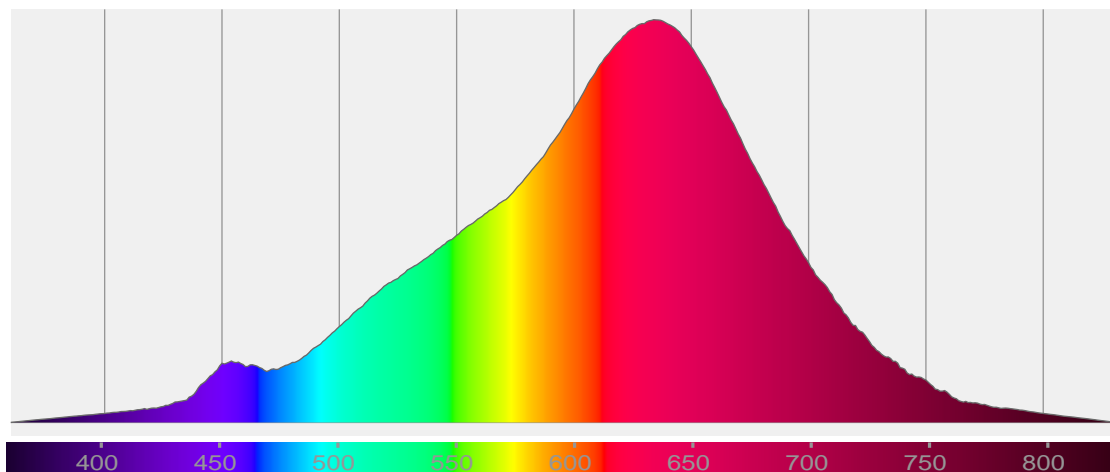
**Rf 96,2**

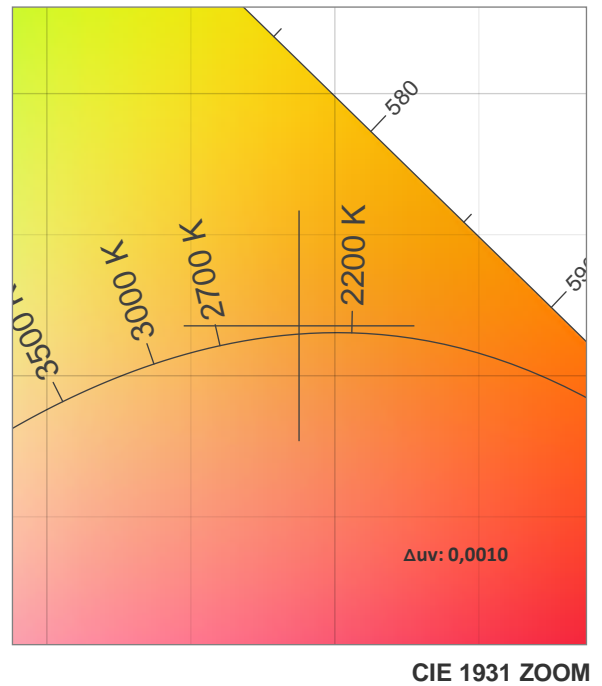
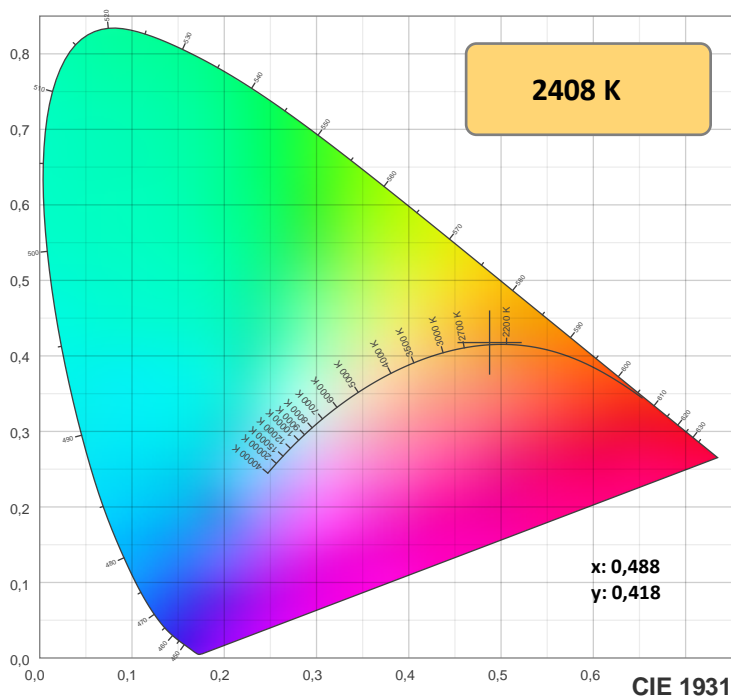
Fidelity index Rf

