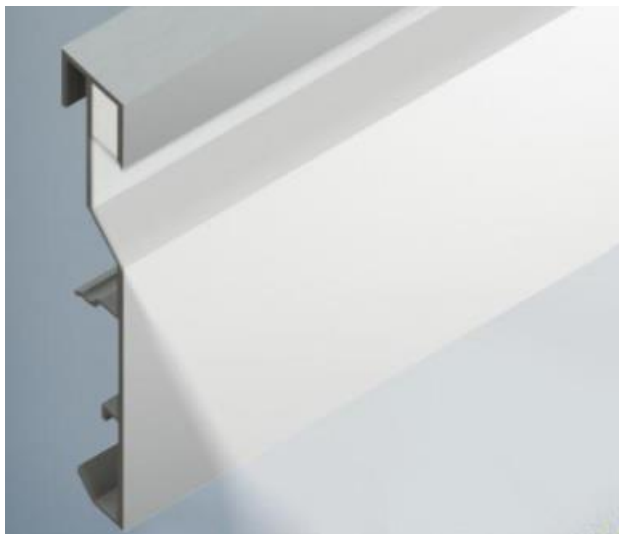


## R10 SLED9085 BRANCA FITA 9,6WM 5500K - 1m



Luminária linear roda pé na parede com iluminação difusa. Corpo em alumínio extrudado com acabamento na cor branca. Difusor em emborrachado leitoso. Indicado para residência, recepção, escritório etc.

