

## 9005 SLED9005 BRANCA FITA 11WM 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 – 564 lm/m

Potência – 11,5 W/m

Intensidade pico – 189cd

CCT – 2395K



IRC – 97,1

Coordenada CIE 1931 – x- 0,491 y- 0,421

A x L - 8x17

Peso - 0,12kg/m

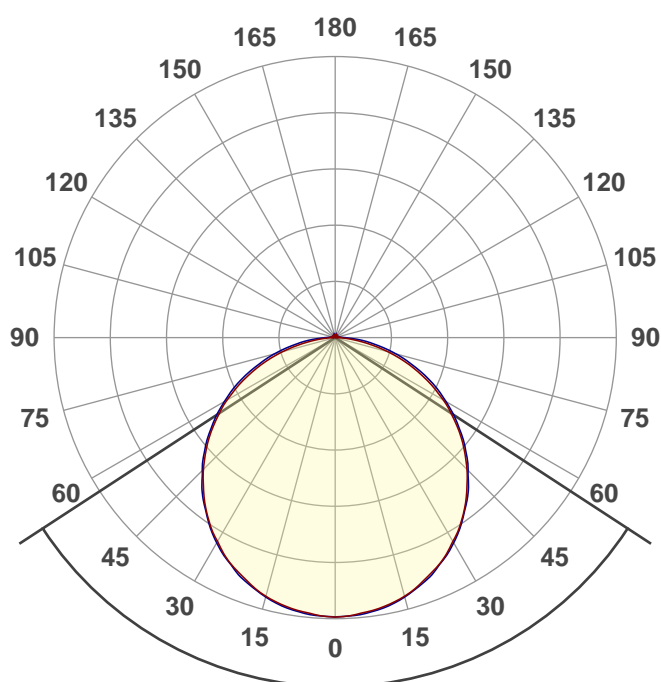
IP - 20 - Uso Interno

IK - 00 – Não aplicável

Alimentação - 12vdc

Data do ensaio

23/03/2022 16:53:38



Facho de abertura

**113,7°**

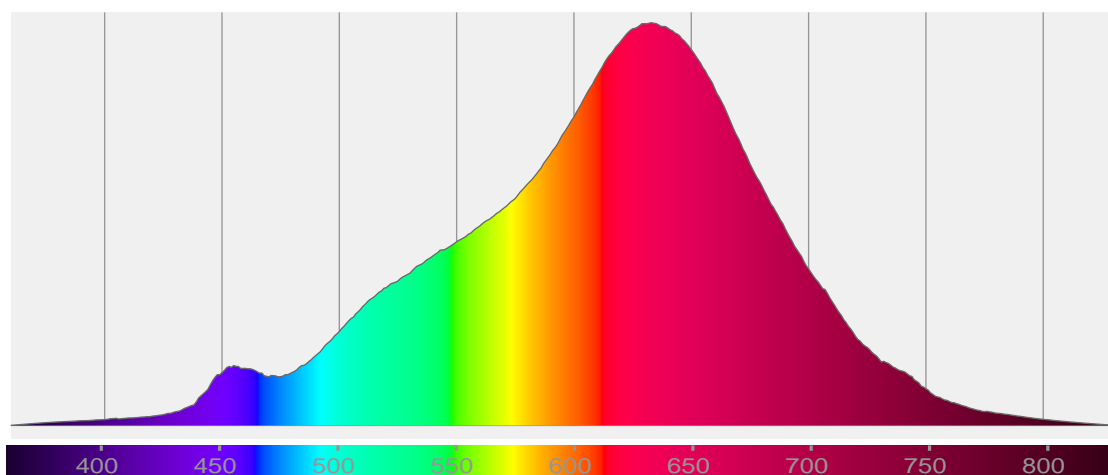