**Rg 99,3**

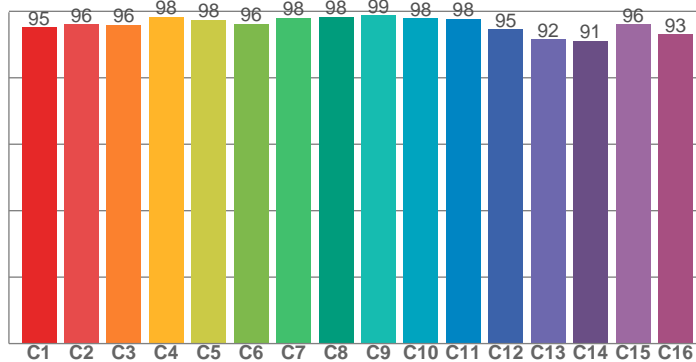
Gamut index Rg

Hue Bin	R <sub>f</sub>	Shifts (%)	
		Chroma	Hue
1	95	-3%	0%
2	96	-2%	1%
3	96	-1%	2%
4	98	-1%	1%
5	98	0%	2%
6	96	1%	2%
7	98	0%	-1%
8	98	1%	0%
9	99	0%	0%
10	98	-1%	1%
11	98	1%	1%
12	95	1%	-2%
13	92	2%	-8%
14	91	0%	-6%
15	96	-1%	-3%
16	93	-3%	-4%

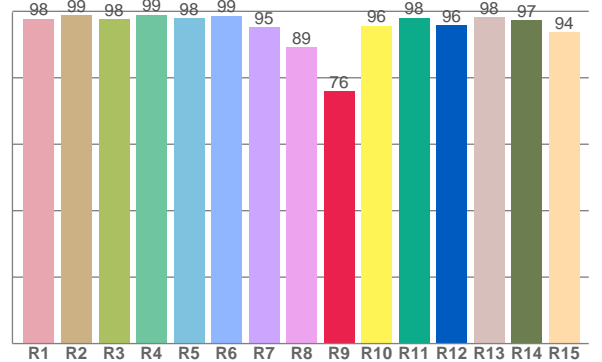




TM-30: 96,2



CRI: 96,8 (R1-R8)



CRIRA R1-R8 / CRIR R1-R15

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97,8	98,7	97,7	99,0	97,9	98,7	95,2	89,2	76,0	95,7	98,1	95,9	98,2	97,4	93,6

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	96,0	96,0	98,3	97,5	96,3	98,0	98,4	98,8	97,9	97,7	94,6	91,6	91,2	96,0	93,1

## 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	$\Delta uv$
2408 K	96,8	76,0	96,2	99,3	91,9	0,488	0,418	0,277	0,356	0,0010

