

## W20 SLED9083 BRANCA FITA 19WM 5500K 80 - 1m



Luminária linear roda teto na parede com iluminação difusa up light. Corpo em alumínio extrudado com acabamento na cor branca. Difusor em acrílico extrudado leitoso. Indicado para residência, recepção, escritório etc. OBS.: Para o ensaio fotométrico o .ies tem que ser posicionado a uma distancia minima de 25mm do teto.

Fluxo luminoso – 1080 lm/m

Potência – 18,9 W/m

Intensidade pico – 442cd

CCT – 5815K



IRC – 85,0

Coordenada CIE 1931 – x- 0,326 y- 0,337

A x L - 26x42

Peso - 0,3kg/m

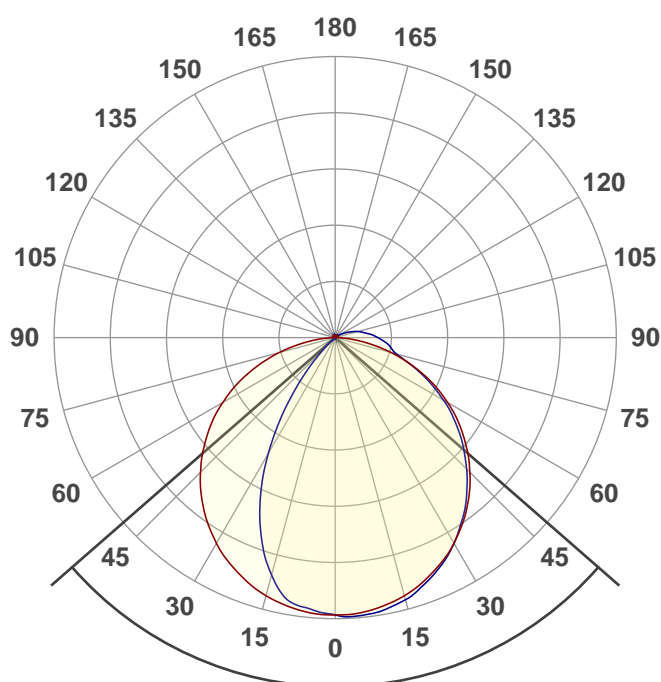
IP - 20 - Uso Interno

IK - 00 – Não aplicável

Alimentação - 12vdc

Data do ensaio

23/02/2023 16:12:51



Facho de abertura

**97,8°**

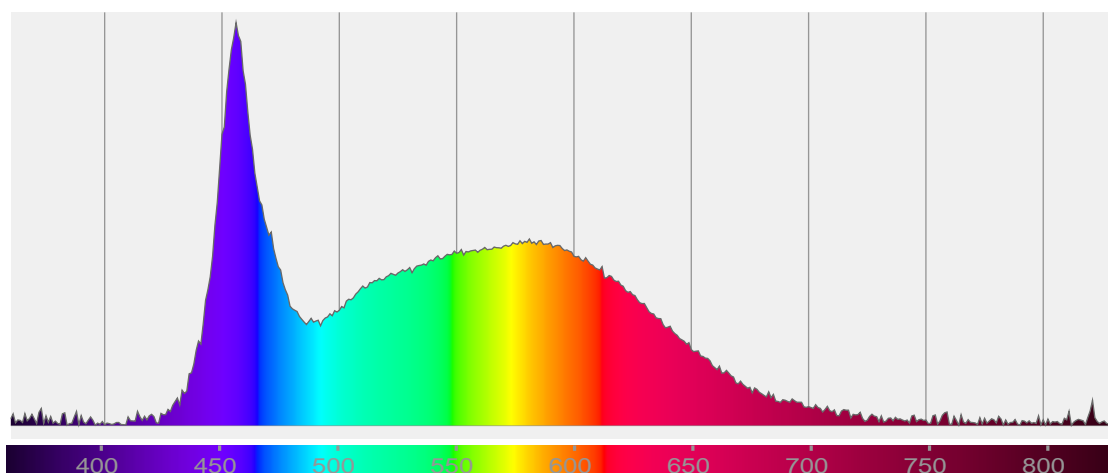
**Rf 82,6**

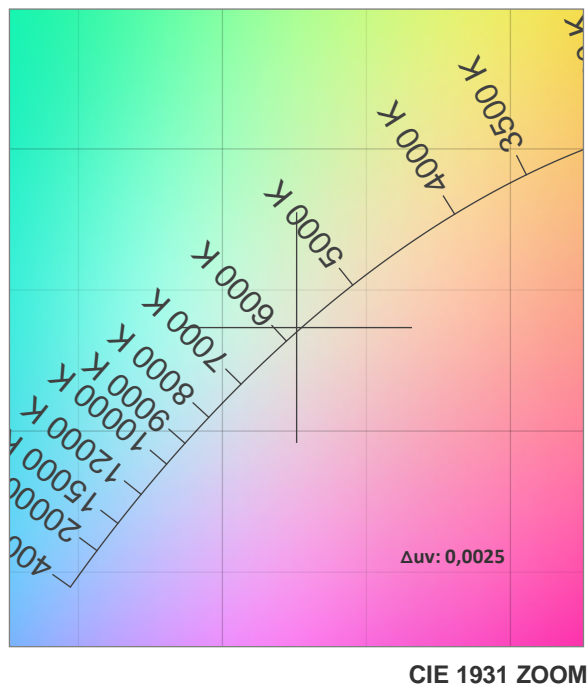
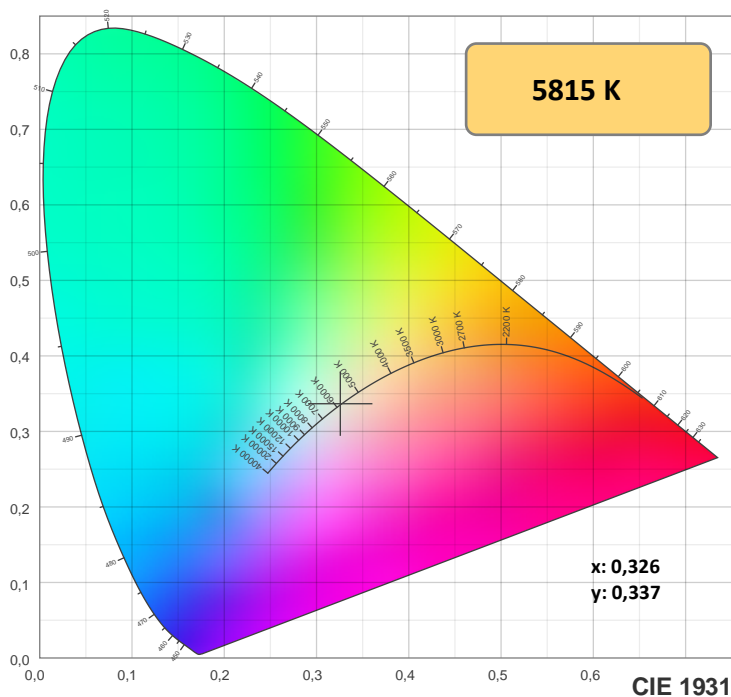
Fidelity index Rf