**Rf 95,2**

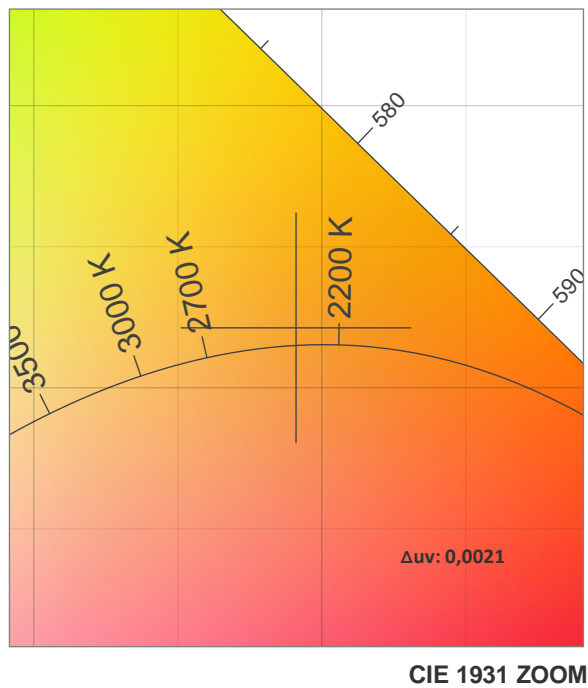
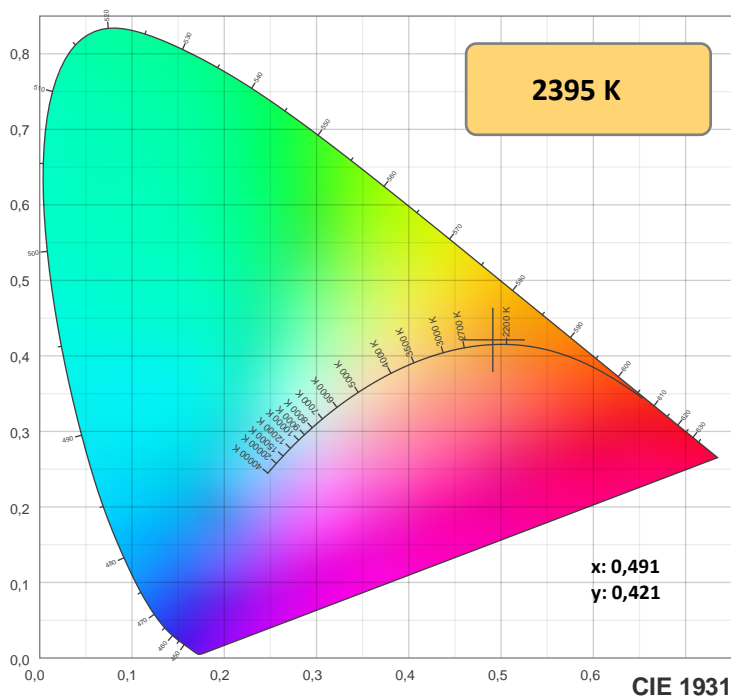
Fidelity index Rf

**Rg 98,0**

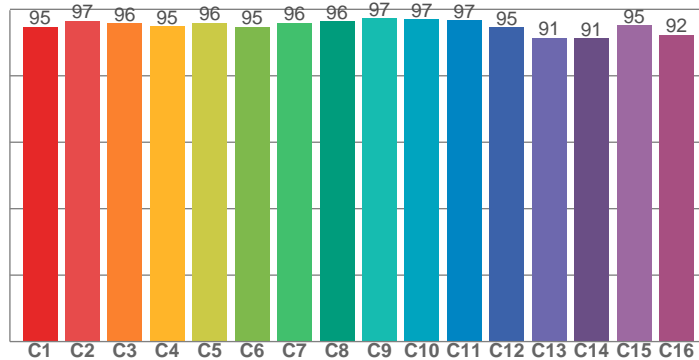
Gamut index Rg

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

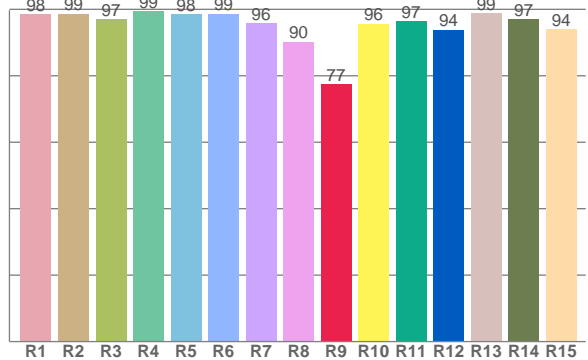




TM-30: 95,2



CRI: 97,1 (R1-R8)



CRIRA R1-R8 / CRIR R1-R15

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98,5	98,7	97,1	99,5	98,5	98,6	95,9	90,3	77,4	95,7	96,5	93,9	98,7	97,0	93,9

TM30 valores C. 16 valores extraídos dos 99.