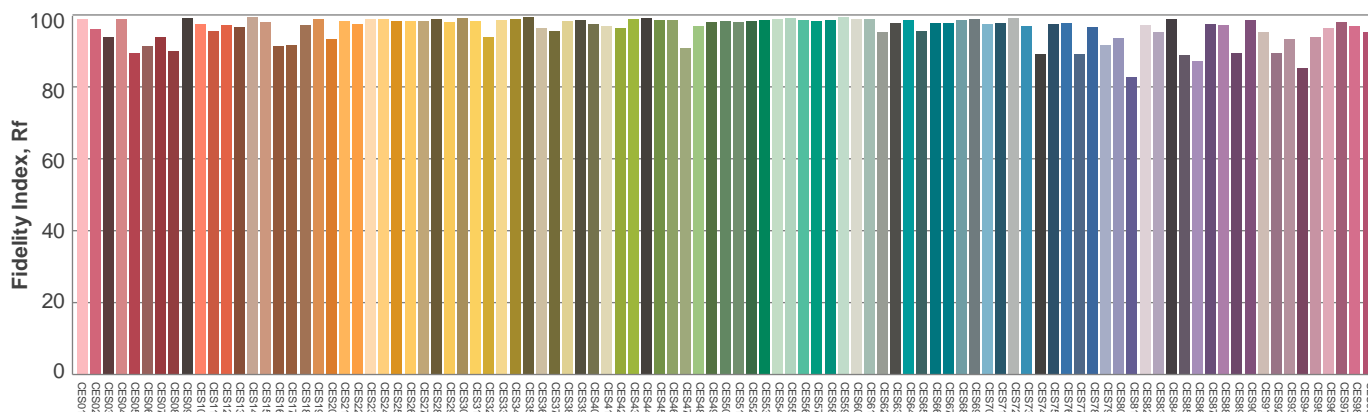
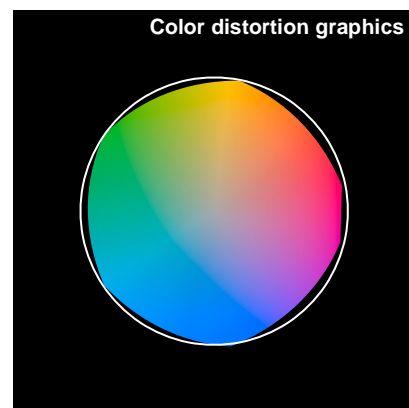
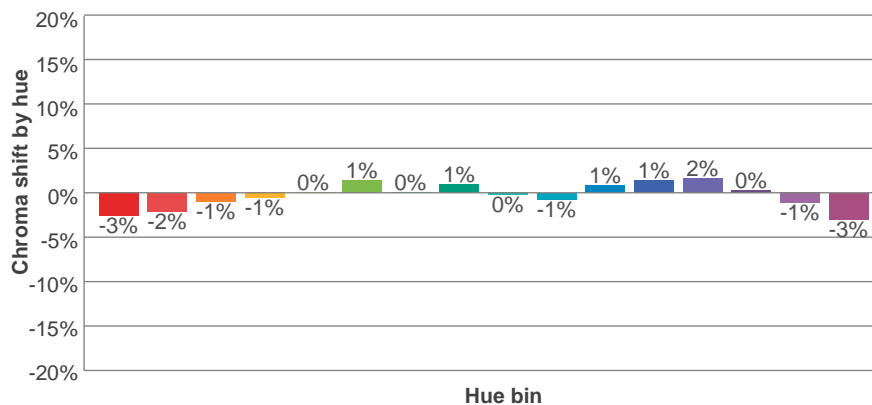
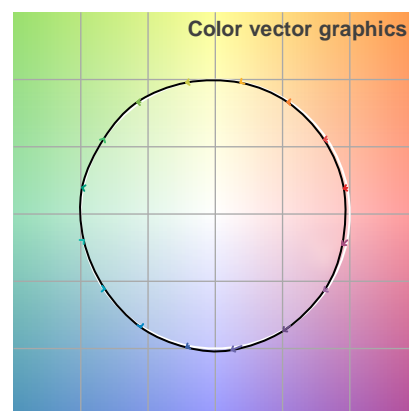
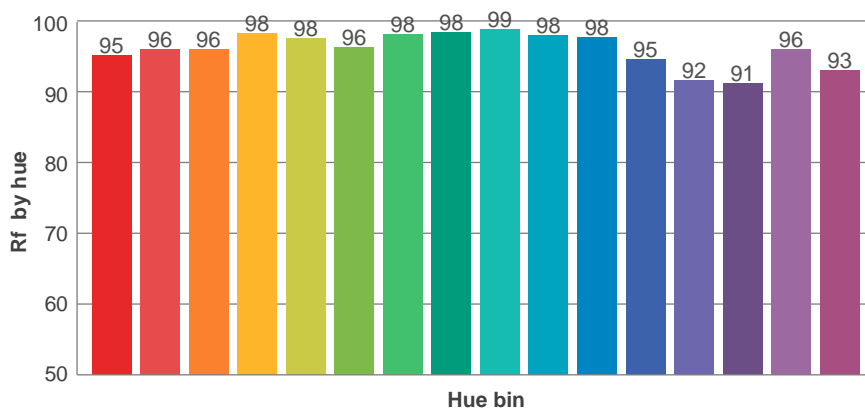
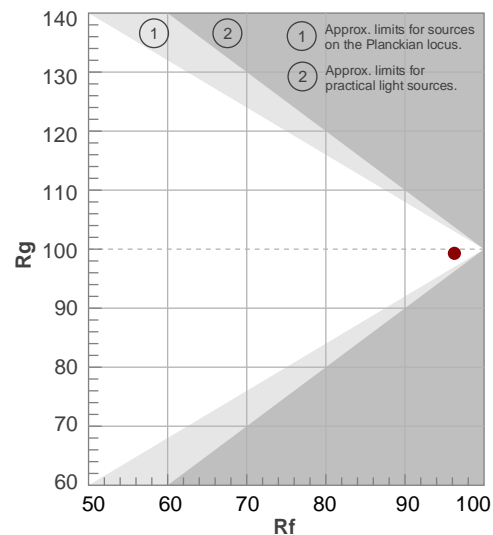
**Rf 96,2**