**Rg 92,3**

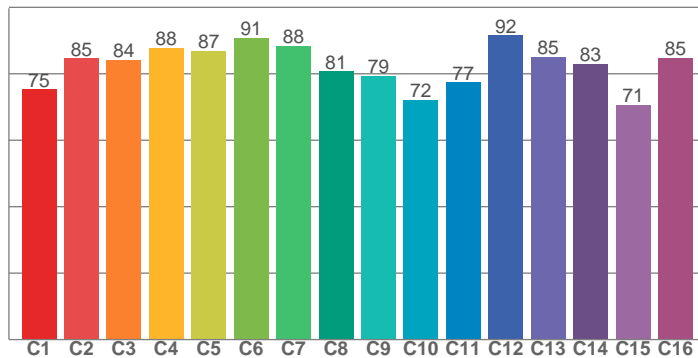
Gamut index Rg

Hue Bin	R <sub>f</sub>	Shifts (%)	
		Chroma	Hue
1	75	-12%	2%
2	85	-6%	6%
3	84	-4%	7%
4	88	-3%	2%
5	87	-6%	0%
6	91	-6%	-2%
7	88	-7%	0%
8	81	-9%	7%
9	79	-8%	17%
10	72	-2%	17%
11	77	5%	13%
12	92	5%	-1%
13	85	6%	-10%
14	83	0%	-10%
15	71	2%	-25%
16	85	-8%	-2%

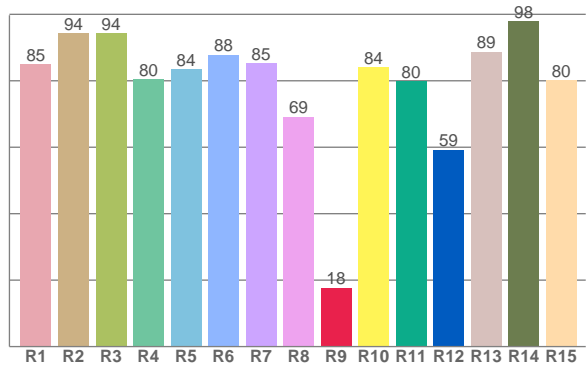




TM-30: 82,6



CRI: 85,0 (R1-R8)



CRIRA R1-R8 / CRIR R1-R15

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
84,9	94,4	94,4	80,4	83,5	87,9	85,3	69,2	17,7	84,1	79,9	59,2	88,8	97,9	80,1

TM30 valores C. 16 valores extraídos dos 99.

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
75,3	84,7	84,2	87,7	87,0	90,8	88,4	80,7	79,4	72,2	77,4	91,5	85,1	83,0	70,7	84,8

## 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	$\Delta uv$
5815 K	85,0	17,7	82,6	92,3	80,9	0,326	0,337	0,204	0,316	0,0025

