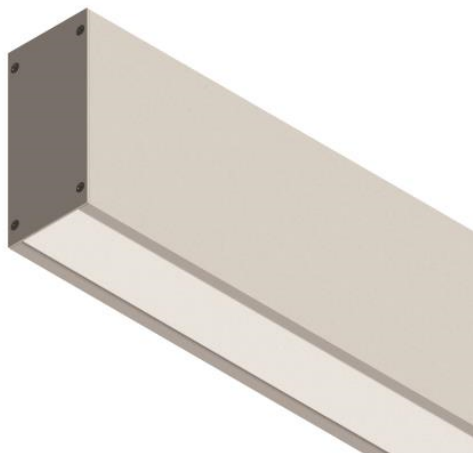


## W96 SLED9006 BRANCA FITA 19WM 4000K 80 - 1m



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 – 1248 lm/m

Potência – 18,2 W/m

Intensidade pico – 451cd

CCT – 3972K



IRC – 82,6

Coordenada CIE 1931 – x- 0,383 y- 0,380

A x L - 96x46

Peso - 1,43kg/m

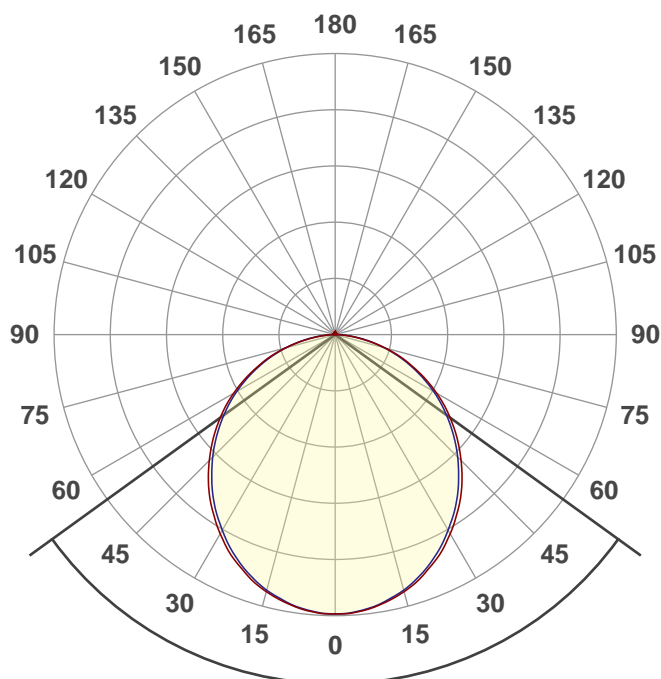
IP - 20 - Uso Interno

IK - 00 – Não aplicável

Alimentação - 12vdc

Data do ensaio

24/11/2020 11:52:08



Facho de abertura