Fidelity index Rf

**Rg 99,3**

Gamut index Rg

Hue Bin	R <sub>i</sub>	Shifts (%)	
		Chroma	Hue
1	95	-3%	0%
2	96	-2%	1%
3	96	-1%	2%
4	98	-1%	1%
5	98	0%	2%
6	96	1%	2%
7	98	0%	-1%
8	98	1%	0%
9	99	0%	0%
10	98	-1%	1%
11	98	1%	1%
12	95	1%	-2%
13	92	2%	-8%
14	91	0%	-6%
15	96	-1%	-3%
16	93	-3%	-4%



Avaliação todas as amostras de cores

Glare Evaluation According to UGR

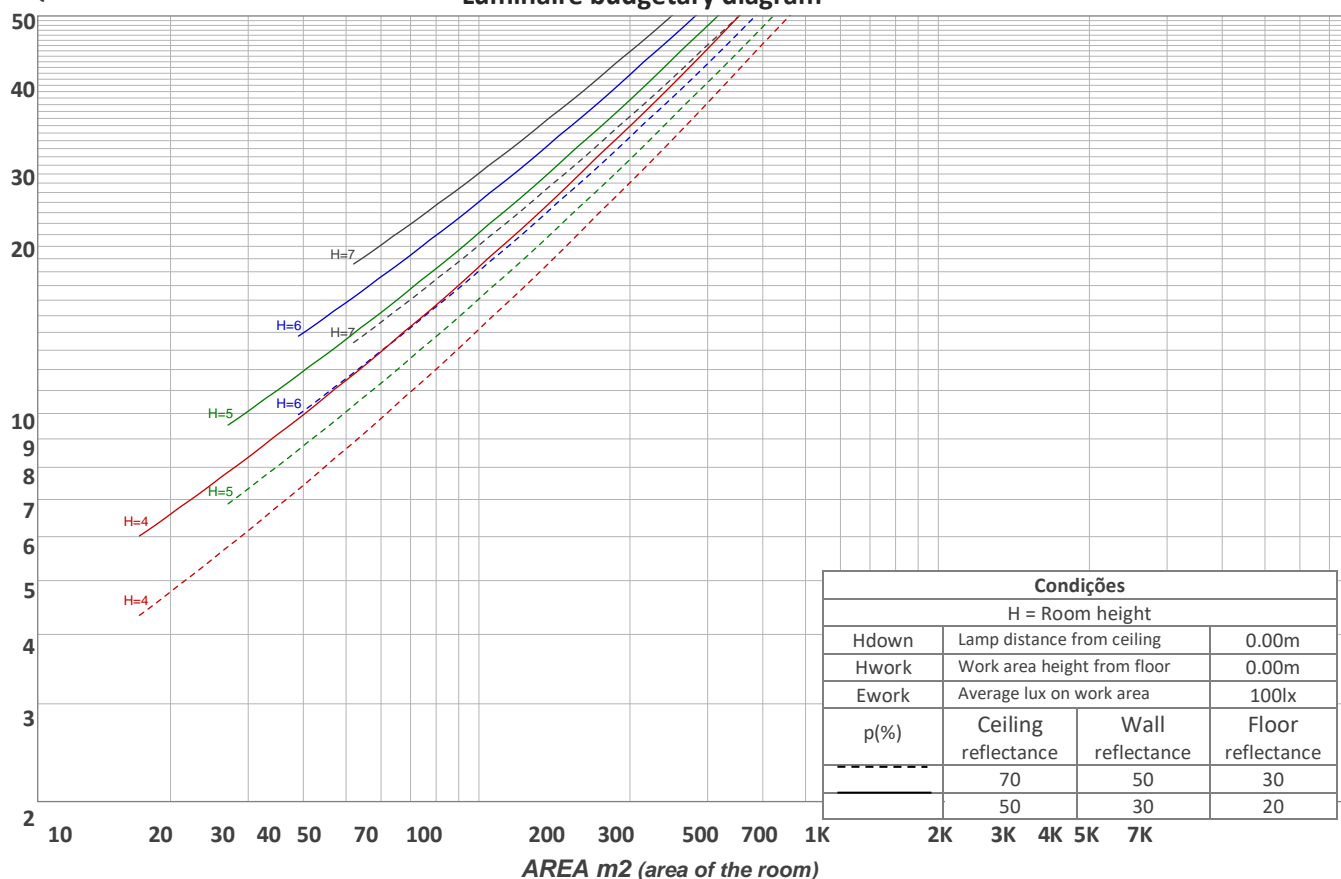
p Ceiling		70	70	50	50	30	70	70	50	50	30
p Walls		50	30	50	30	30	50	30	50	30	30
p Floor		20	20	20	20	20	20	20	20	20	20
Room size X    Y		Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H	2H	20,4	21,5	20,9	22,1	22,7	22,3	23,4	22,8	24,0	24,6
	3H	21,8	22,9	22,4	23,5	24,0	24,6	25,7	25,2	26,2	26,8
	4H	22,3	23,4	23,0	23,9	24,6	25,8	26,8	26,4	27,4	28,0
	6H	22,7	23,6	23,3	24,2	24,9	27,1	28,0	27,7	28,6	29,3
	8H	22,8	23,8	23,4	24,3	25,0	27,8	28,7	28,4	29,3	30,0
	12H	22,8	23,8	23,4	24,3	25,1	28,5	29,5	29,2	30,1	30,8
