

## 9003 SLED9003U BRANCA FITA 9,6WM 2700K 80 - 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 – 748 lm/m

Potência – 9,6 W/m

Intensidade pico – 166cd

CCT – 2673K



IRC – 83,9

Coordenada CIE 1931 – x- 0,464 y- 0,414

A x L - 21x24

Peso - 0,2kg/m

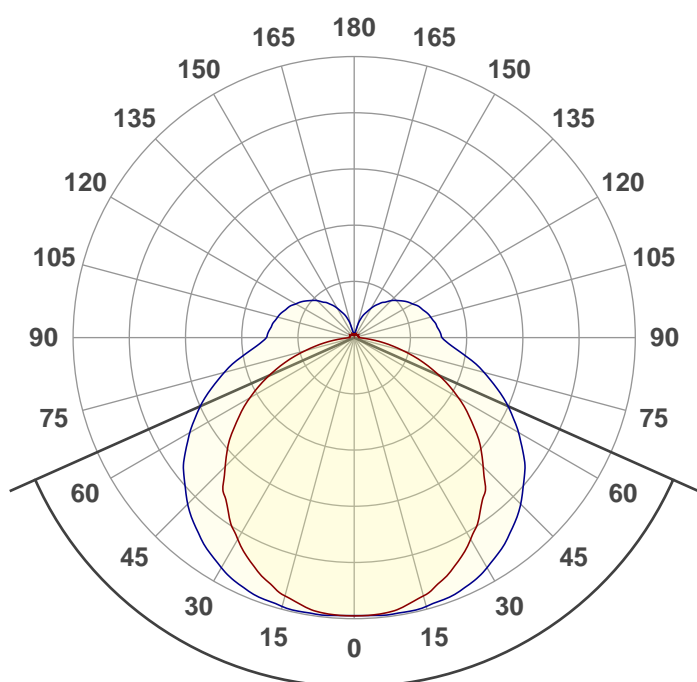
IP - 20 - Uso Interno

IK - 00 – Não aplicável

Alimentação - 12vdc

Data do ensaio

25/02/2022 09:05:50



Facho de abertura

**131,9°**

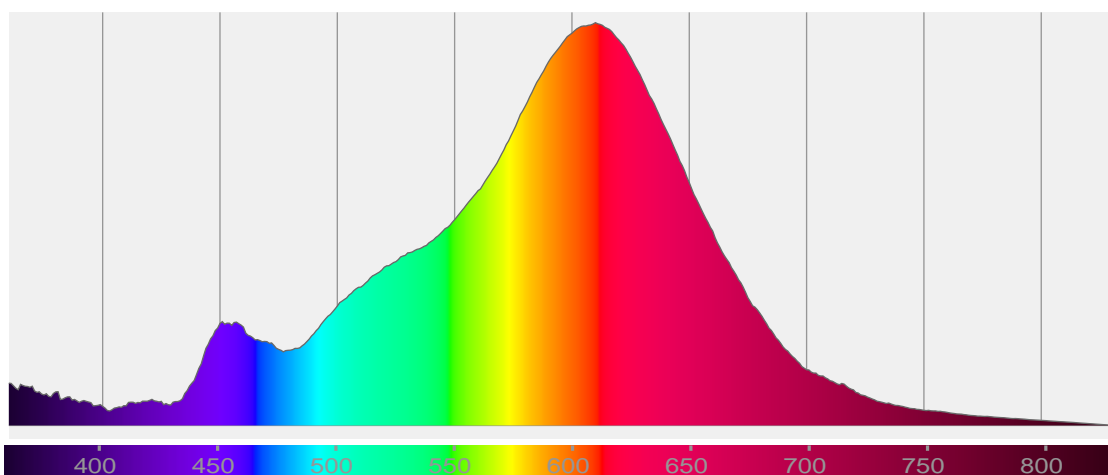