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94,8	96,5	95,8	94,9	95,9	94,8	96,0	96,3	97,3	96,9	96,7	94,6	91,5	91,3	95,2	92,4

## 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
2395 K	97,1	77,4	95,2	98,0	89,7	0,491	0,421	0,278	0,357	0,0021

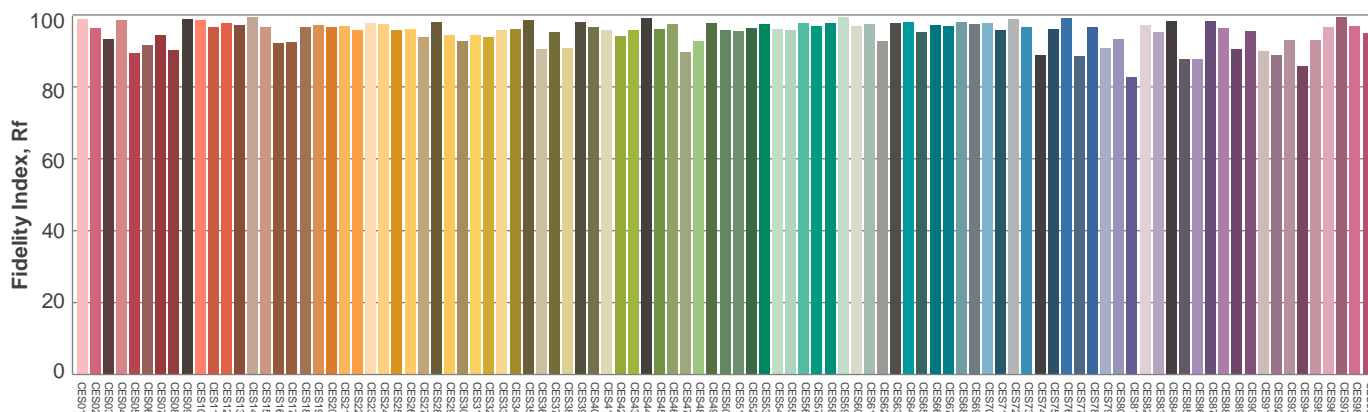
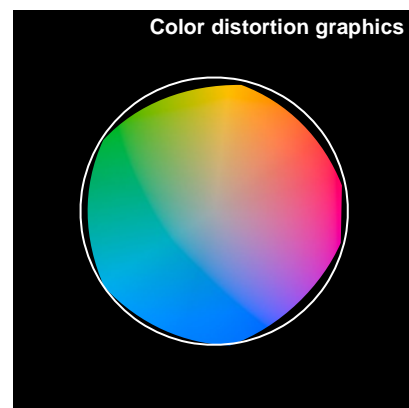
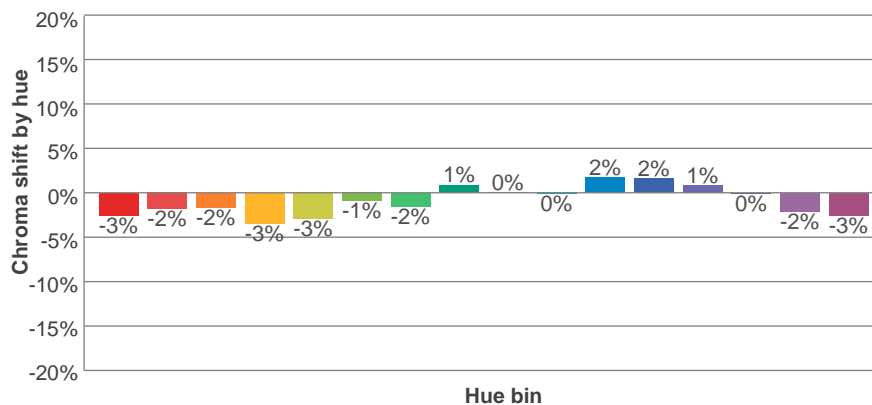
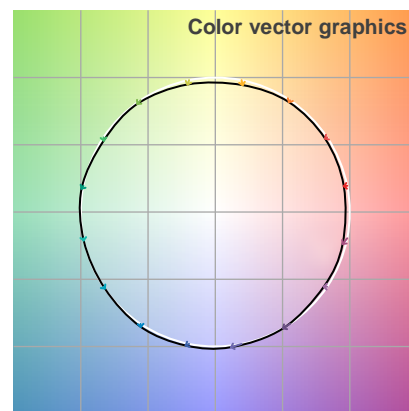
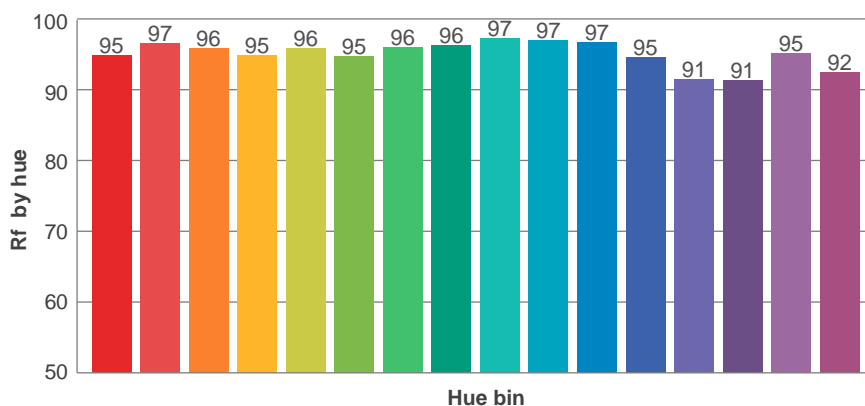
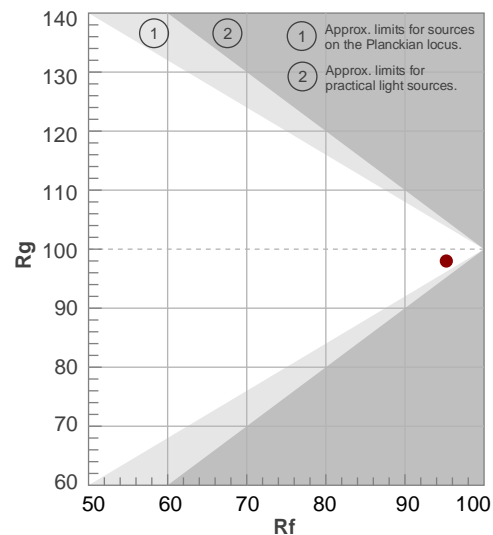
**Rf 95,2**