4H	2H	21,5	22,5	22,1	23,1	23,7	22,8	23,9	23,5	24,5	25,1
	3H	23,2	24,1	23,8	24,7	25,4	25,4	26,4	26,0	26,9	27,7
	4H	23,8	24,8	24,5	25,3	26,1	26,7	27,8	27,4	28,2	29,1
	6H	24,3	25,1	25,0	25,7	26,4	28,2	29,0	28,9	29,6	30,3
	8H	24,4	25,1	25,1	25,8	26,5	29,0	29,7	29,7	30,4	31,0
	12H	24,5	25,1	25,2	25,8	26,5	29,9	30,5	30,6	31,2	32,0
8H	4H	24,6	25,3	25,3	25,9	26,6	27,0	27,7	27,7	28,4	29,1
	6H	25,4	25,9	26,1	26,6	27,4	28,8	29,3	29,5	30,0	30,8
	8H	25,7	26,1	26,4	26,9	27,8	29,7	30,2	30,5	31,0	31,9
	12H	25,9	26,3	26,6	27,0	27,9	30,9	31,3	31,7	32,0	32,9
12H	4H	24,8	25,4	25,5	26,1	26,8	27,0	27,6	27,7	28,3	29,1
	6H	25,7	26,2	26,5	27,0	27,9	28,8	29,3	29,6	30,1	31,0
	8H	26,1	26,6	26,9	27,3	28,2	29,9	30,3	30,7	31,1	31,9
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 / -0,2					0,1 / -0,1				
S = 2.0H		0,3 / -0,5					0,2 / -0,2				
Standard table		n/a					n/a				
Correction summand		n/a					n/a				
Corrected glare indices referring to 1160 lm total luminous flux											