**Rf 87,4**

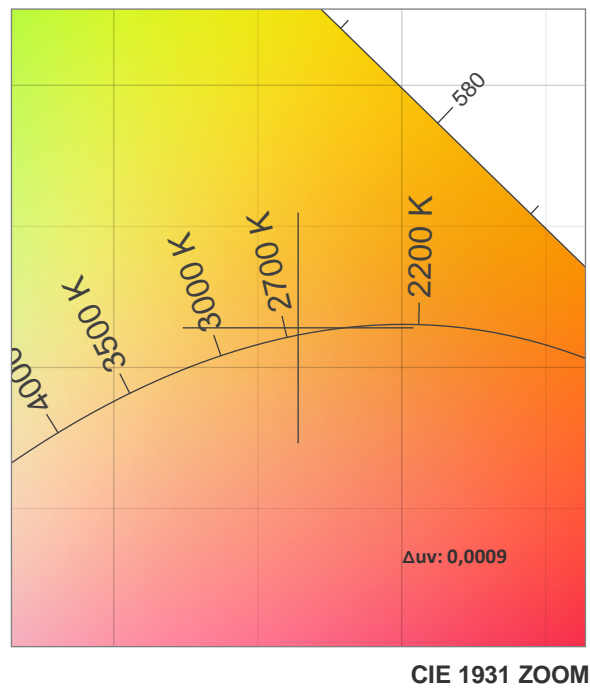
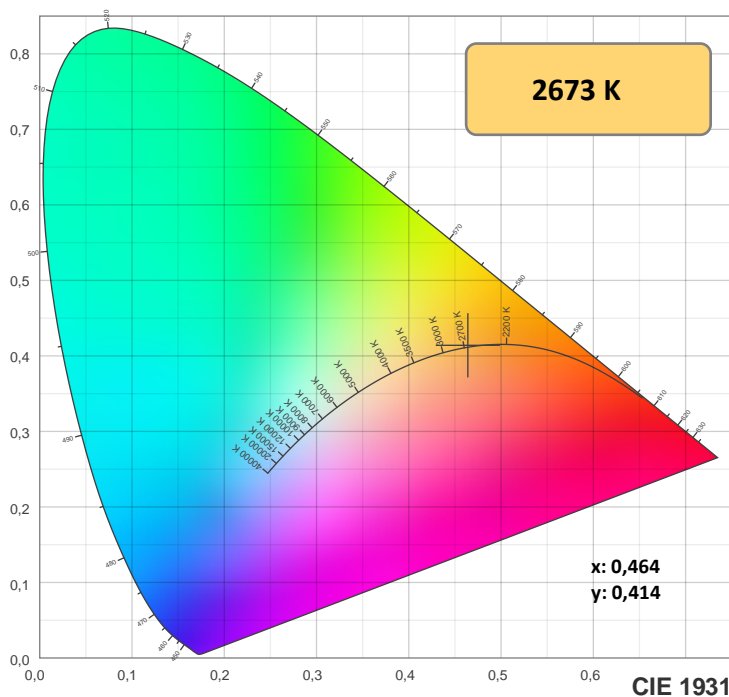
Fidelity index Rf

**Rg 94,3**

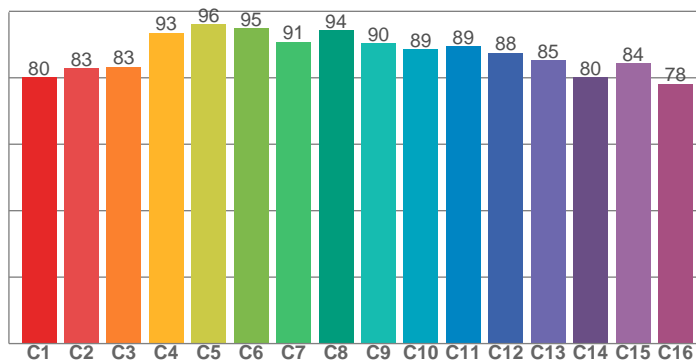
Gamut index Rg

Hue Bin	R <sub>f</sub>	Shifts (%)	
		Chroma	Hue
1	80	-11%	1%
2	83	-7%	6%
3	83	-3%	8%
4	93	-1%	4%
5	96	0%	2%
6	95	0%	0%
7	91	-4%	-4%
8	94	-3%	1%
9	90	-5%	3%
10	89	-2%	7%
11	89	0%	7%
12	88	5%	-2%
13	85	3%	-11%
14	80	1%	-17%
15	84	-5%	-9%
16	78	-11%	-12%