Fluxo luminoso – 179 lm/m

Potência – 9,6 W/m

Intensidade pico – 87,1cd

CCT – 4565K



IRC – 81,6

Coordenada CIE 1931 – x- 0,359 y- 0,362

A x L - 15x100

Peso - 0,7kg/m

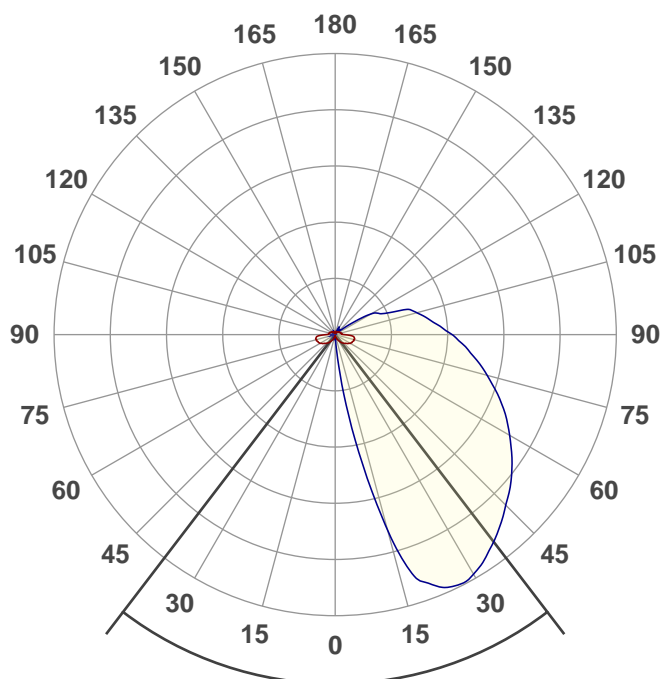
IP - 20 - Uso Interno

IK - 00 – Não aplicável

Alimentação - 12vdc

Data do ensaio

25/03/2021 13:48:08



Facho de abertura

**74,8°**

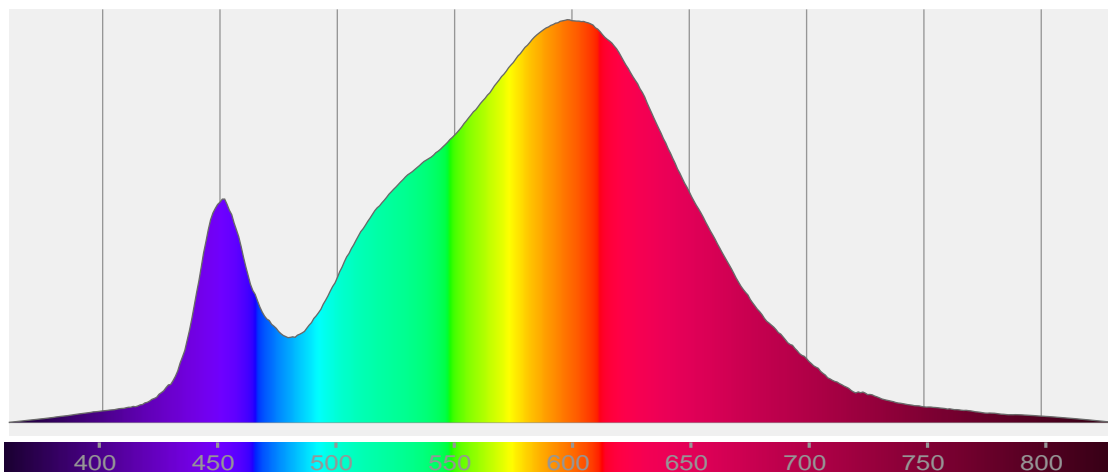
**Rf 84,5**

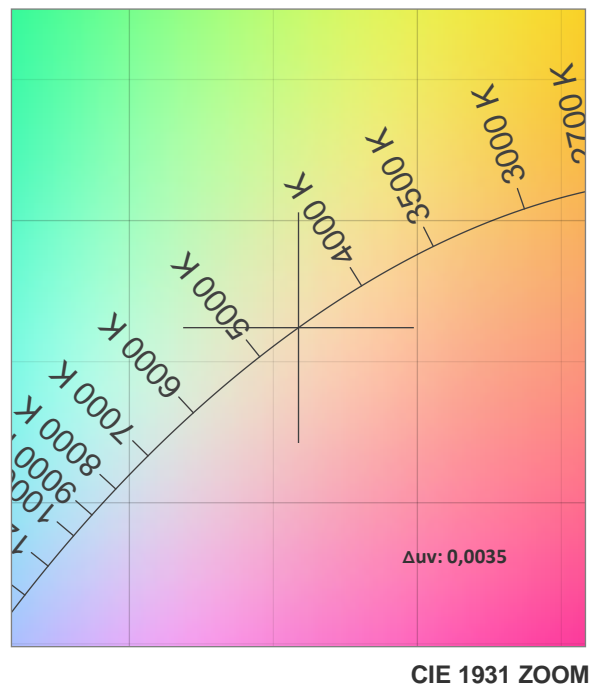
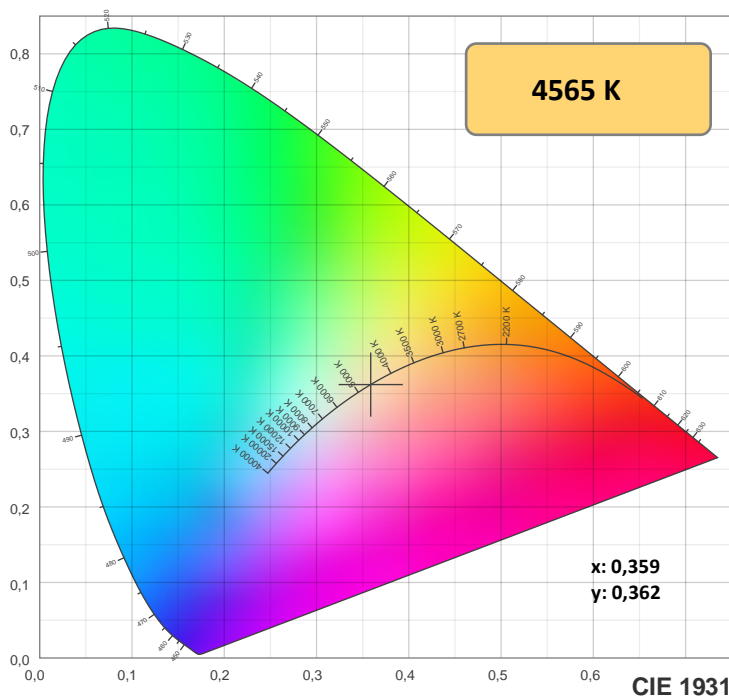
Fidelity index Rf