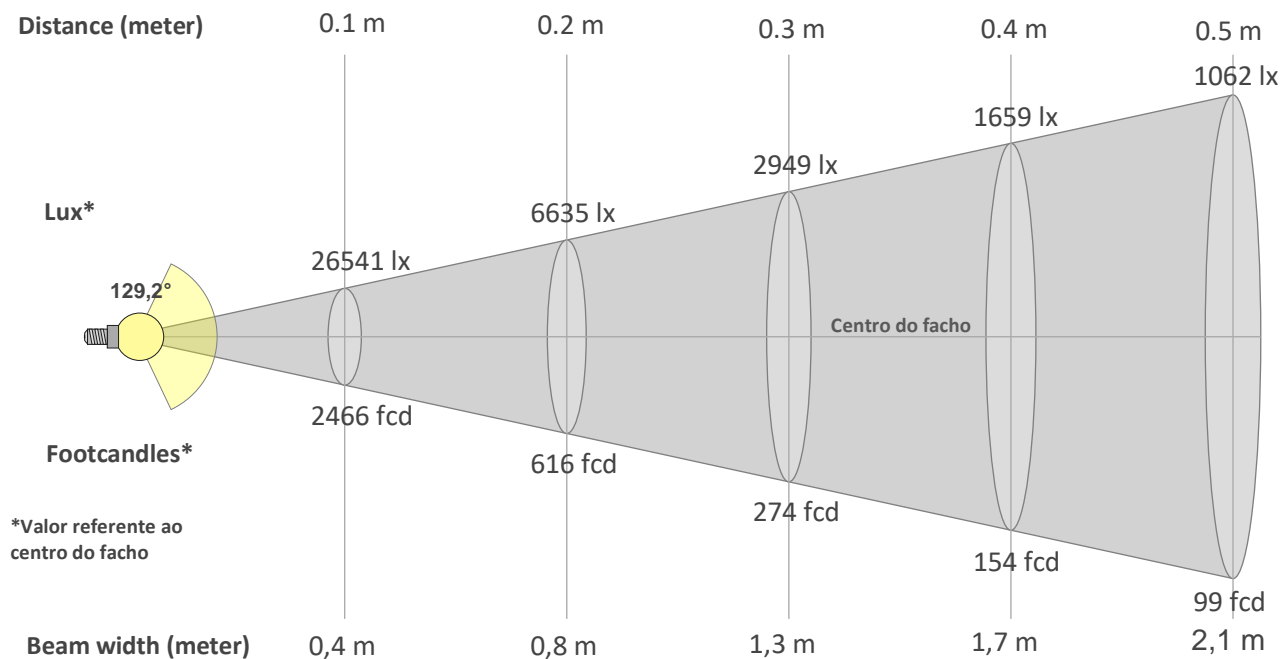
**Coeficiente de utilização**

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	115	115	115	115	110	110	110	110	101	101	101	93	93	93	85	85	85	82
1	103	97	92	88	98	93	89	84	85	82	79	78	76	73	72	70	68	64
2	92	83	76	70	88	80	73	67	73	68	63	67	63	59	62	58	55	52
3	84	73	64	57	80	70	62	55	64	57	52	59	53	49	54	50	46	43
4	76	64	55	48	73	61	53	46	56	49	44	52	46	41	48	43	39	36
5	70	57	47	41	67	54	46	39	50	43	37	46	40	35	43	38	33	31
6	64	51	42	35	61	49	40	34	45	38	32	42	36	31	39	33	29	27
7	60	46	37	31	57	44	36	30	41	34	28	38	32	27	35	30	26	23
8	55	42	33	27	53	40	32	26	37	30	25	35	29	24	32	27	23	21
9	52	38	30	24	49	37	29	24	34	27	23	32	26	22	30	24	20	18
10	48	35	27	22	46	34	26	21	32	25	20	30	24	19	28	22	19	17

**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
265lx	66lx	29lx	17lx	11lx	7lx	5lx	4lx	3lx	3lx	2lx	2lx	2lx	1lx	1lx	1lx	1lx	1lx	1lx	1lx