**108,3°**

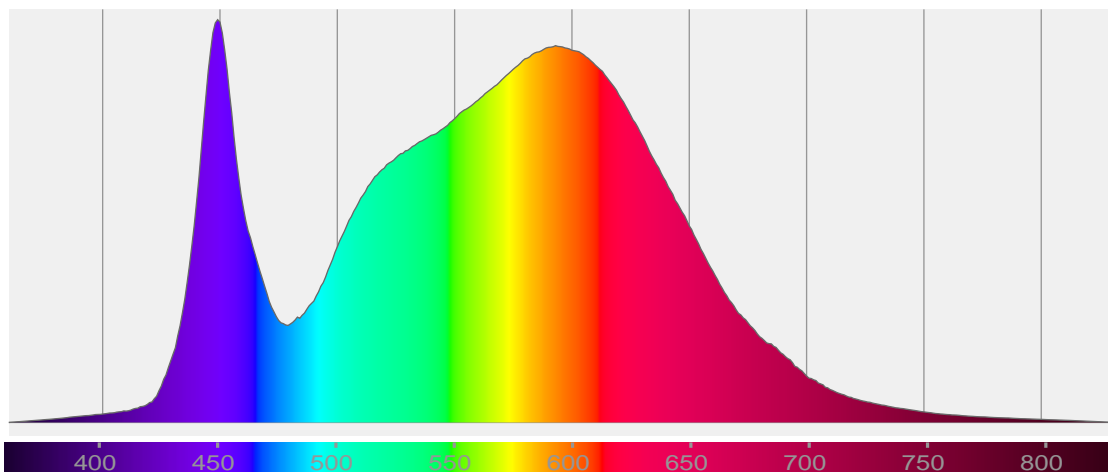
**Rf 83,9**

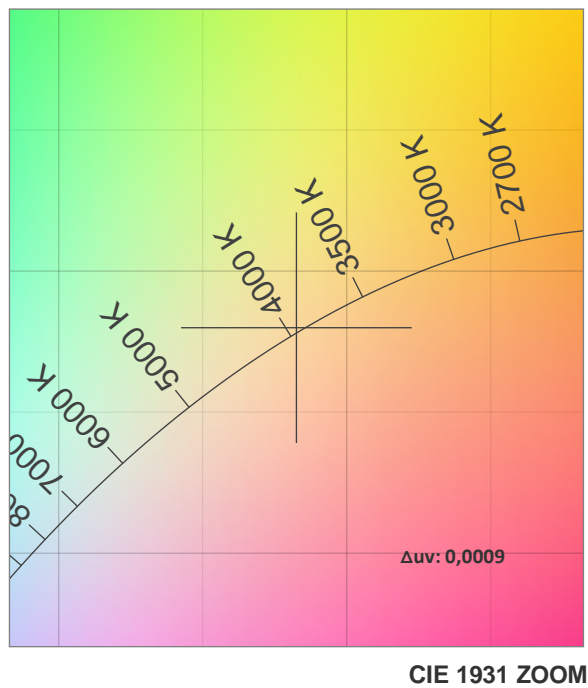
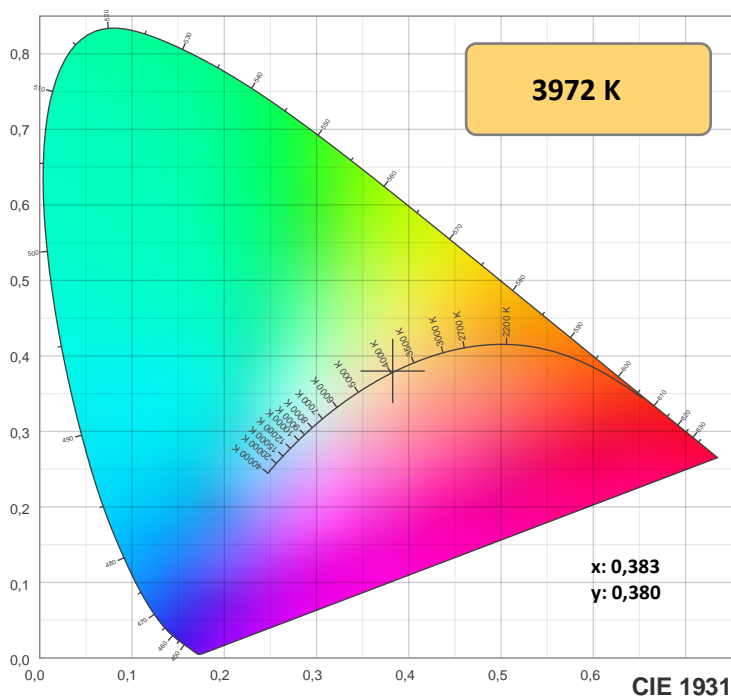
Fidelity index Rf

**Rg 96,5**

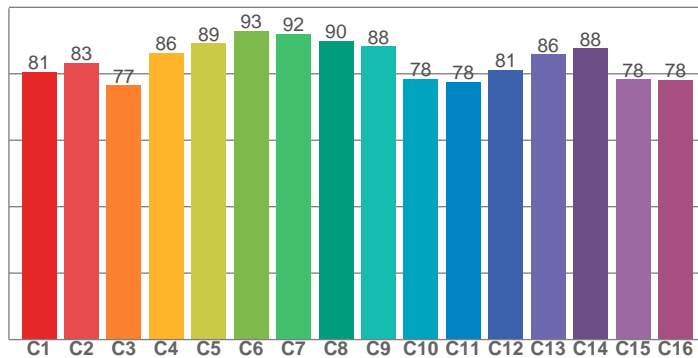
Gamut index Rg

Hue Bin	R <sub>f</sub>	Shifts (%)	
		Chroma	Hue
1	81	-12%	-1%
2	83	-8%	6%
3	77	-4%	12%
4	86	1%	9%
5	89	3%	5%
6	93	4%	-2%
7	92	-2%	-4%
8	90	-5%	-2%
9	88	-7%	3%
10	78	-8%	11%
11	78	1%	15%
12	81	6%	8%
13	86	8%	-5%
14	88	7%	-6%
15	78	0%	-16%
16	78	-5%	-13%