**Rg 95,4**

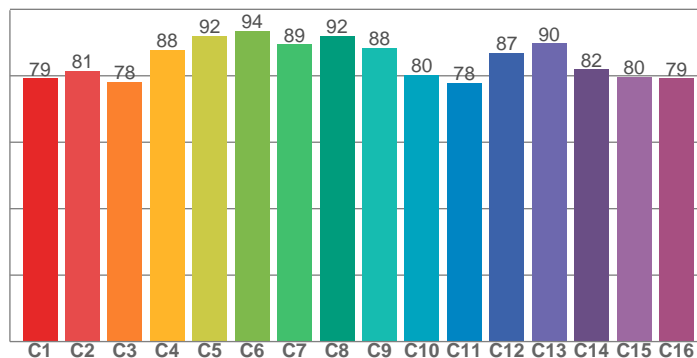
Gamut index Rg

Hue Bin	R <sub>f</sub>	Shifts (%)	
		Chroma	Hue
1	79	-12%	-1%
2	81	-9%	6%
3	78	-4%	11%
4	88	0%	8%
5	92	2%	4%
6	94	3%	-2%
7	89	-3%	-6%
8	92	-4%	-2%
9	88	-7%	3%
10	80	-7%	11%
11	78	0%	14%
12	87	7%	5%
13	90	5%	-4%
14	82	6%	-13%
15	80	-2%	-14%
16	79	-6%	-13%

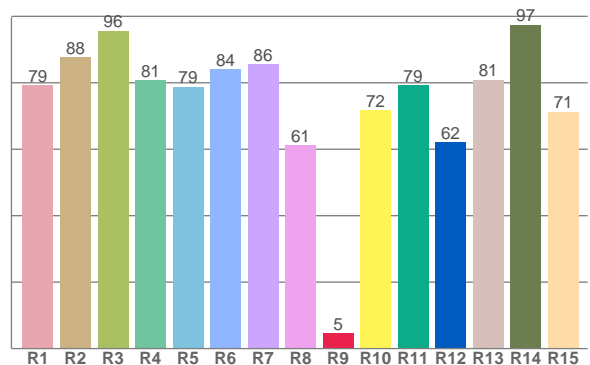




TM-30: 84,5



CRI: 81,6 (R1-R8)



CRIRA R1-R8 / CRIre R1-R15

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
79,2	87,7	95,7	80,8	78,8	84,1	85,5	61,1	4,6	71,7	79,3	62,2	80,9	97,5	71,2

TM30 valores C. 16 valores extraídos dos 99.

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
79,3	81,4	78,1	87,8	92,0	93,6	89,5	92,1	88,4	80,3	77,9	86,9	89,7	81,9	79,7	79,2

## 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	$\Delta uv$
4565 K	81,6	4,6	84,5	95,4	81,9	0,359	0,362	0,239	0,347	0,0035