24,7fcd	6,2fcd	2,7fcd	1,5fcd	1fcd	0,7fcd	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

### 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°
265	262	250	231	205	173	137	99	60	23	4	4	4	4	3	3	3	3	3	3
100%	99%	94%	87%	77%	65%	52%	37%	22%	9%	2%	1%	1%	1%	1%	1%	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°
265	266	264	255	241	219	194	165	131	98	79	74	68	61	54	45	36	25	15	4
100%	100%	100%	96%	91%	83%	73%	62%	49%	37%	30%	28%	26%	23%	20%	17%	14%	10%	5%	2%

### Intensities in 180° c-plane

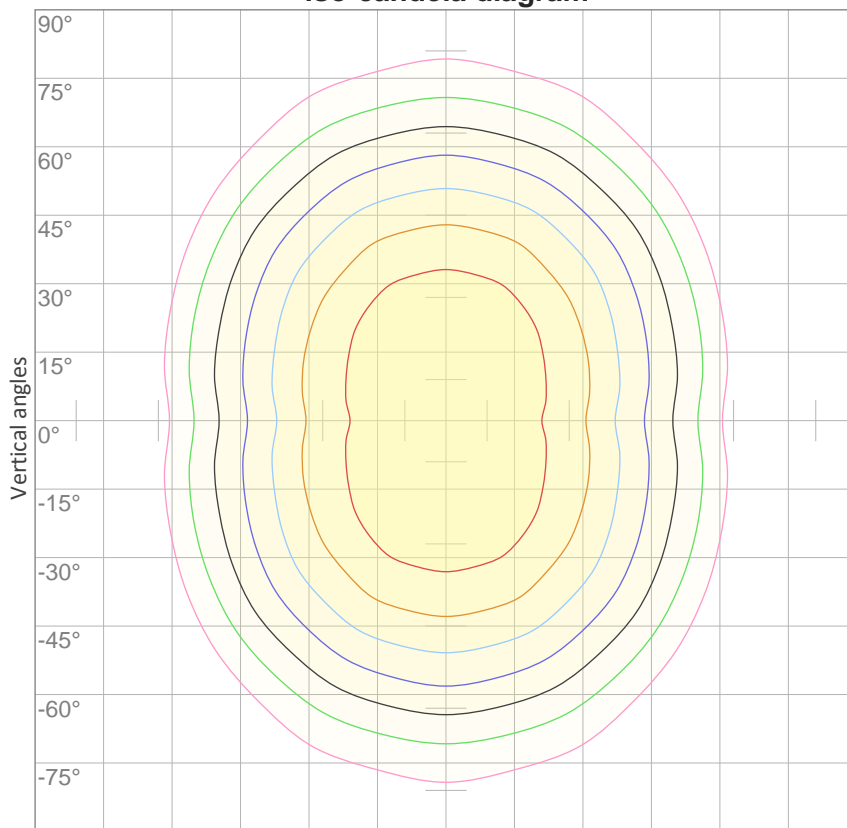
0°	9°	18°	27°	36°	45°	54°	63°	72°	81°	90°	99°	108°	117°	126°	135°	144°	153°	162°	171°
265	262	250	231	205	173	137	99	60	23	4	4	4	4	3	3	3	3	3	3
100%	99%	94%	87%	77%	65%	52%	37%	22%	9%	2%	1%	1%	1%	1%	1%	1%	1%	1%	1%