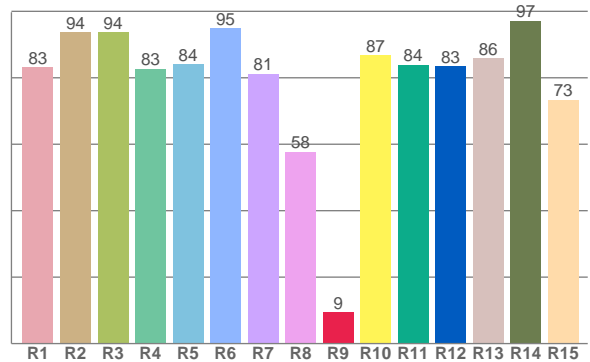




TM-30: 87,4



CRI: 83,9 (R1-R8)



CRIRA R1-R8 / CRIR R1-R15

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
83,1	93,7	93,6	82,7	84,0	94,9	81,2	57,7	9,4	86,8	83,9	83,4	85,9	97,1	73,4

TM30 valores C. 16 valores extraídos dos 99.

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
80,1	82,8	83,2	93,5	96,0	94,9	90,8	94,2	90,4	88,6	89,5	87,6	85,2	80,1	84,3	78,1

## 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	Δuv
2673 K	83,9	9,4	87,4	94,3	83,9	0,464	0,414	0,264	0,353	0,0009