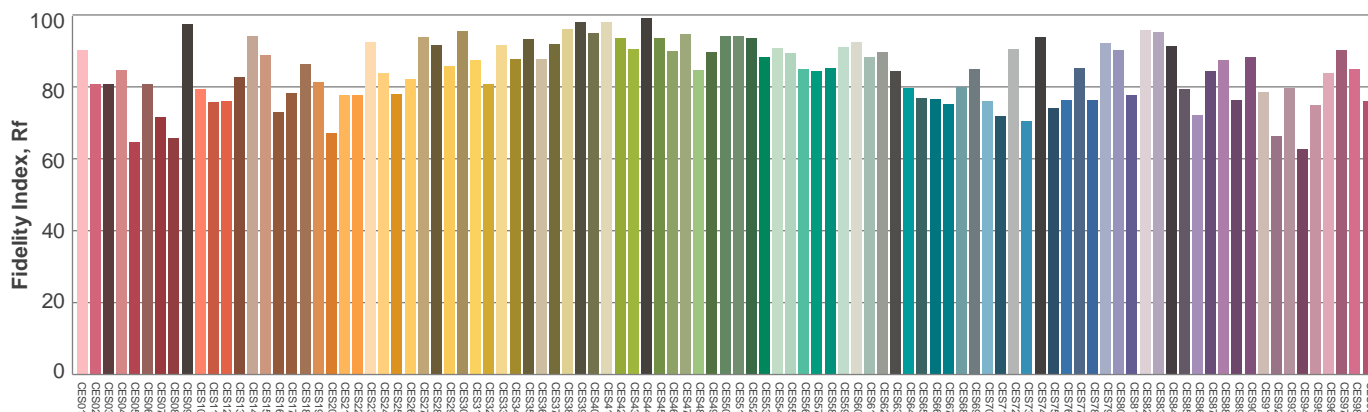
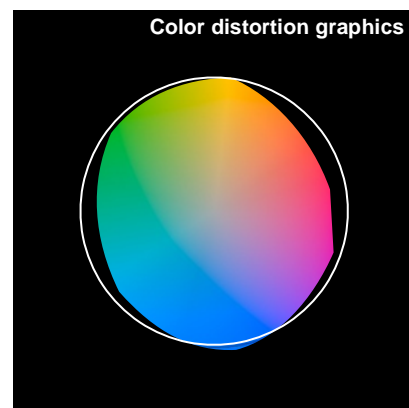
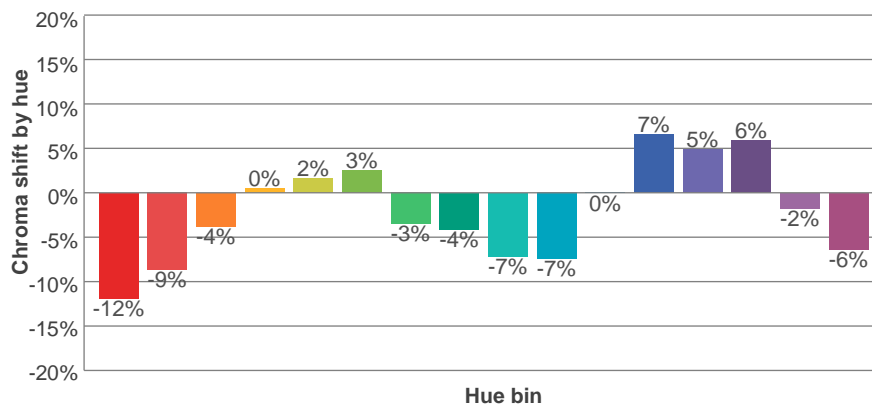
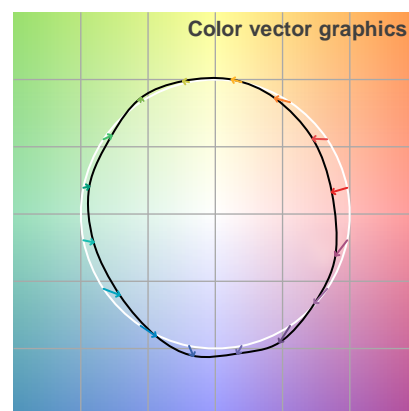
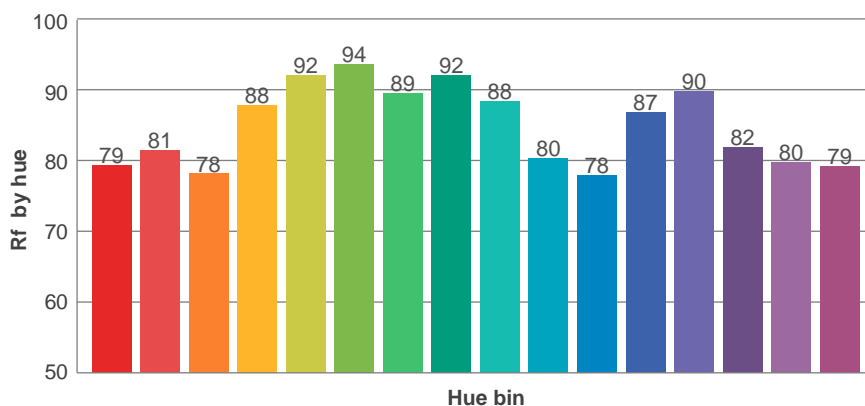
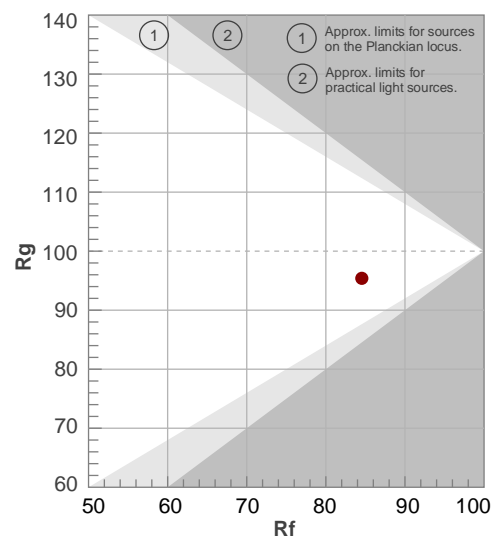
**Rf 84,5**