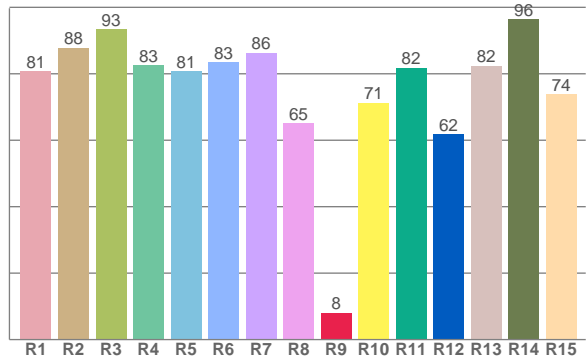




TM-30: 83,9



CRI: 82,6 (R1-R8)



CRIRA R1-R8 / CRIR R1-R15

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
80,8	87,8	93,5	82,6	80,8	83,4	86,4	65,1	81	71,3	81,8	61,7	82,4	96,4	73,9

TM30 valores C. 16 valores extraídos dos 99.

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
80,6	83,2	76,6	86,2	89,2	93,0	92,0	89,9	88,3	78,5	77,6	81,2	85,9	87,7	78,4	78,2

## 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
3972 K	82,6	8,1	83,9	96,5	82,1	0,383	0,380	0,225	0,336	0,0009