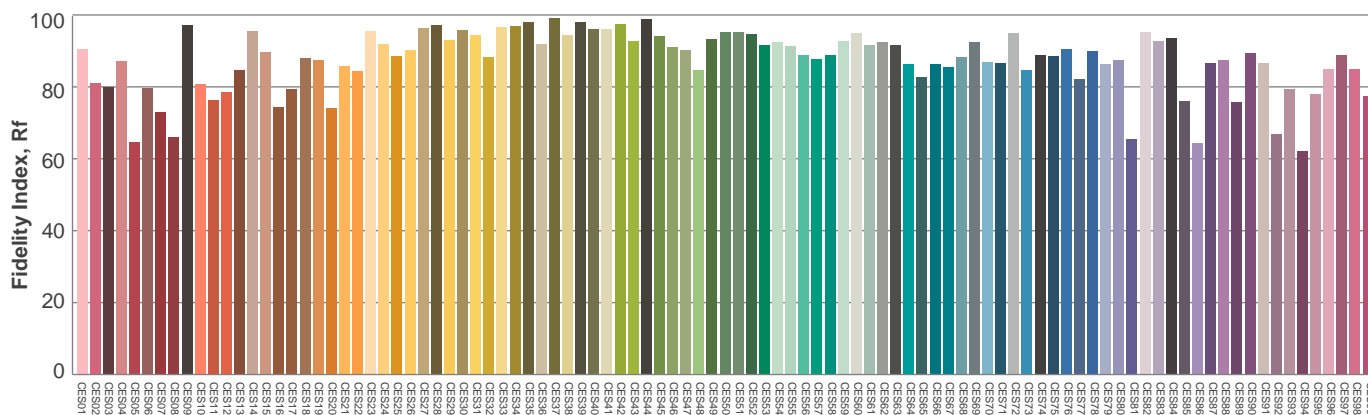
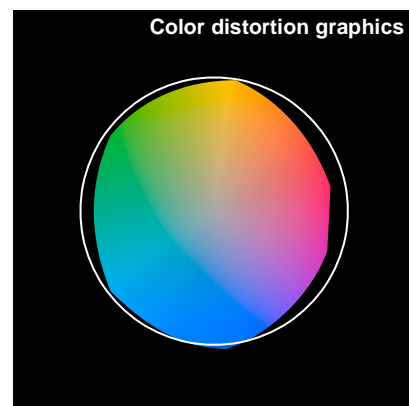
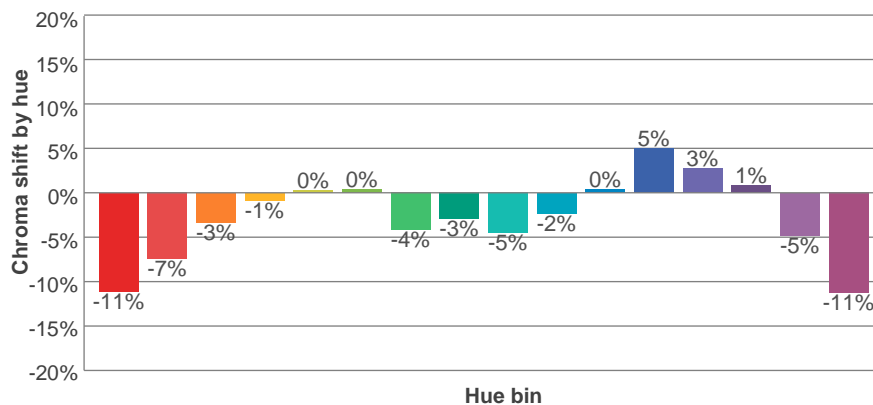
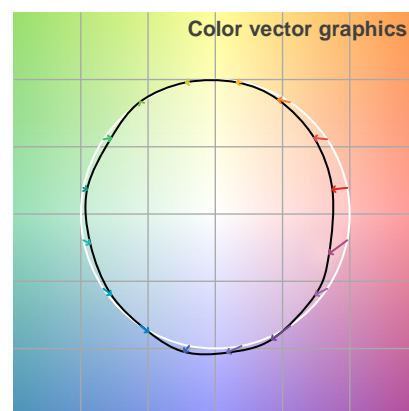
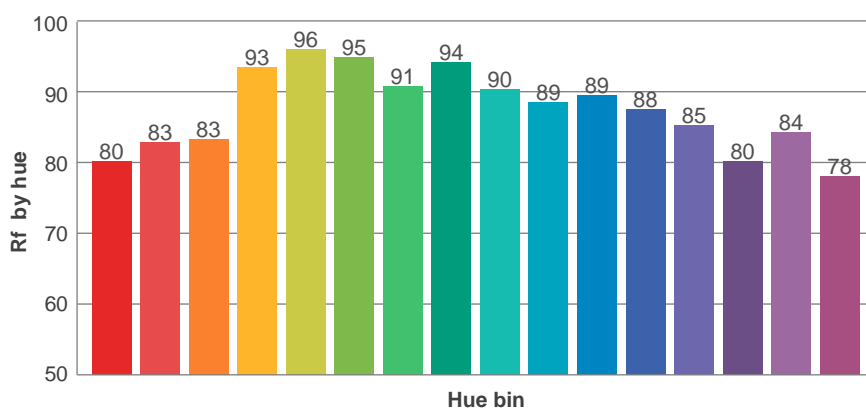
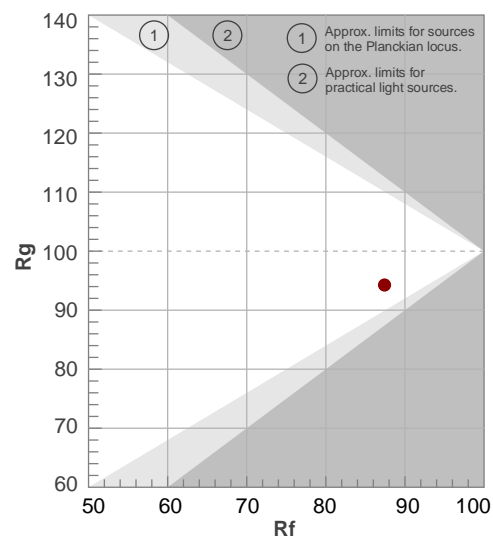
**Rf 87,4**

Fidelity index Rf

**Rg 94,3**

Gamut index Rg

Hue Bin	R <sub>f</sub>	Shifts (%)	
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9	90	-5%	3%
10	89	-2%	7%
11	89	0%	7%
12	88	5%	-2%
13	85	3%	-11%
14	80	1%	-17%
15	84	-5%	-9%
16	78	-11%	-12%