Fidelity index Rf

**Rg 98,0**

Gamut index Rg

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



Avaliação todas as amostras de cores

Glare Evaluation According to UGR

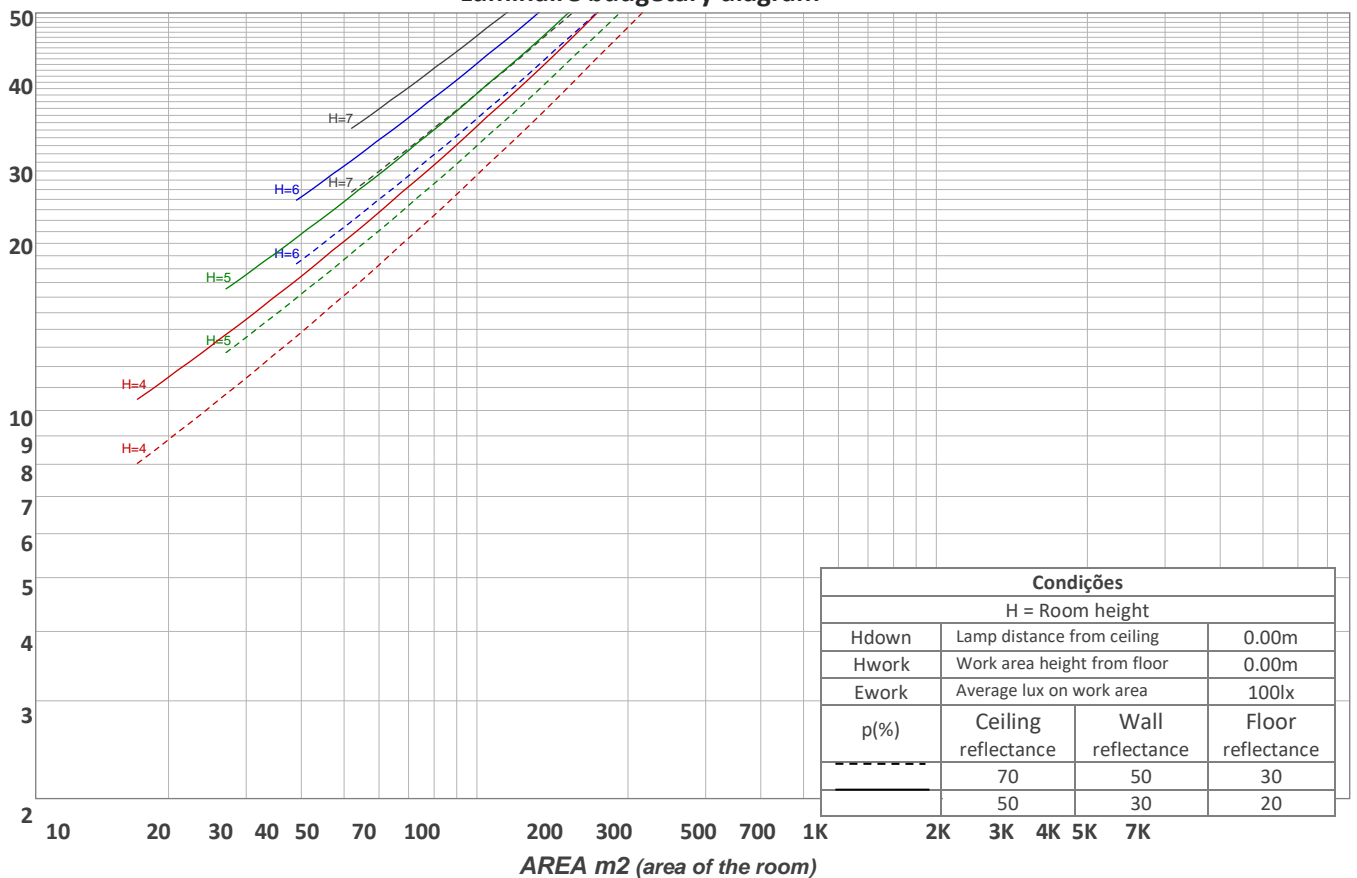
p Ceiling		70	70	50	50	30	70	70	50	50	30
p Walls		50	30	50	30	30	50	30	50	30	30
p Floor		20	20	20	20	20	20	20	20	20	20
Room size X    Y		Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H	2H	20,5	21,7	20,8	22,1	22,3	20,8	22,0	21,1	22,4	22,6
	3H	21,9	23,2	22,4	23,5	23,7	22,4	23,7	22,8	24,0	24,2
	4H	22,5	23,7	22,9	24,0	24,3	23,2	24,4	23,6	24,7	25,0
	6H	23,0	24,0	23,3	24,3	24,7	23,9	24,9	24,2	25,2	25,6
	8H	23,0	24,1	23,4	24,4	24,9	24,1	25,1	24,5	25,5	25,9
	12H	23,1	24,1	23,5	24,4	24,9	24,3	25,3	24,7	25,7	26,2
4H	2H	21,1	22,4	21,6	22,7	22,9	21,4	22,6	21,8	22,9	23,2
	3H	22,9	23,9	23,3	24,2	24,7	23,3	24,3	23,7	24,7	25,2