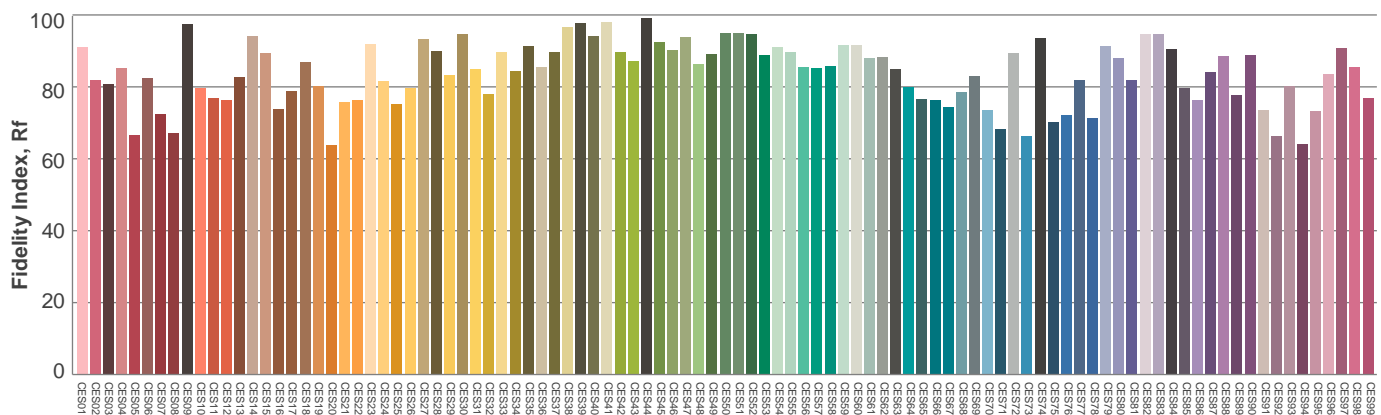
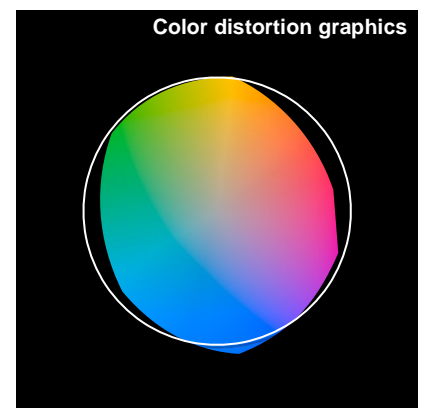
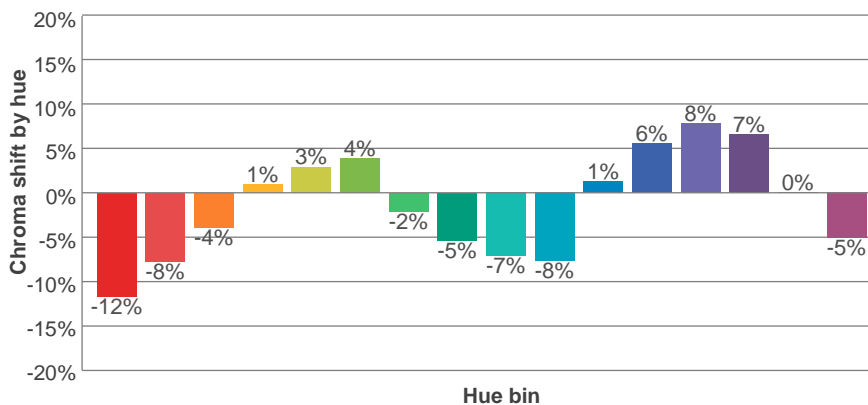
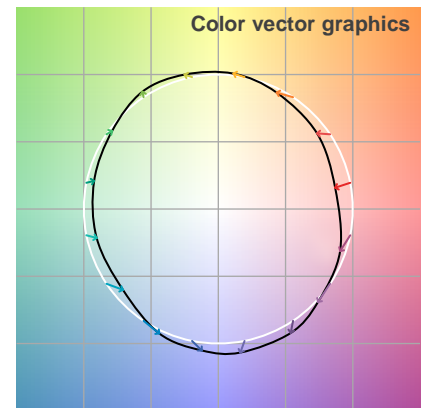
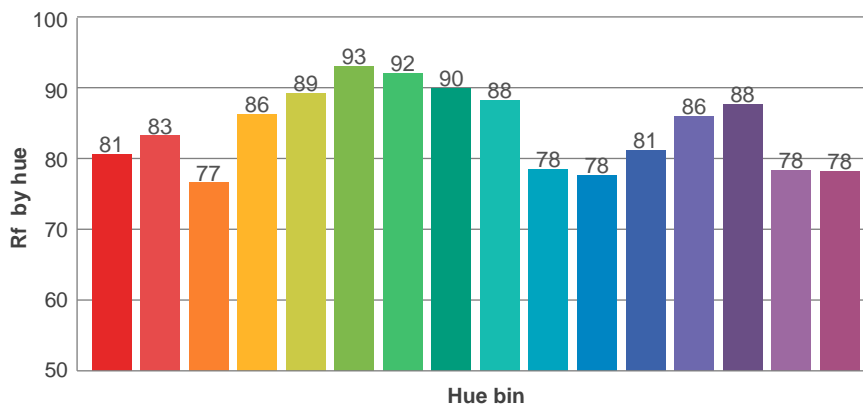
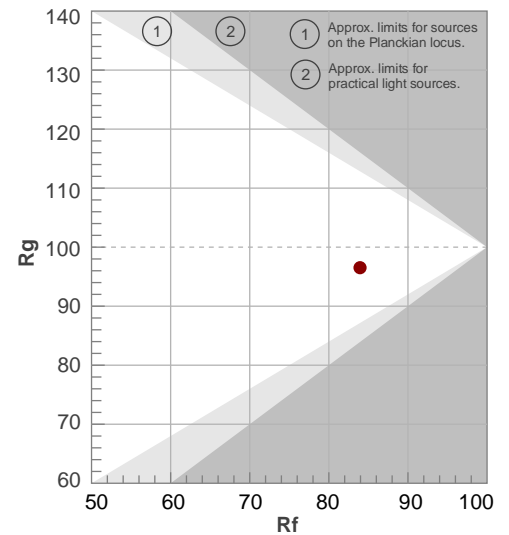
**Rf 83,9**

Fidelity index Rf

**Rg 96,5**

Gamut index Rg

Hue Bin	R <sub>f</sub>	Shifts (%)	
		Chroma	Hue
1	81	-12%	-1%
2	83	-8%	6%
3	77	-4%	12%
4	86	1%	9%
5	89	3%	5%
6	93	4%	-2%
7	92	-2%	-4%
8	90	-5%	-2%
9	88	-7%	3%
10	78	-8%	11%
11	78	1%	15%
12	81	6%	8%
13	86	8%	-5%
14	88	7%	-6%
15	78	0%	-16%
16	78	-5%	-13%