Fidelity index Rf

**Rg 95,4**

Gamut index Rg

Hue Bin	R <sub>i</sub>	Shifts (%)	
		Chroma	Hue
1	79	-12%	-1%
2	81	-9%	6%
3	78	-4%	11%
4	88	0%	8%
5	92	2%	4%
6	94	3%	-2%
7	89	-3%	-6%
8	92	-4%	-2%
9	88	-7%	3%
10	80	-7%	11%
11	78	0%	14%
12	87	7%	5%
13	90	5%	-4%
14	82	6%	-13%
15	80	-2%	-14%
16	79	-6%	-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				
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Variation of the observer position for the luminaire distance S										
n/a	n/a					n/a				
n/a	n/a					n/a				
n/a	n/a					n/a				
Standard table	n/a					n/a				
Correction summand	n/a					n/a				
Corrected glare indices referring to 179 lm total luminous flux										

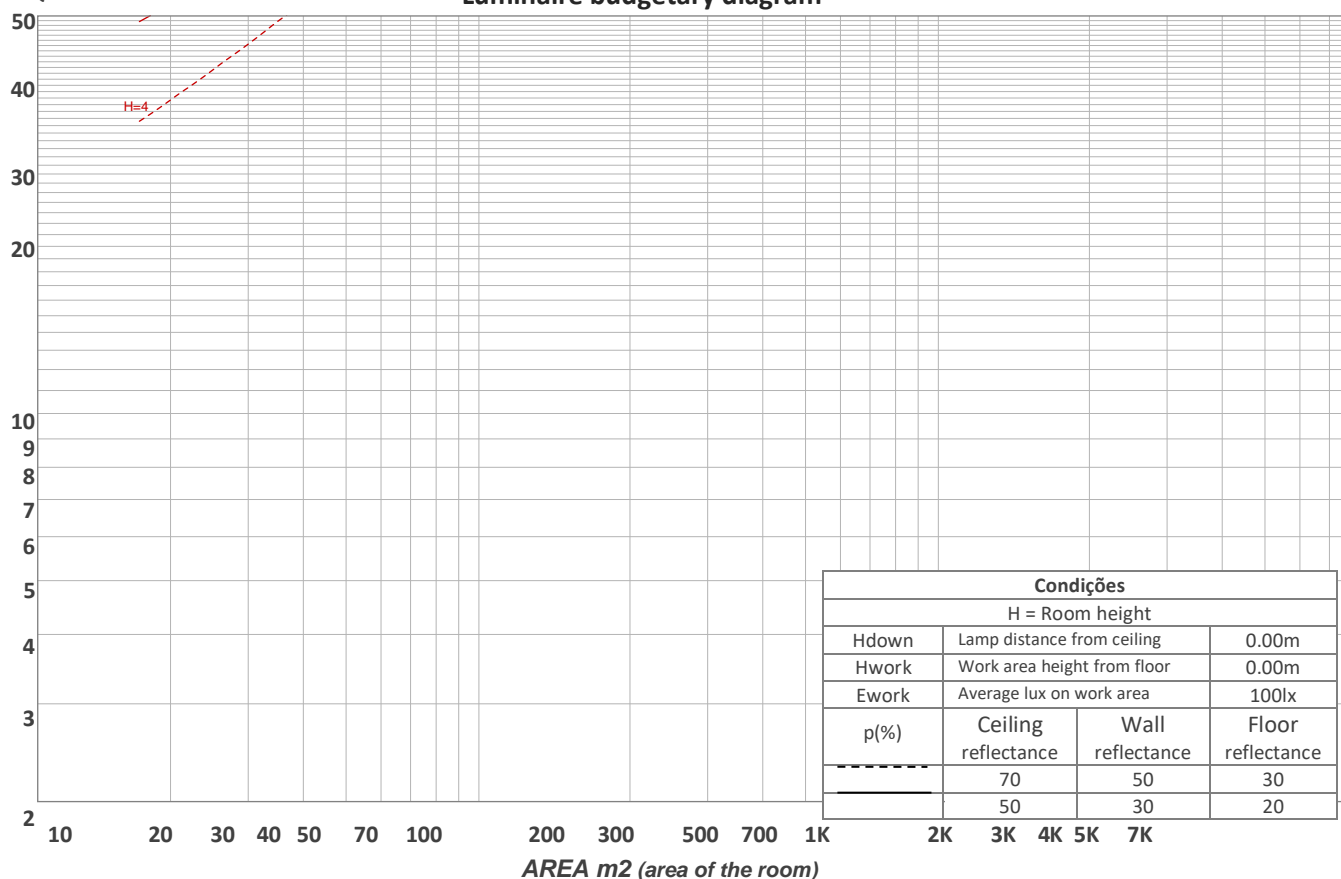
UGR data could not be calculated due to missing/wrong symmetry. Goto Edit->Photometric->Corrections and select Correct asymmetry.