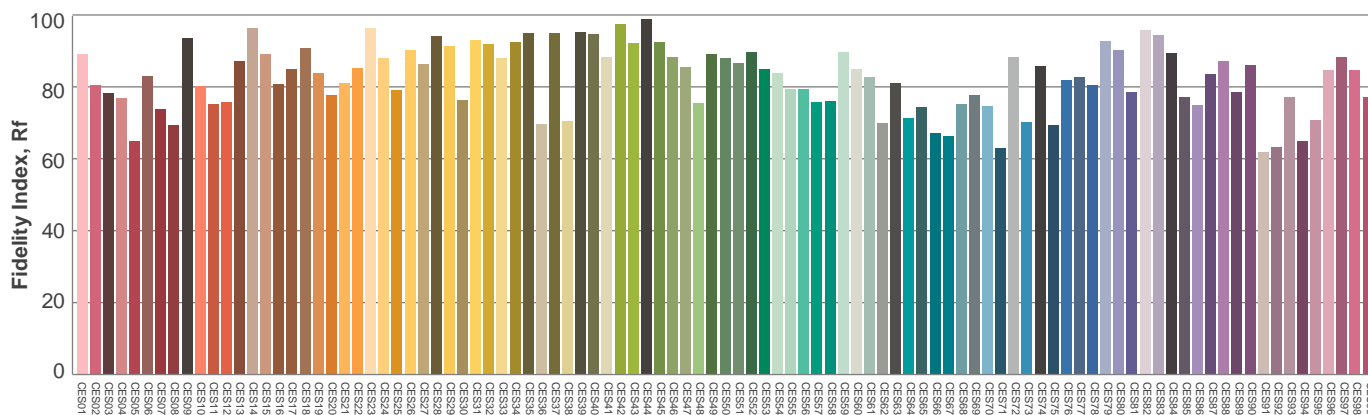
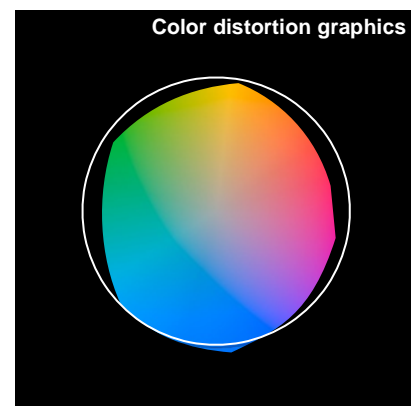
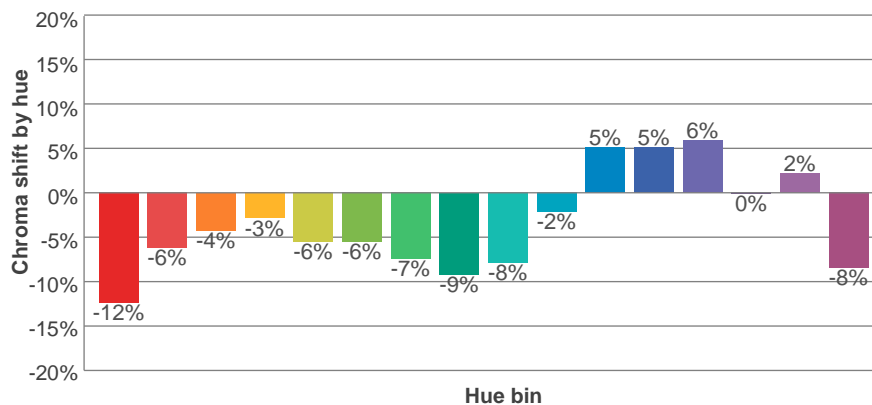
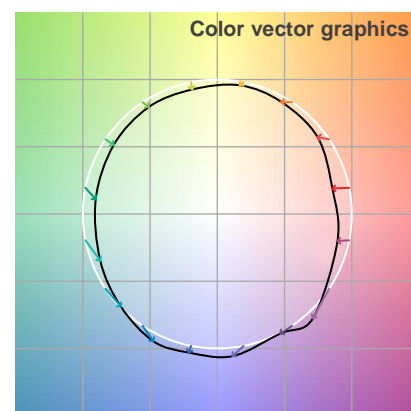
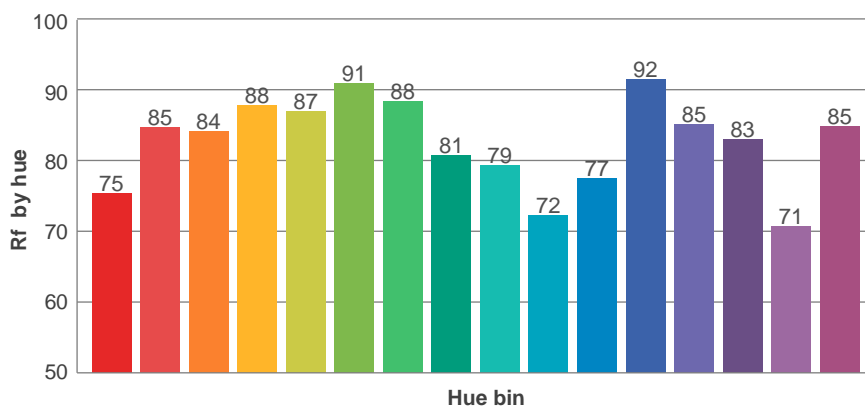
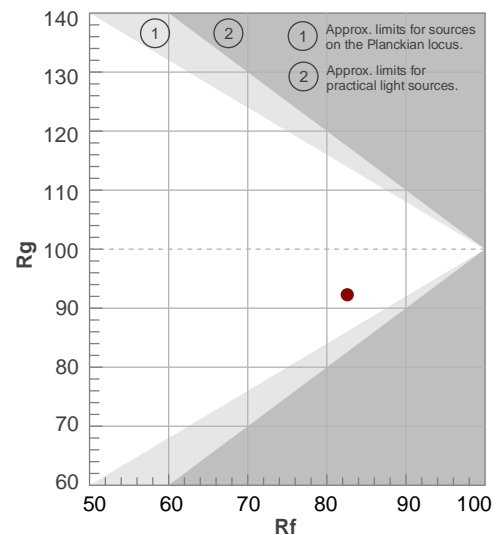
**Rf 82,6**