Avaliação todas as amostras de cores

Glare Evaluation According to UGR

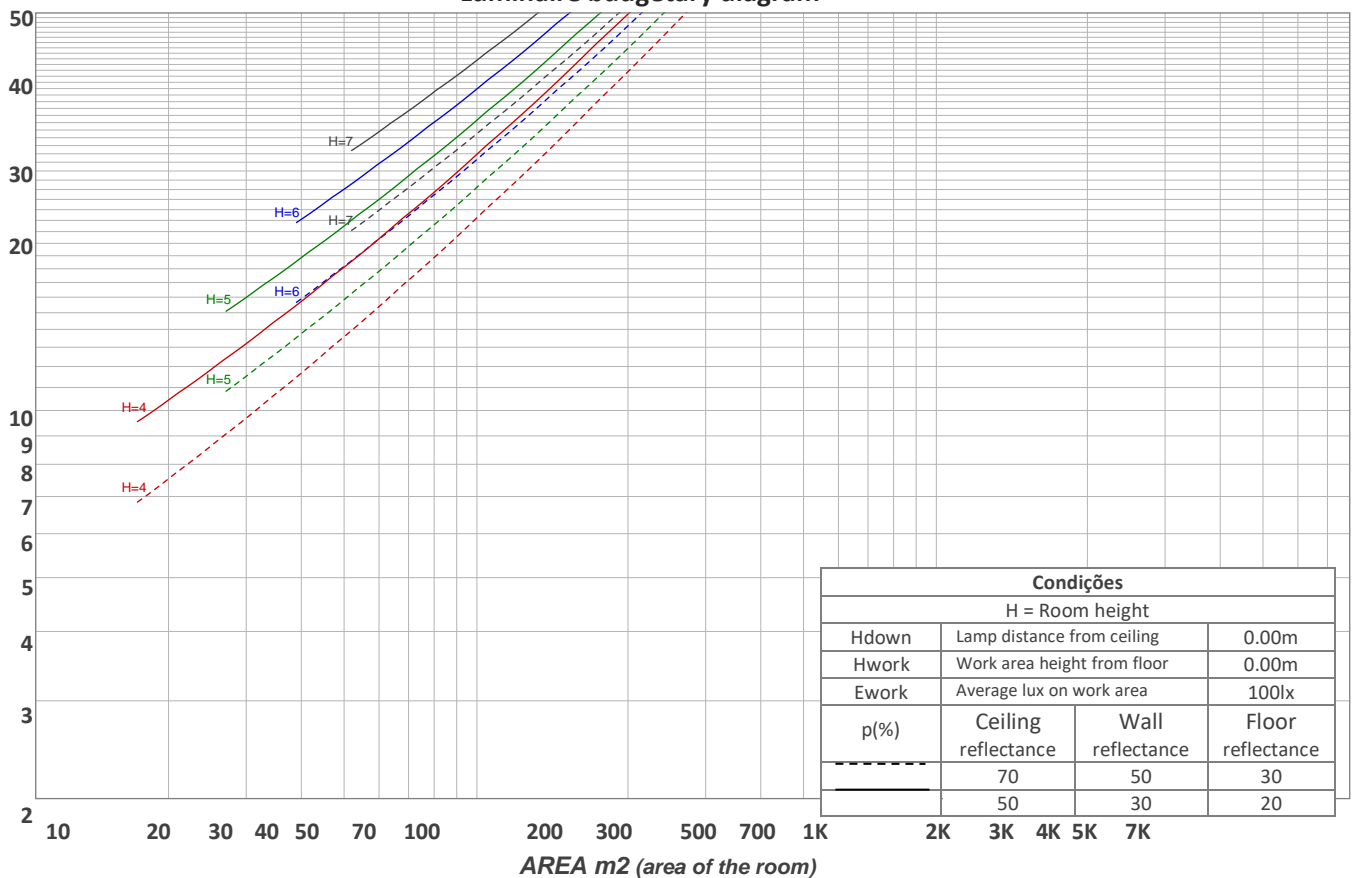
p Ceiling		70	70	50	50	30	70	70	50	50	30
p Walls		50	30	50	30	30	50	30	50	30	30
p Floor		20	20	20	20	20	20	20	20	20	20
Room size X    Y		Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H	2H	16,2	17,3	16,7	17,9	18,5	19,0	20,1	19,5	20,7	21,3
	3H	17,3	18,4	17,9	19,0	19,6	21,3	22,4	21,9	23,0	23,6
	4H	17,7	18,8	18,3	19,3	20,0	22,5	23,6	23,2	24,2	24,8
	6H	18,0	18,9	18,5	19,5	20,2	23,9	24,8	24,5	25,4	26,1
	8H	18,0	19,0	18,6	19,5	20,3	24,6	25,5	25,2	26,1	26,8
	12H	18,0	19,0	18,6	19,5	20,3	25,3	26,3	26,0	26,9	27,6
4H	2H	17,2	18,3	17,9	18,9	19,5	19,3	20,4	20,0	21,0	21,6
	3H	18,6	19,6	19,3	20,2	20,9	21,9	22,9	22,5	23,4	24,2
	4H	19,1	20,2	19,8	20,6	21,5	23,2	24,3	23,9	24,7	25,6
	6H	19,4	20,3	20,2	20,9	21,6	24,7	25,5	25,4	26,1	26,8
	8H	19,5	20,2	20,3	20,9	21,6	25,5	26,2	26,2	26,8	27,6
	12H	19,6	20,1	20,3	20,9	21,6	26,4	27,0	27,1	27,7	28,4
8H	4H	19,9	20,6	20,6	21,2	21,9	23,4	24,1	24,1	24,7	25,4
	6H	20,4	21,0	21,2	21,7	22,5	25,0	25,6	25,7	26,3	27,1
	8H	20,6	21,1	21,4	21,9	22,8	25,9	26,4	26,7	27,2	28,1
	12H	20,7	21,1	21,5	21,9	22,8	27,0	27,4	27,8	28,2	29,0
12H	4H	20,1	20,6	20,8	21,4	22,1	23,3	23,9	24,1	24,6	25,4
	6H	20,8	21,2	21,5	22,0	22,9	25,0	25,5	25,8	26,3	27,2
	8H	21,0	21,5	21,8	22,2	23,1	26,0	26,4	26,8	27,2	28,1
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 / -0,3					0,2 / -0,2				
S = 2.0H		0,4 / -0,7					0,4 / -0,3				
Standard table		n/a					n/a				
Correction summand		n/a					n/a				
Corrected glare indices referring to 748 lm total luminous flux											