Avaliação todas as amostras de cores

Glare Evaluation According to UGR

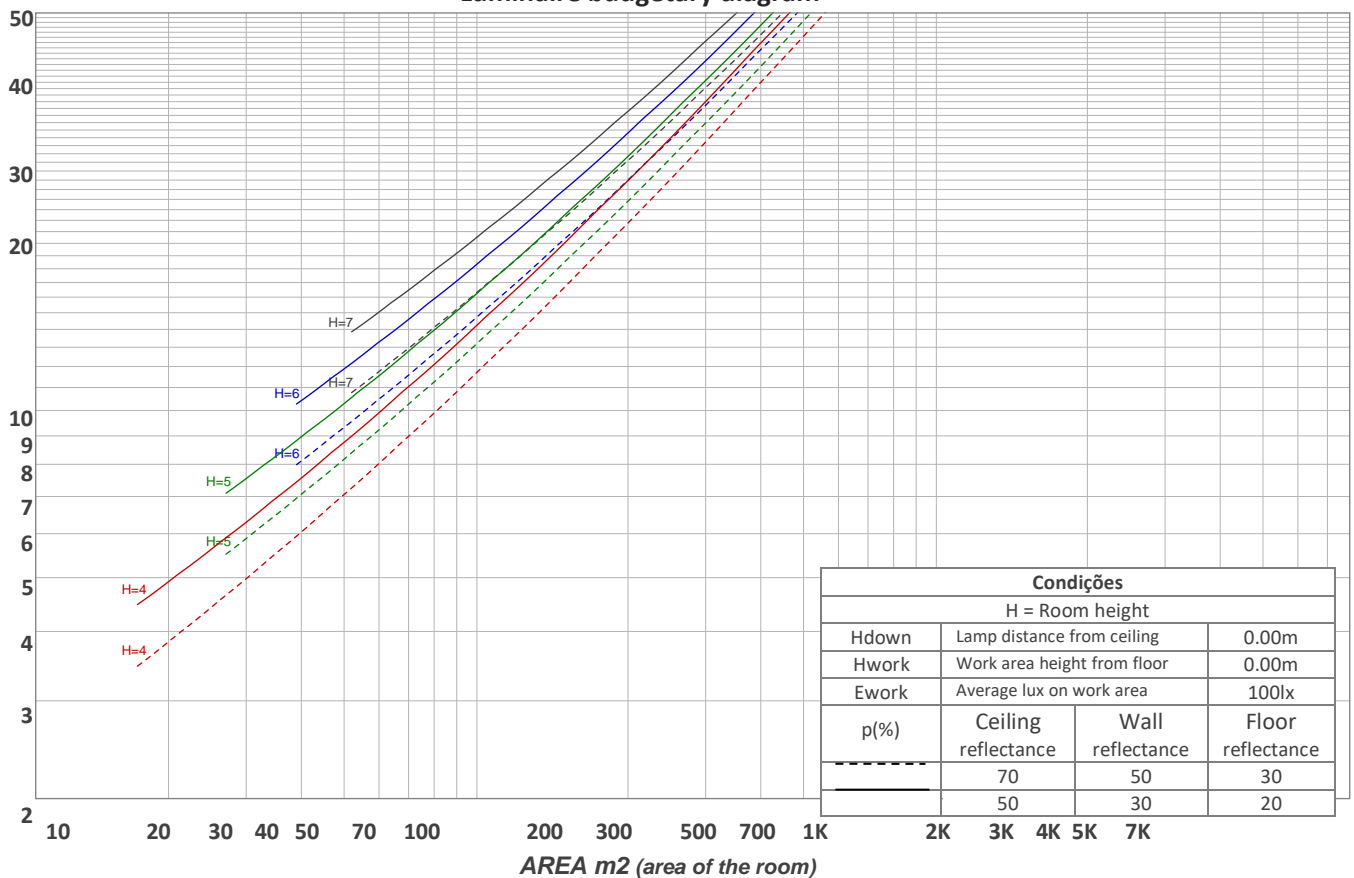
p Ceiling		70	70	50	50	30	70	70	50	50	30
p Walls		50	30	50	30	30	50	30	50	30	30
p Floor		20	20	20	20	20	20	20	20	20	20
Room size X    Y		Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H	2H	21,2	22,4	21,5	22,8	23,0	21,1	22,3	21,3	22,6	22,9
	3H	22,7	24,0	23,1	24,3	24,5	22,6	23,8	23,0	24,1	24,3
	4H	23,4	24,5	23,8	24,8	25,1	23,2	24,4	23,6	24,7	25,0
	6H	23,9	24,9	24,2	25,2	25,6	23,8	24,8	24,1	25,1	25,5
	8H	24,0	25,0	24,3	25,3	25,8	23,9	24,9	24,3	25,3	25,7
	12H	24,0	25,0	24,4	25,4	25,9	24,0	25,0	24,4	25,3	25,8
4H	2H	21,8	23,0	22,2	23,3	23,6	21,7	22,9	22,1	23,2	23,5
	3H	23,6	24,6	24,0	25,0	25,4	23,5	24,5	23,9	24,8	25,3
	4H	24,3	25,2	24,8	25,6	26,2	24,2	25,1	24,7	25,5	26,1
	6H	24,9	25,7	25,4	26,1	26,5	24,8	25,7	25,3	26,0	26,4
	8H	25,0	25,8	25,6	26,2	26,6	25,0	25,8	25,5	26,2	26,6
	12H	25,1	25,8	25,6	26,2	26,7	25,2	25,8	25,7	26,3	26,8
8H	4H	24,6	25,4	25,1	25,8	26,2	24,5	25,3	25,0	25,7	26,1
	6H	25,3	25,9	25,8	26,4	26,9	25,3	25,9	25,8	26,4	26,9
	8H	25,6	26,1	26,1	26,6	27,3	25,6	26,1	26,1	26,6	27,3
	12H	25,7	26,2	26,3	26,7	27,3	25,8	26,2	26,4	26,8	27,4
12H	4H	24,6	25,3	25,1	25,7	26,2	24,5	25,2	25,0	25,6	26,1
	6H	25,4	25,9	25,9	26,4	27,1	25,3	25,9	25,9	26,4	27,1
	8H	25,7	26,1	26,3	26,6	27,3	25,7	26,1	26,3	26,6	27,3
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 1248 lm total luminous flux											