	4H	23,5	24,4	24,0	24,9	25,4	24,1	25,1	24,6	25,5	26,0
	6H	24,0	24,9	24,5	25,3	25,7	24,9	25,8	25,4	26,1	26,5
	8H	24,1	24,9	24,7	25,3	25,8	25,2	26,0	25,7	26,4	26,8
	12H	24,2	24,9	24,7	25,3	25,8	25,5	26,1	26,0	26,6	27,1
8H	4H	23,8	24,6	24,4	25,0	25,5	24,4	25,2	24,9	25,6	26,0
	6H	24,5	25,1	25,0	25,6	26,2	25,3	25,9	25,8	26,4	27,0
	8H	24,7	25,3	25,3	25,8	26,5	25,8	26,3	26,3	26,8	27,5
	12H	24,9	25,3	25,5	25,9	26,5	26,1	26,6	26,7	27,1	27,8
12H	4H	23,9	24,5	24,4	25,0	25,5	24,4	25,1	24,9	25,5	26,0
	6H	24,6	25,1	25,1	25,7	26,4	25,4	25,9	25,9	26,5	27,1
	8H	24,9	25,3	25,5	25,8	26,5	25,8	26,3	26,4	26,8	27,5
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 / -0,3					0,1 / -0,1				
S = 2.0H		0,4 / -0,5					0,3 / -0,4				
Standard table		n/a					n/a				
Correction summand		n/a					n/a				
Corrected glare indices referring to 564 lm total luminous flux											