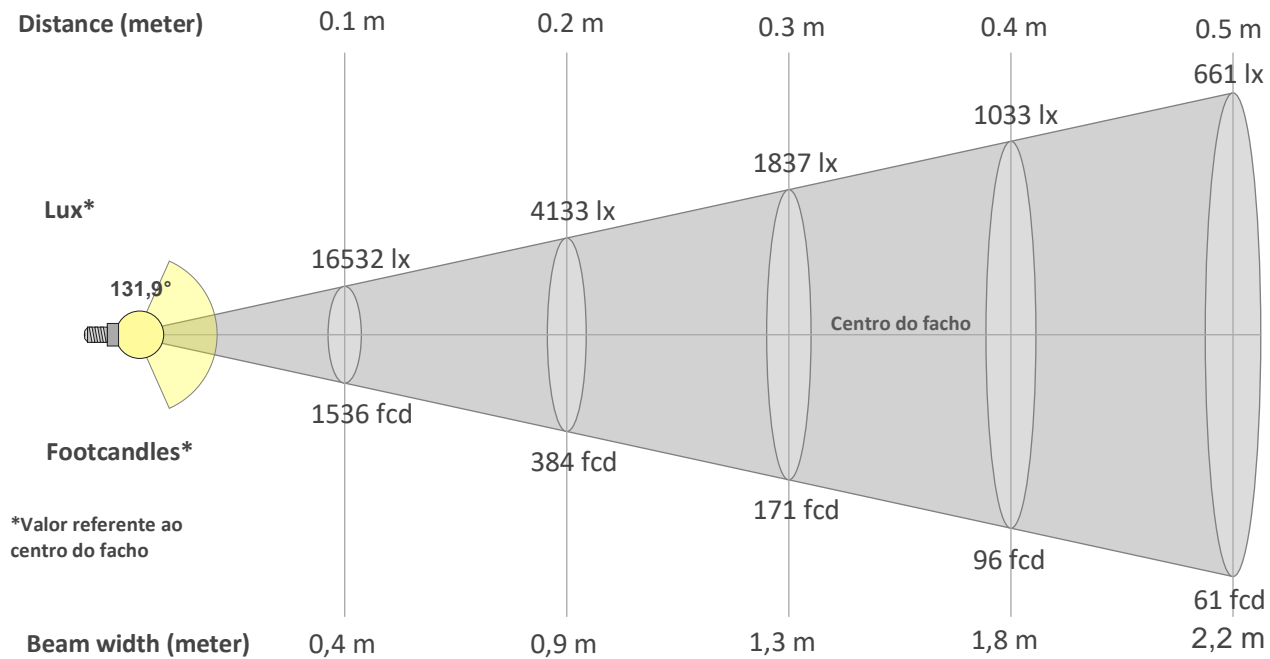
**Coeficiente de utilização**

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	92	92	92	85	85	85	81
1	102	97	92	87	97	92	88	84	85	81	78	78	75	72	71	69	67	63
2	92	83	75	69	88	79	73	67	73	67	62	67	62	58	61	57	54	51
3	83	72	63	56	79	69	61	55	63	57	51	58	53	48	53	49	45	42
4	76	63	54	47	72	61	52	46	56	49	43	51	45	40	47	42	38	35
5	70	56	47	40	66	54	45	39	50	42	37	46	40	35	42	37	33	30
6	64	50	41	35	61	48	40	34	45	37	32	41	35	30	38	33	28	26
7	59	45	36	30	56	44	35	29	40	33	28	37	31	26	34	29	25	23
8	55	41	33	27	52	40	32	26	37	30	25	34	28	23	32	26	22	20
9	51	38	29	24	49	36	29	23	34	27	22	31	25	21	29	24	20	18
10	48	35	27	21	46	33	26	21	31	25	20	29	23	19	27	22	18	16

**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
165lx	41lx	18lx	10lx	7lx	5lx	3lx	3lx	2lx	2lx	1lx	1lx	1lx	1lx	1lx	1lx	1lx	1lx	0lx	0lx