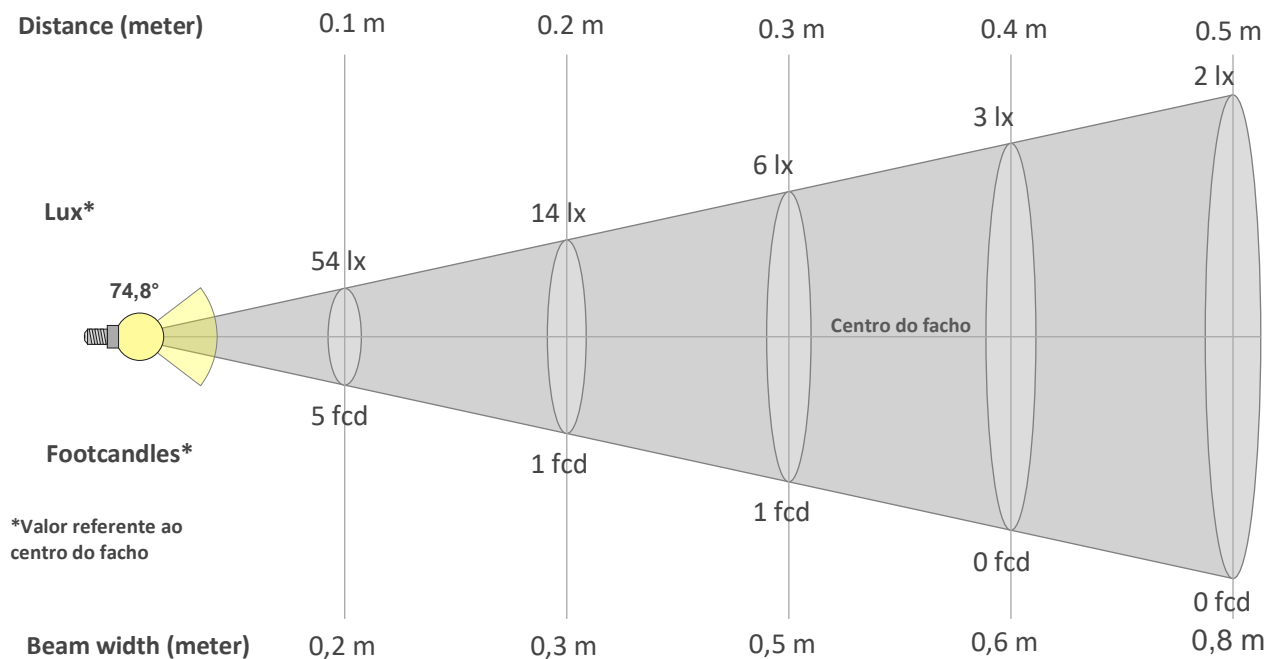
**Coeficiente de utilização**

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	102	102	102	94	94	94	86	86	86	83
1	100	94	88	83	96	90	84	80	82	78	74	75	72	69	69	66	64	60
2	89	79	70	63	85	75	68	61	69	63	57	63	58	53	57	53	49	46
3	80	67	58	50	76	64	56	48	59	51	45	54	48	42	49	44	39	36
4	72	58	48	41	68	56	47	39	51	43	37	47	40	34	42	37	32	29
5	66	51	41	33	62	49	40	32	45	37	31	41	34	29	37	31	27	24
6	60	45	35	28	57	43	34	27	40	32	26	36	29	24	33	27	23	20
7	55	40	31	24	52	39	30	23	36	28	22	33	26	21	30	24	19	17
8	51	36	27	21	48	35	26	20	32	24	19	29	23	18	27	21	17	14
9	47	33	24	18	45	32	23	17	29	22	16	27	20	15	25	19	15	12
10	44	30	21	16	42	29	21	15	27	19	14	24	18	14	22	17	13	11

**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
1lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx