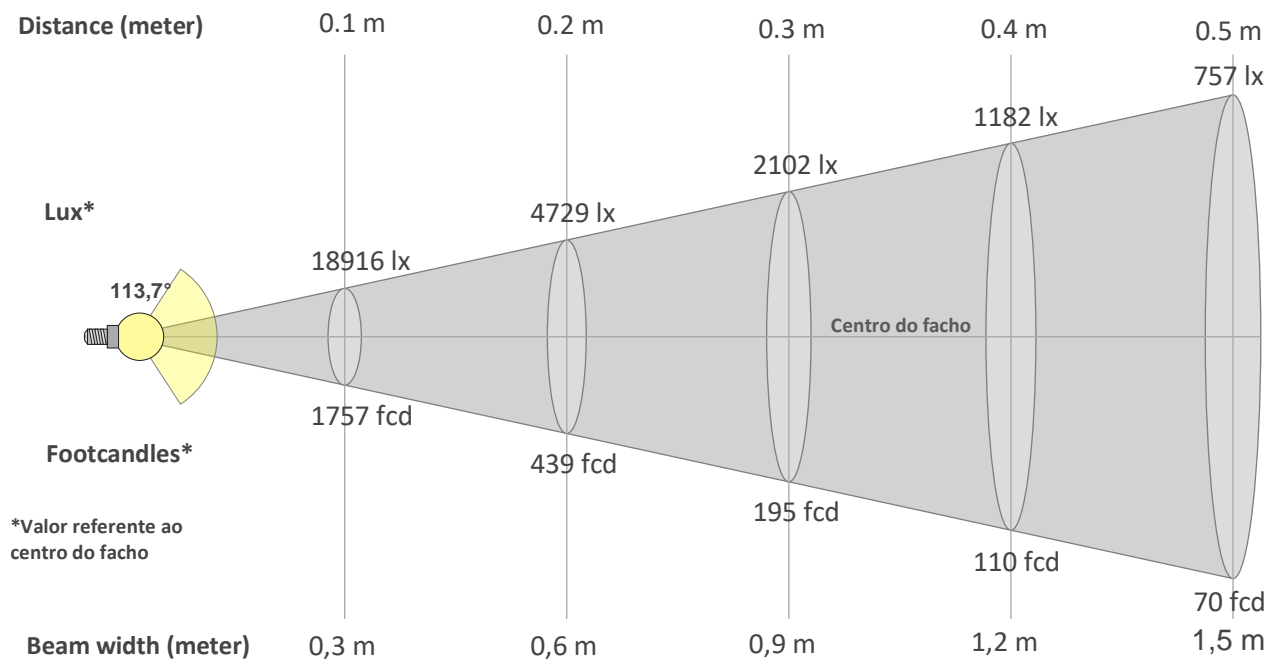
**Coeficiente de utilização**

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	98
1	108	103	98	94	105	100	96	93	96	92	89	92	89	86	88	85	83	81
2	98	89	82	76	95	87	81	75	83	78	73	80	75	71	76	73	69	67
3	89	78	70	63	86	76	69	62	73	66	61	70	64	60	67	63	58	56
4	81	69	60	53	79	68	59	53	65	57	52	62	56	51	60	54	50	48
5	75	61	52	46	72	60	52	45	58	50	45	56	49	44	54	48	43	41
6	69	55	46	40	67	54	46	39	52	45	39	50	44	38	49	43	38	36
7	64	50	41	35	62	49	41	35	47	40	34	46	39	34	44	38	33	31
8	59	46	37	31	58	45	37	31	43	36	30	42	35	30	41	34	30	28
9	55	42	33	28	54	41	33	28	40	32	27	39	32	27	37	31	27	25
10	52	38	30	25	50	38	30	25	37	30	25	36	29	25	35	29	24	23

**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
189lx	47lx	21lx	12lx	8lx	5lx	4lx	3lx	2lx	2lx	2lx	1lx	1lx	1lx	1lx	1lx	1lx	1lx	1lx	0lx