Fidelity index Rf

**Rg 92,3**

Gamut index Rg

Hue Bin	R <sub>i</sub>	Shifts (%)	
		Chroma	Hue
1	75	-12%	2%
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4	88	-3%	2%
5	87	-6%	0%
6	91	-6%	-2%
7	88	-7%	0%
8	81	-9%	7%
9	79	-8%	17%
10	72	-2%	17%
11	77	5%	13%
12	92	5%	-1%
13	85	6%	-10%
14	83	0%	-10%
15	71	2%	-25%
16	85	-8%	-2%



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 1080 lm total luminous flux										

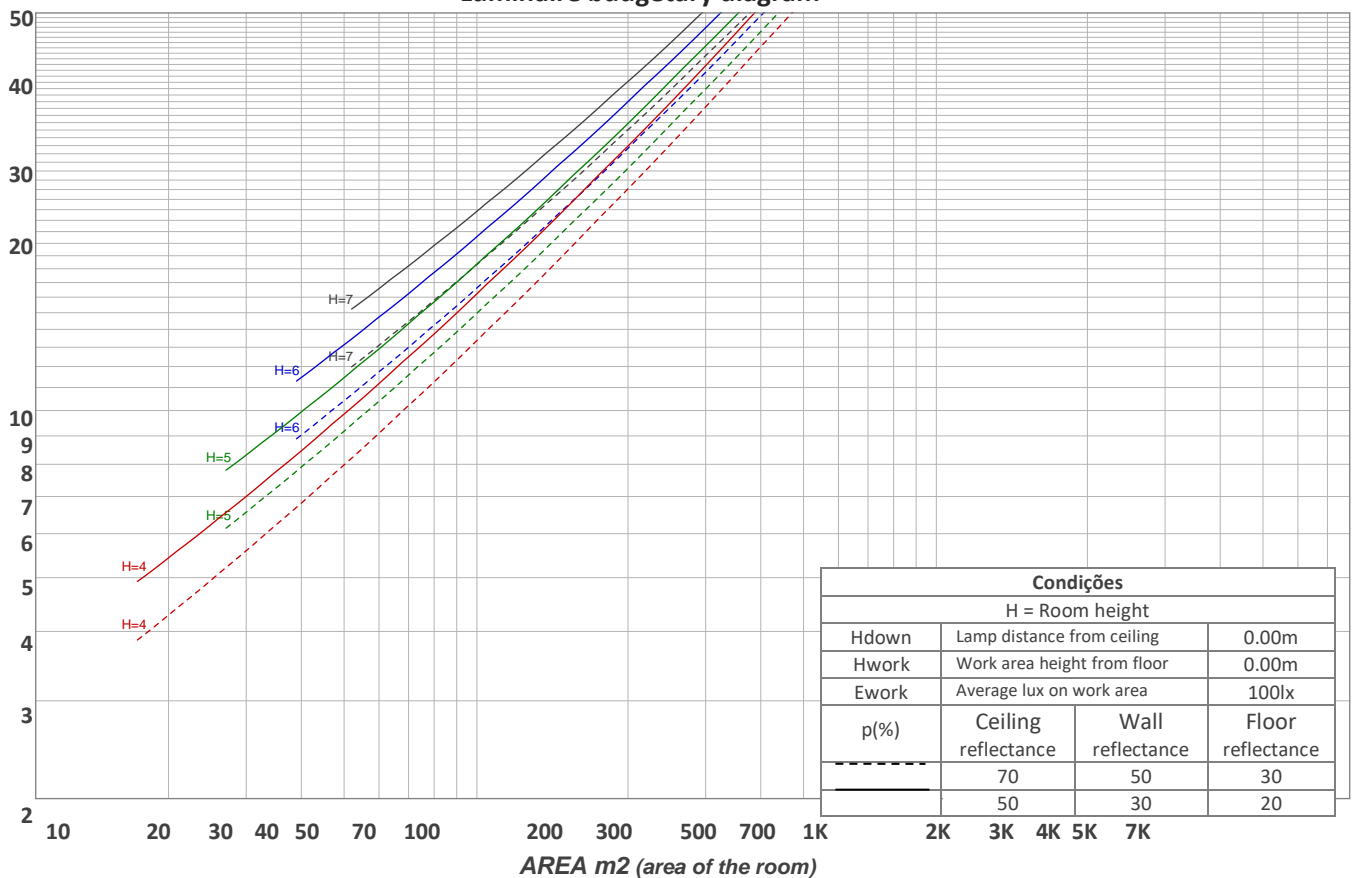
[www.misterled.com.br](http://www.misterled.com.br)