0,1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	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°
0,54	0,57	0,62	0,96	1,22	1,78	2,16	2,73	3,38	3,82	4,21	4,87	5,47	5,80	5,98	6,02	6,09	5,49	2,89	1,99
100%	105%	114%	176%	224%	328%	398%	503%	622%	704%	775%	898%	1007%	1068%	1101%	1108%	1121%	1011%	532%	366%

### 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°
0,5	5,4	29,2	62,9	82,0	86,6	86,2	83,1	79,3	75,2	71,5	67,3	62,8	58,5	53,8	49,1	44,7	40,6	36,5	32,5
100%	999%	5370%	11590%	15101%	15945%	15883%	15300%	14610%	13855%	13174%	12396%	11572%	10779%	9913%	9038%	8225%	7469%	6719%	5985%

### Intensities in 180° c-plane

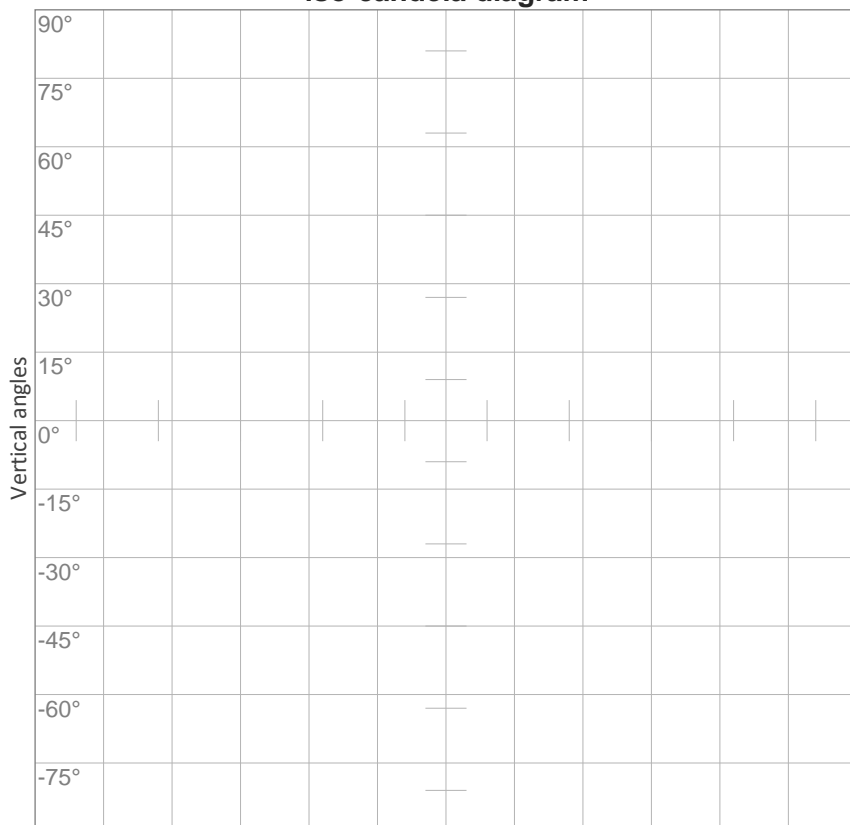
0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
0,54	0,57	0,62	0,96	1,22	1,78	2,16	2,73	3,38	3,82	4,21	4,87	5,47	5,80	5,98	6,02	6,09	5,49	2,89	1,99
100%	105%	114%	176%	224%	328%	398%	503%	622%	704%	775%	898%	1007%	1068%	1101%	1108%	1121%	1011%	532%	366%