17,6fcd	4,4fcd	2fcd	1,1fcd	0,7fcd	0,5fcd	0,4fcd	0,3fcd	0,2fcd	0,2fcd	0,1fcd	0,1fcd	0,1fcd	0,1fcd	0,1fcd	0,1fcd	0,1fcd	0,1fcd	0fcd	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°
189	188	185	181	175	168	159	150	138	126	113	99	84	69	53	37	21	9	2	1
100%	99%	98%	96%	93%	89%	84%	79%	73%	67%	60%	52%	45%	36%	28%	19%	11%	5%	1%	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°
189	188	186	182	176	169	160	150	140	127	115	101	87	72	57	43	28	16	7	3
100%	100%	98%	96%	93%	89%	85%	79%	74%	67%	61%	53%	46%	38%	30%	23%	15%	9%	3%	2%

### Intensities in 180° c-plane

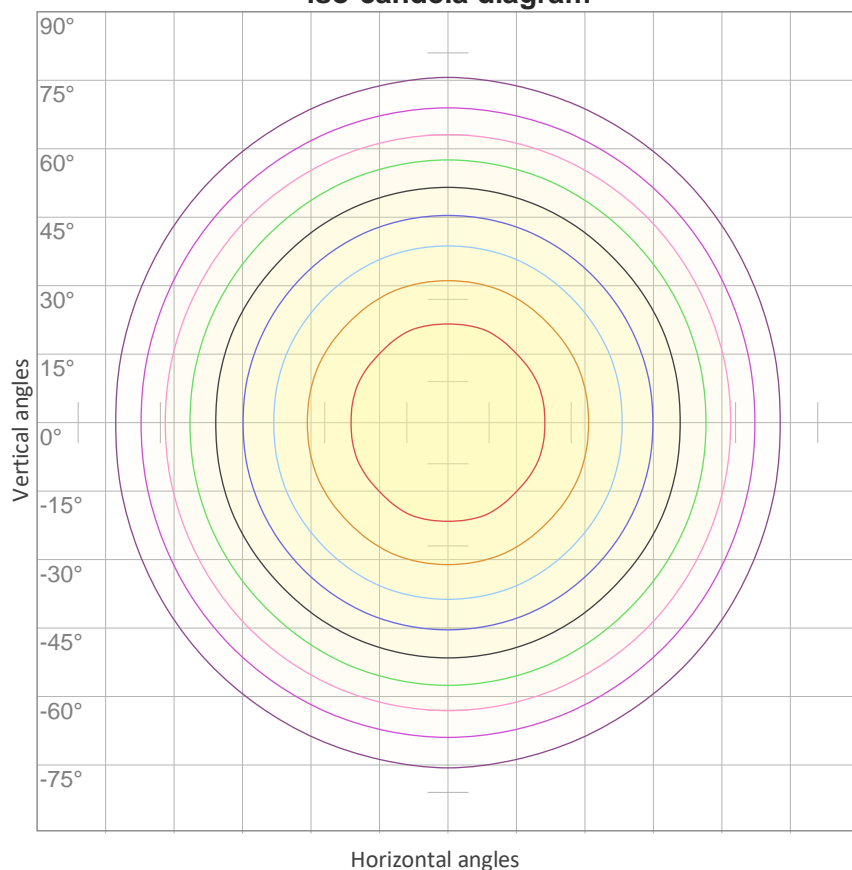
0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
189	188	185	181	175	168	159	150	138	126	113	99	84	69	53	37	21	9	2	1
100%	99%	98%	96%	93%	89%	84%	79%	73%	67%	60%	52%	45%	36%	28%	19%	11%	5%	1%	1%