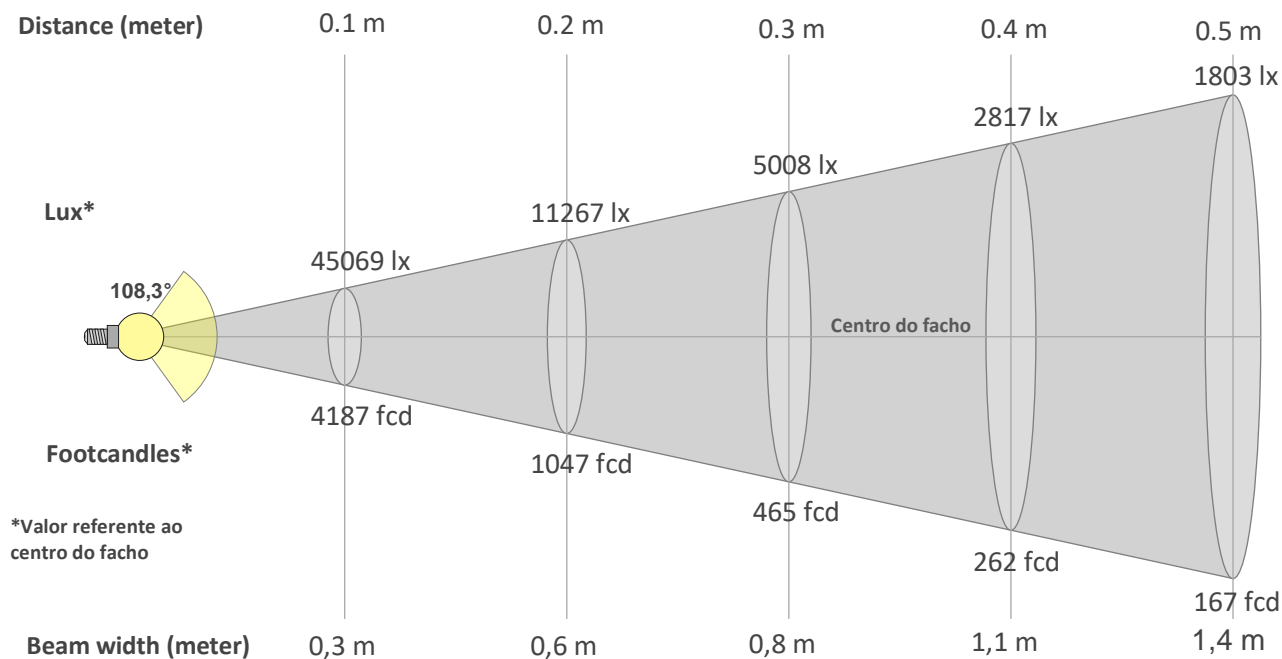
**Coeficiente de utilização**

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	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	83	78	96	88	82	77	85	79	75	81	77	73	78	74	71	69
3	90	79	71	65	87	78	70	64	74	68	63	72	66	61	69	64	60	58
4	82	70	61	55	80	69	61	54	66	59	53	64	58	53	61	56	52	50
5	76	63	54	47	73	62	53	47	59	52	46	57	51	46	55	50	45	43
6	70	57	48	41	68	56	47	41	54	46	40	52	45	40	50	44	40	37
7	65	51	43	36	63	50	42	36	49	41	36	47	41	36	46	40	35	33
8	60	47	38	32	59	46	38	32	45	37	32	43	37	32	42	36	32	30
9	56	43	35	29	55	42	34	29	41	34	29	40	33	29	39	33	28	27
10	53	40	32	27	52	39	32	26	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
451lx	113lx	50lx	28lx	18lx	13lx	9lx	7lx	6lx	5lx	4lx	3lx	3lx	2lx	2lx	2lx	2lx	1lx	1lx	1lx