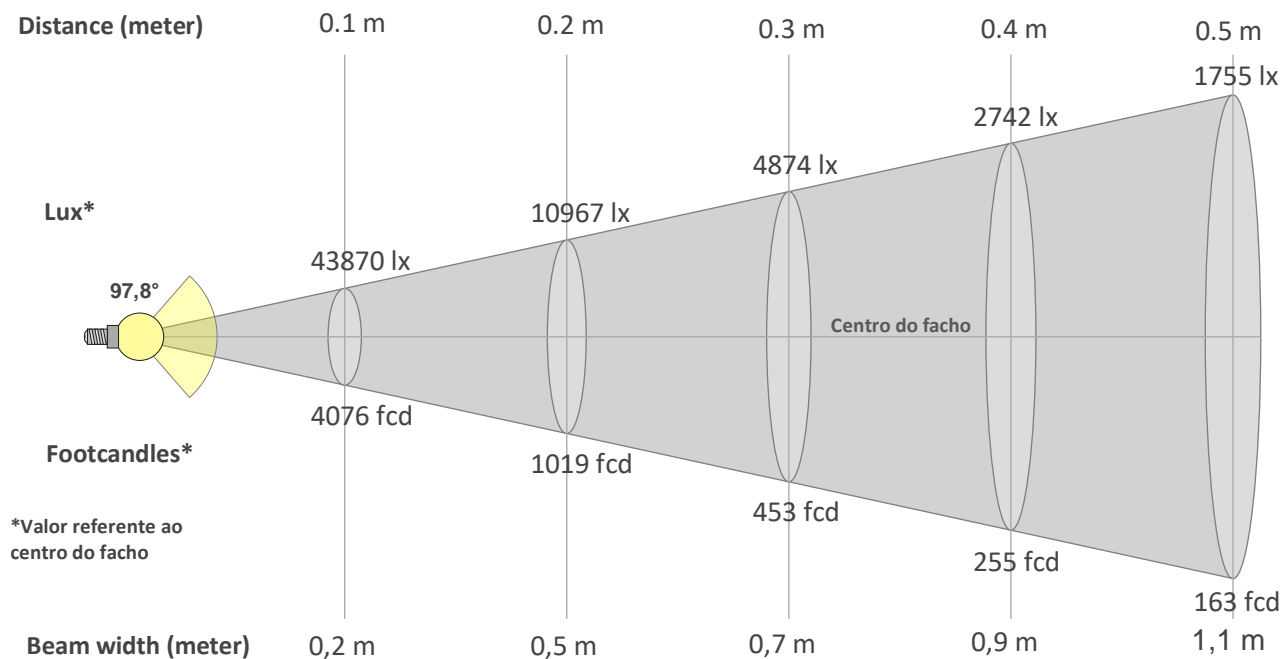
### Coeficiente de utilização

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	118	118	118	118	115	115	115	115	109	109	109	103	103	103	98	98	98	96
1	108	103	99	95	105	100	96	93	95	92	89	91	88	86	86	84	82	80
2	98	90	84	78	95	88	82	77	84	79	74	80	76	72	76	73	70	67
3	90	80	72	66	87	78	71	65	74	68	63	71	66	62	68	64	60	58
4	83	71	63	56	80	70	62	56	67	60	55	64	58	53	61	56	52	50
5	77	64	55	49	74	63	55	49	60	53	48	58	52	47	56	50	46	44
6	71	58	49	43	69	57	49	43	55	47	42	53	46	41	51	45	41	39
7	66	53	44	38	64	52	44	38	50	43	38	48	42	37	46	41	37	35
8	62	48	40	35	60	48	40	34	46	39	34	44	38	33	43	37	33	31
9	58	45	37	31	56	44	36	31	42	36	31	41	35	30	40	34	30	28
10	54	41	34	29	53	41	33	28	39	33	28	38	32	28	37	31	27	26