15,4fcd	3,8fcd	1,7fcd	1fcd	0,6fcd	0,4fcd	0,3fcd	0,2fcd	0,2fcd	0,2fcd	0,1fcd	0,1fcd	0,1fcd	0,1fcd	0,1fcd	0,1fcd	0,1fcd	0fcd	0fcd	0fcd

### 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°
165	164	156	143	127	108	87	63	39	16	3	3	3	3	2	2	2	2	2	2
100%	99%	94%	87%	77%	66%	53%	38%	23%	10%	2%	2%	2%	2%	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°
165	166	165	160	152	140	125	106	86	66	52	49	46	42	37	31	25	18	11	3
100%	100%	100%	97%	92%	85%	76%	64%	52%	40%	32%	30%	28%	25%	22%	19%	15%	11%	6%	2%

### Intensities in 180° c-plane

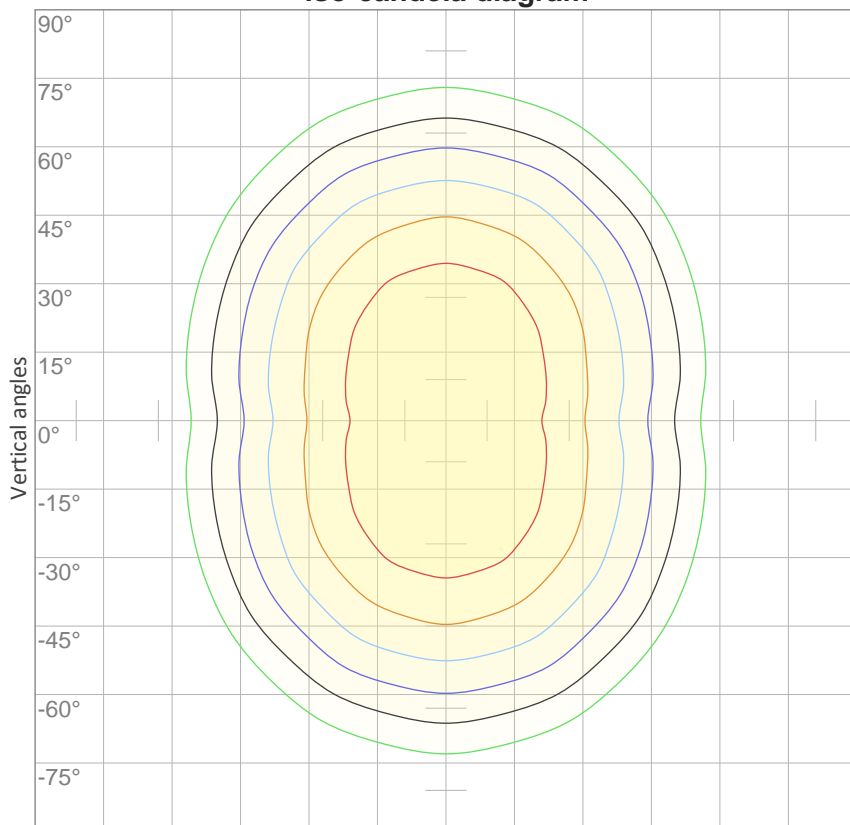
0°	9°	18°	27°	36°	45°	54°	63°	72°	81°	90°	99°	108°	117°	126°	135°	144°	153°	162°	171°
165	164	156	143	127	108	87	63	39	16	3	3	3	3	2	2	2	2	2	2
100%	99%	94%	87%	77%	66%	53%	38%	23%	10%	2%	2%	2%	2%	1%	1%	1%	1%	1%	1%