41,9fcd	10,5fcd	4,7fcd	2,6fcd	1,7fcd	1,2fcd	0,9fcd	0,7fcd	0,5fcd	0,4fcd	0,3fcd	0,3fcd	0,2fcd	0,2fcd	0,2fcd	0,2fcd	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°
451	448	441	429	414	394	371	345	318	287	256	223	189	154	119	83	48	20	3	2
100%	99%	98%	95%	92%	87%	82%	77%	70%	64%	57%	50%	42%	34%	26%	18%	11%	4%	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°
451	447	439	427	410	389	364	338	310	279	248	216	183	149	115	82	50	22	4	2
100%	99%	97%	95%	91%	86%	81%	75%	69%	62%	55%	48%	41%	33%	26%	18%	11%	5%	1%	0%

### Intensities in 180° c-plane

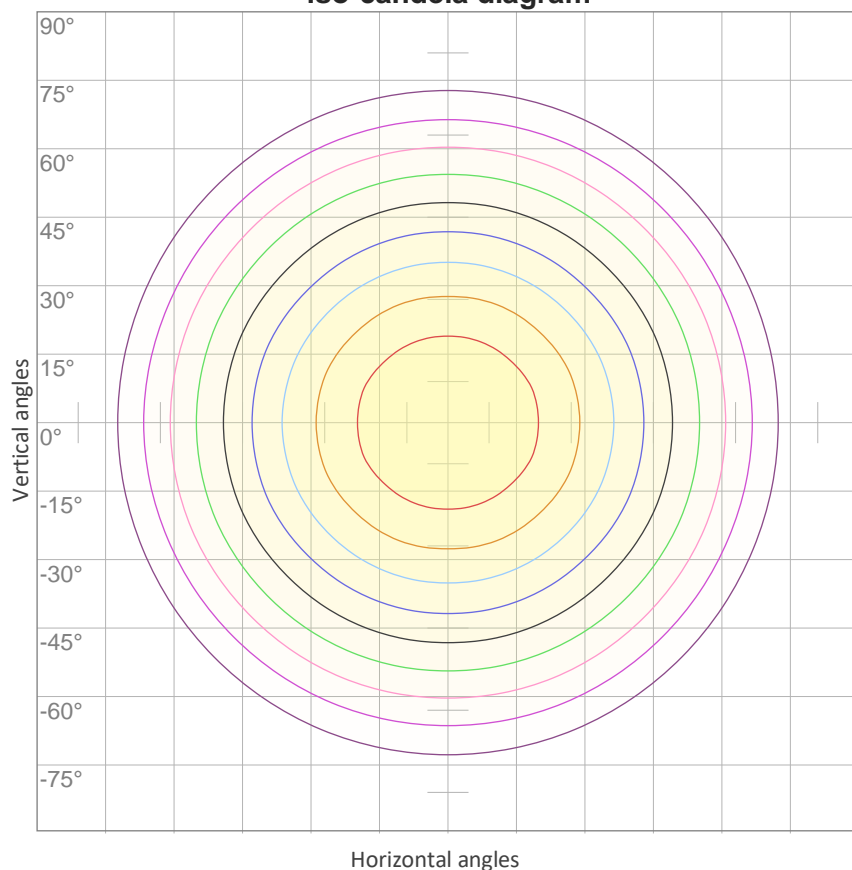
0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
451	448	441	429	414	394	371	345	318	287	256	223	189	154	119	83	48	20	3	2
100%	99%	98%	95%	92%	87%	82%	77%	70%	64%	57%	50%	42%	34%	26%	18%	11%	4%	1%	1%