### 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
439lx	110lx	49lx	27lx	18lx	12lx	9lx	7lx	5lx	4lx	4lx	3lx	3lx	2lx	2lx	2lx	2lx	1lx	1lx	1lx
40,8fcd	10,2fcd	4,5fcd	2,5fcd	1,6fcd	1,1fcd	0,8fcd	0,6fcd	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°
439	437	431	423	410	394	376	354	329	301	271	240	205	169	131	92	54	23	4	3
100%	100%	98%	96%	93%	90%	86%	81%	75%	69%	62%	55%	47%	39%	30%	21%	12%	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°
439	442	438	429	415	397	376	351	324	294	264	231	198	163	129	100	89	79	67	57
100%	101%	100%	98%	94%	91%	86%	80%	74%	67%	60%	53%	45%	37%	29%	23%	20%	18%	15%	13%

### Intensities in 180° c-plane

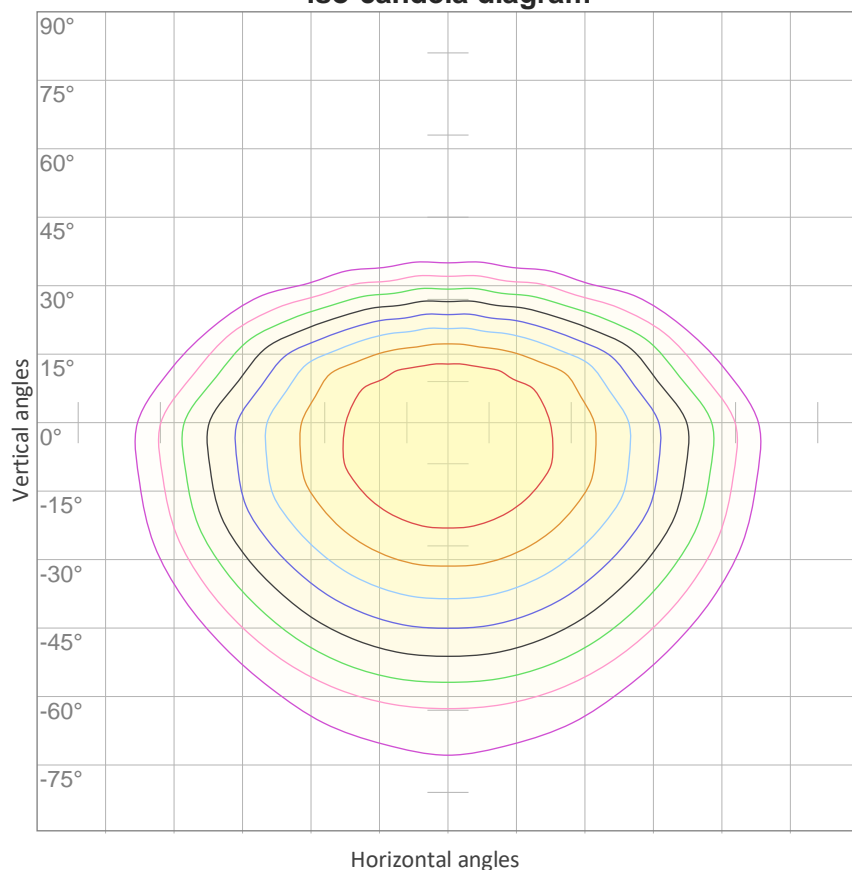
0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
439	437	431	423	410	394	376	354	329	301	271	240	205	169	131	92	54	23	4	3
100%	100%	98%	96%	93%	90%	86%	81%	75%	69%	62%	55%	47%	39%	30%	21%	12%	5%	1%	1%