### 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°
265	266	264	255	241	219	194	165	131	98	79	74	68	61	54	45	36	25	15	4
100%	100%	100%	96%	91%	83%	73%	62%	49%	37%	30%	28%	26%	23%	20%	17%	14%	10%	5%	2%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
129,2°	249,3°	303,9°	57,1%	37,4%

**iso-candela diagram**



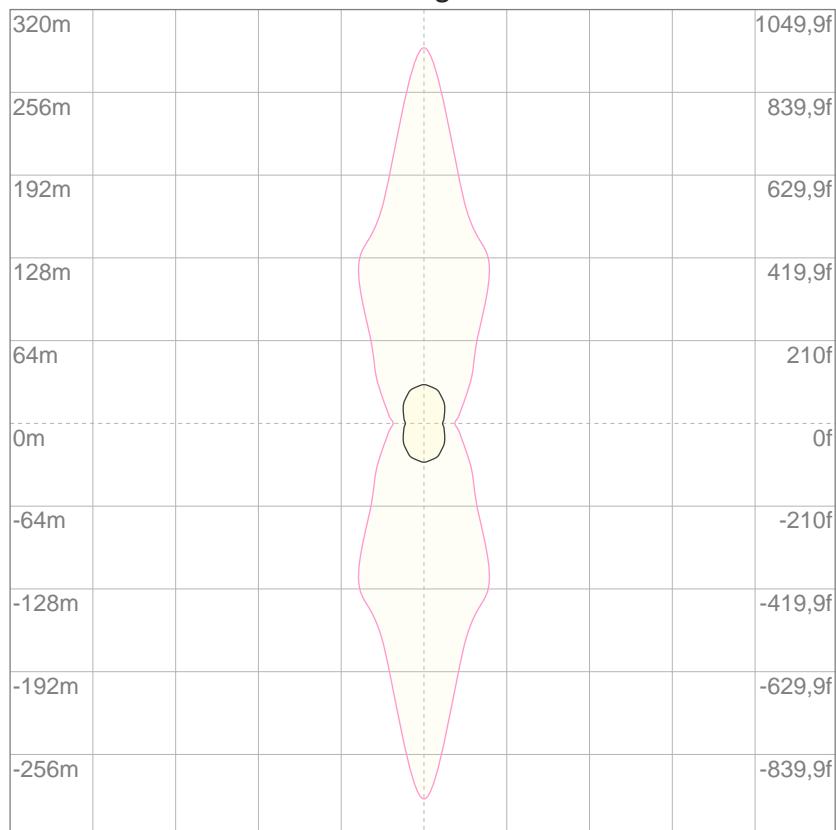
10%	27 cd
20%	53 cd
30%	80 cd
40%	106 cd
50%	133 cd
60%	159 cd
70%	186 cd
80%	212 cd
90%	239 cd

Conditions:

Number of c-planes: 16

Candela at center: 265 cd

**iso-lux diagram**



3%	79,6m lx
5%	0,133 lx
10%	0,265 lx
30%	0,796 lx
50%	1,33 lx

Conditions:

Number of c-planes: 16

Lux at center: 2,65 lx

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

**Potência**


**Vttagem: 12,0 V**

**Corrente: 1,67 A**

**Frequência: 0 Hz**

**FP: 1,0**

**THD**



**THD corrente: n/a**

**THD tensão: n/a**