### 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°
165	166	165	160	152	140	125	106	86	66	52	49	46	42	37	31	25	18	11	3
100%	100%	100%	97%	92%	85%	76%	64%	52%	40%	32%	30%	28%	25%	22%	19%	15%	11%	6%	2%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
131,9°	259°	308,9°	55,7%	36,3%

**iso-candela diagram**



Horizontal angles

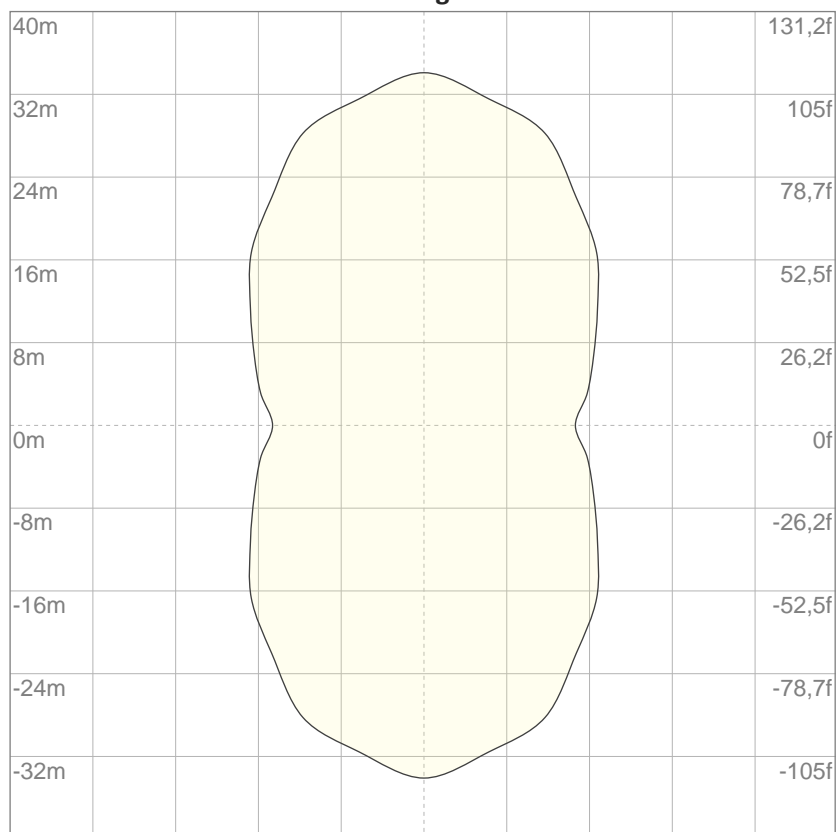
10%	17 cd
20%	33 cd
30%	50 cd
40%	66 cd
50%	83 cd
60%	99 cd
70%	116 cd
80%	132 cd
90%	149 cd

Conditions:

Number of c-planes: 16

Candela at center: 165 cd

**iso-lux diagram**



Mounting height: 10 meters

3%	49,6m lx
5%	82,7m lx
10%	0,165 lx
30%	0,496 lx
50%	0,827 lx

Conditions:

Number of c-planes: 16

Lux at center: 1,65 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**