### 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°
439	432	422	389	340	280	212	140	75	24	2	1	1	1	1	1	1	1	1	1
100%	98%	96%	89%	77%	64%	48%	32%	17%	6%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
97,8°	148,8°	172,9°	76,8%	56,0%

**iso-candela diagram**



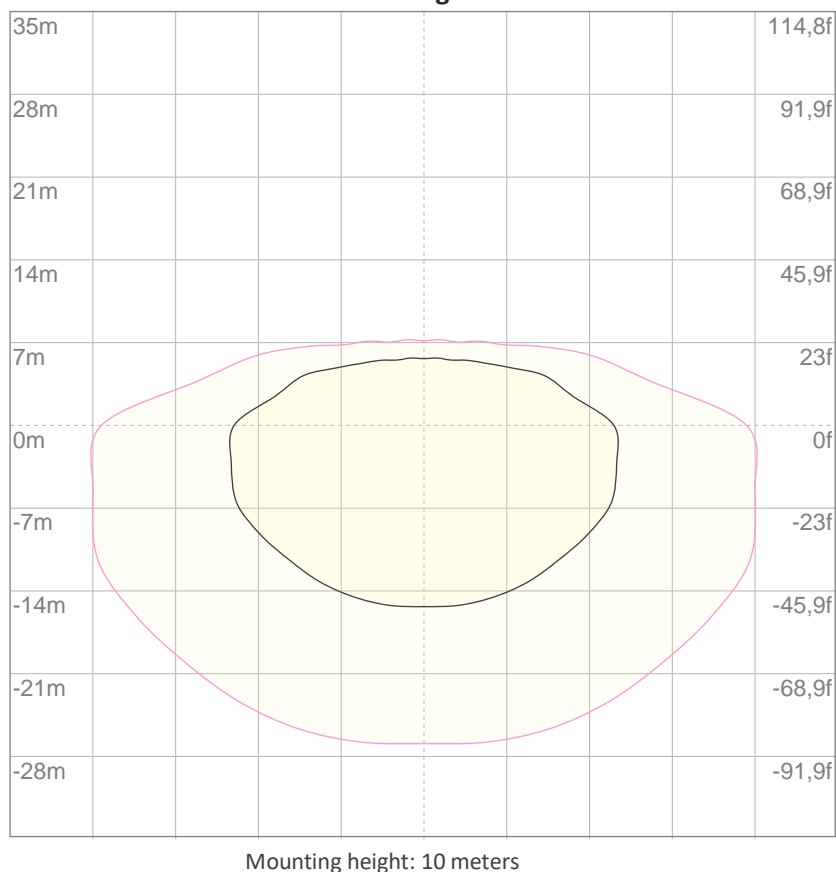
10%	44 cd
20%	88 cd
30%	132 cd
40%	175 cd
50%	219 cd
60%	263 cd
70%	307 cd
80%	351 cd
90%	395 cd

Conditions:

Number of c-planes: 16

Candela at center: 439 cd

**iso-lux diagram**



3%	0,132 lx
5%	0,219 lx
10%	0,439 lx
30%	1,32 lx
50%	2,19 lx

Conditions:

Number of c-planes: 16

Lux at center: 4,39 lx

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

**Potência**


**Vttagem: 12,0 V**

**Corrente: 1,57 A**

**Frequência: 0 Hz**

**FP: 1,0**

**THD**



**THD corrente: n/a**

**THD tensão: n/a**