### 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°
189	188	186	182	176	169	160	150	140	127	115	101	87	72	57	43	28	16	7	3
100%	100%	98%	96%	93%	89%	85%	79%	74%	67%	61%	53%	46%	38%	30%	23%	15%	9%	3%	2%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
113,7°	164,3°	178,3°	75,8%	50,4%

**iso-candela diagram**



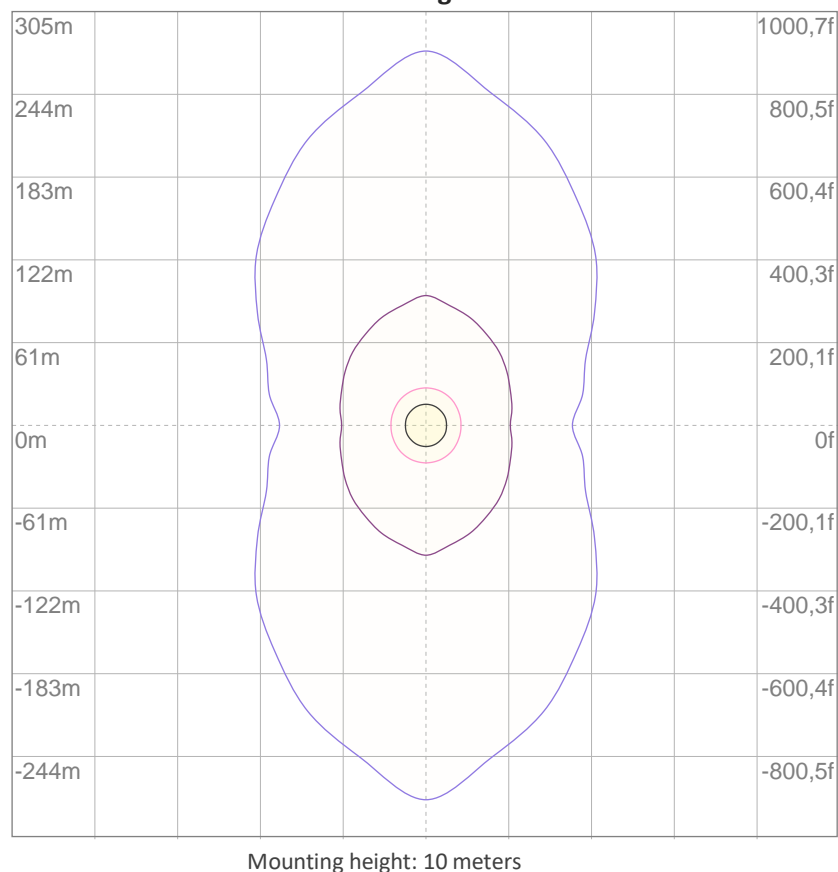
10%	19 cd
20%	38 cd
30%	57 cd
40%	76 cd
50%	95 cd
60%	113 cd
70%	132 cd
80%	151 cd
90%	170 cd

Conditions:

Number of c-planes: 16

Candela at center: 189 cd

**iso-lux diagram**



3%	56,7m lx
5%	94,6m lx
10%	0,189 lx
30%	0,567 lx
50%	0,946 lx

Conditions:

Number of c-planes: 16

Lux at center: 1,89 lx

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

**Potência**


**Vttagem: 12,0 V**

**Corrente: 0,960 A**

**Frequência: 0 Hz**

**FP: 0,99**

**THD**



**THD corrente: n/a**

**THD tensão: n/a**