### 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°
0,543	0,500	0,438	0,390	0,408	0,479	0,386	0,346	0,533	0,393	0,343	0,463	0,410	0,410	0,565	0,365	0,352	0,474	0,420	0,386
100%	92%	81%	72%	75%	88%	71%	64%	98%	72%	63%	85%	76%	76%	104%	67%	65%	87%	77%	71%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
74,8°	134°	171,2°	49,2%	28,1%

**iso-candela diagram**



Horizontal angles

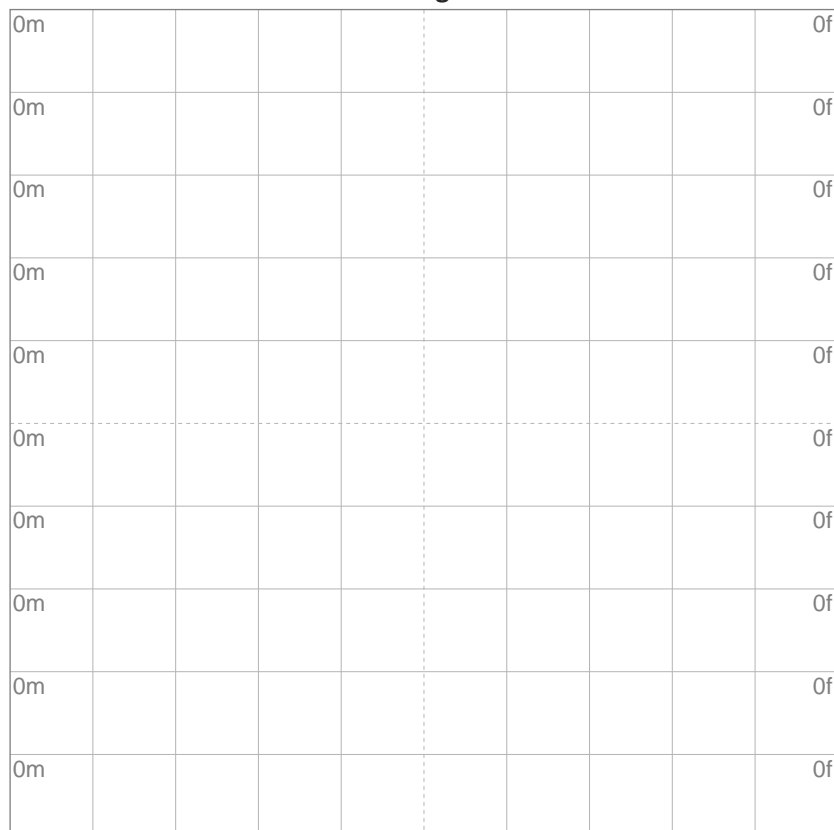
10%	0 cd
20%	0 cd
30%	0 cd
40%	0 cd
50%	0 cd
60%	0 cd
70%	0 cd
80%	0 cd
90%	0 cd

Conditions:

Number of c-planes: 16

Candela at center: 1 cd

**iso-lux diagram**



Mounting height: 10 meters

3%	163u lx
5%	271u lx
10%	543u lx
30%	1,63m lx
50%	2,71m lx

Conditions:

Number of c-planes: 16

Lux at center: 5,43m lx

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

**Potência**


**Vttagem: 12,0 V**

**Corrente: 0,800 A**

**Frequência: 0 Hz**

**FP: 1,0**

**THD**



**THD corrente: n/a**

**THD tensão: n/a**