### 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°
451	447	439	427	410	389	364	338	310	279	248	216	183	149	115	82	50	22	4	2
100%	99%	97%	95%	91%	86%	81%	75%	69%	62%	55%	48%	41%	33%	26%	18%	11%	5%	1%	0%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
108,3°	161,3°	174,1°	77,9%	53,5%

**iso-candela diagram**



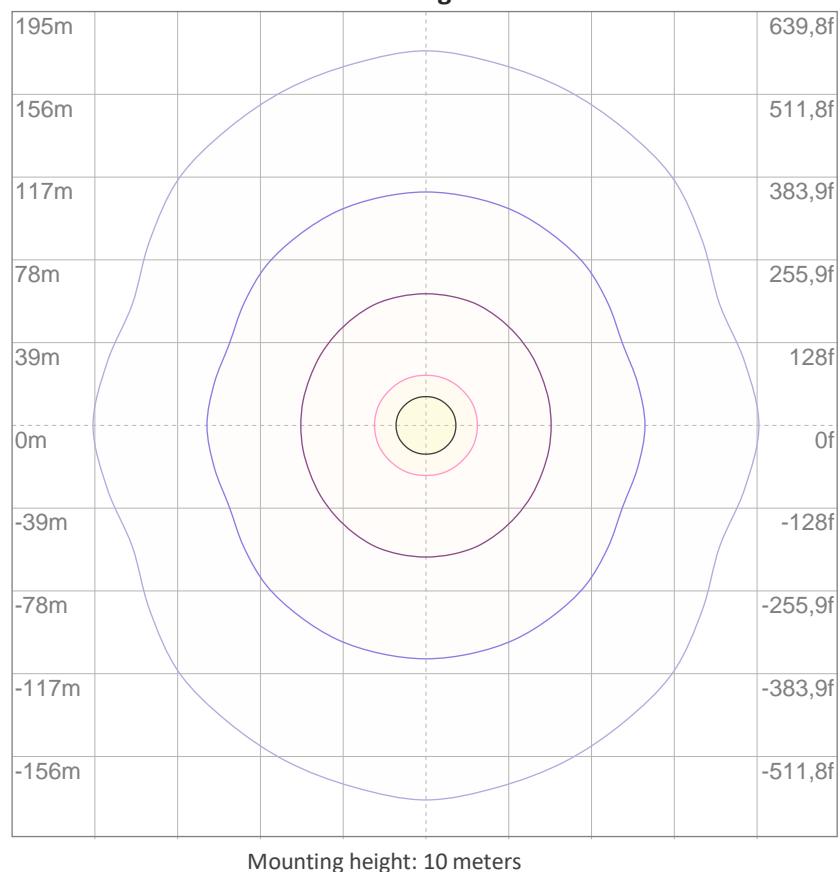
10%	45 cd
20%	90 cd
30%	135 cd
40%	180 cd
50%	225 cd
60%	270 cd
70%	315 cd
80%	361 cd
90%	406 cd

Conditions:

Number of c-planes: 16

Candela at center: 451 cd

**iso-lux diagram**



3%	0,135 lx
5%	0,225 lx
10%	0,451 lx
30%	1,35 lx
50%	2,25 lx

Conditions:

Number of c-planes: 16

Lux at center: 4,51 lx

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

**Potência**


**Vttagem: 12,0 V**

**Corrente: 1,52 A**

**Frequência: 0 Hz**

**FP: 1,0**

**THD**



**THD corrente: n/a**

**THD tensão: n/a**