

9003 SLED9003U BRANCA FITA 19WM 3500K 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 – 1464 lm/m

Potência – 19,7 W/m

Intensidade pico – 326cd

CCT – 3398K



IRC – 84,7

Coordenada CIE 1931 – x- 0,411 y- 0,392

A x L - 21x24

Peso - 0,18kg/m

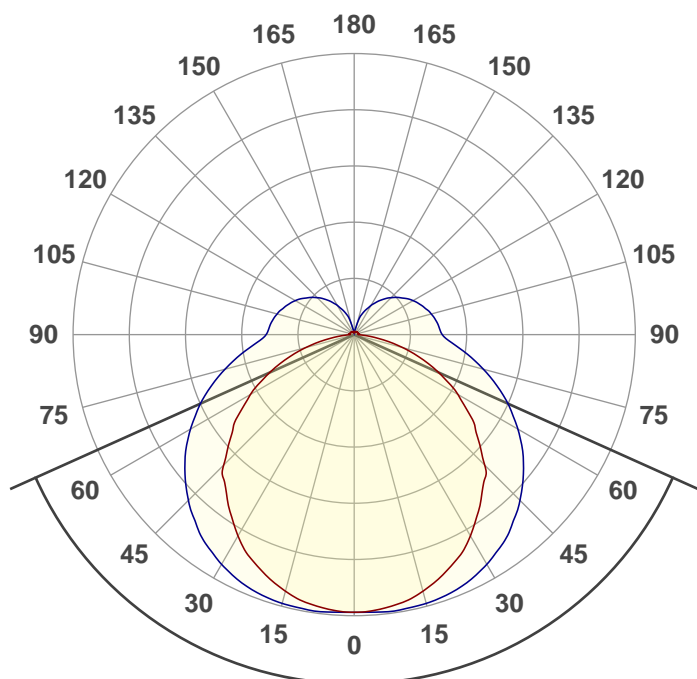
IP - 20 - Uso Interno

IK - 00 – Não aplicável

Alimentação - 12vdc

Data do ensaio

04/03/2022 16:05:02



Facho de abertura

131,6°

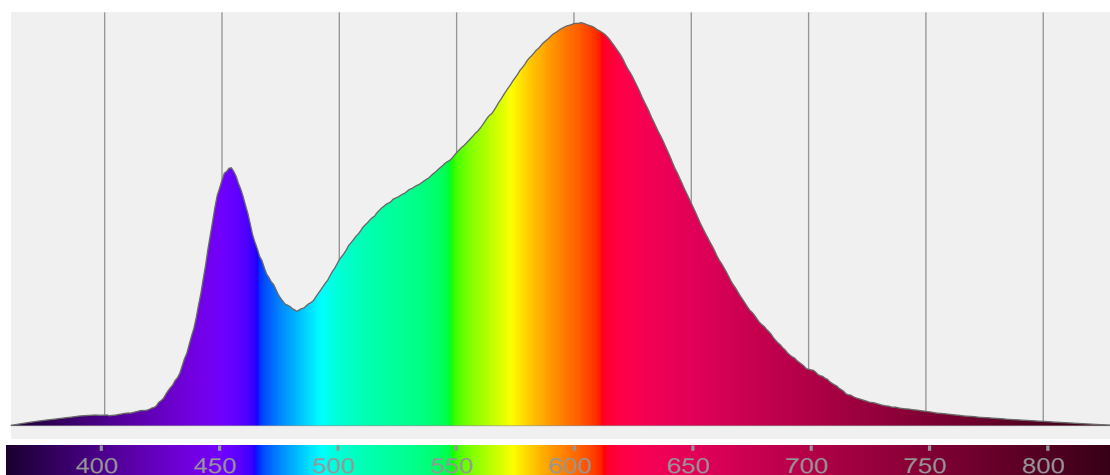
Rf 86,0

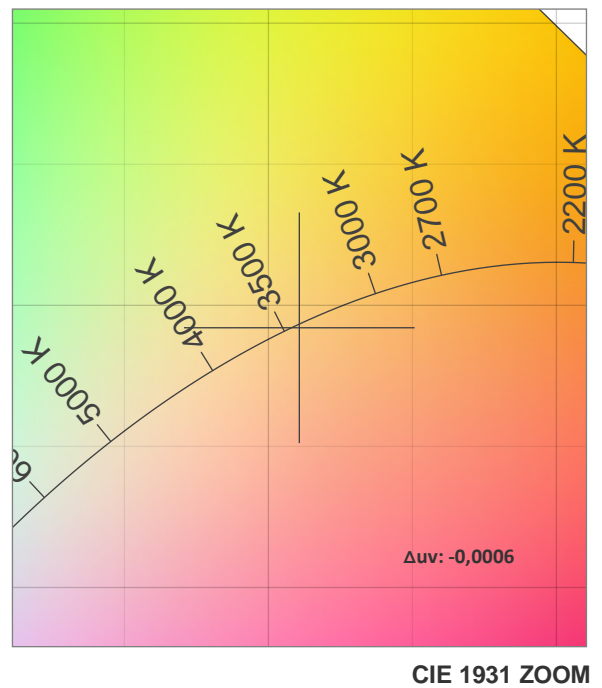
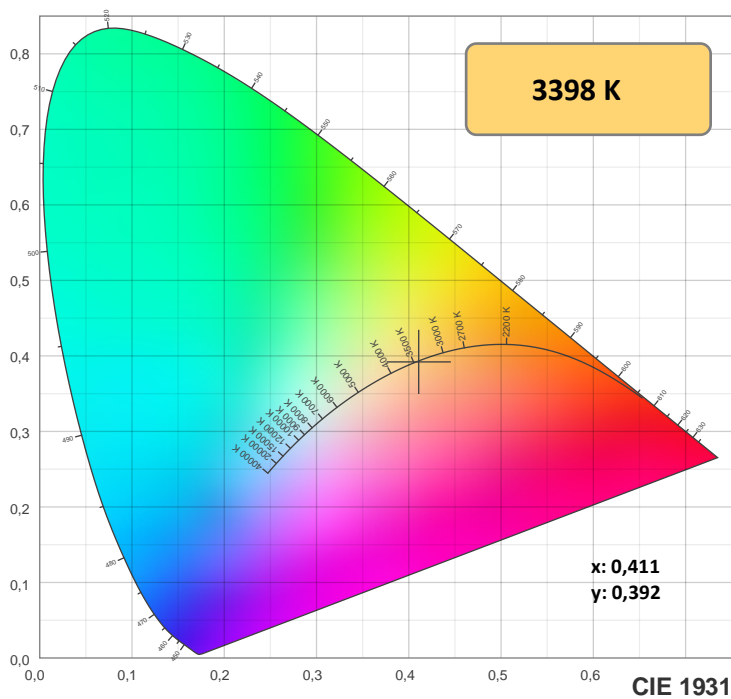
Fidelity index Rf

Rg 95,5

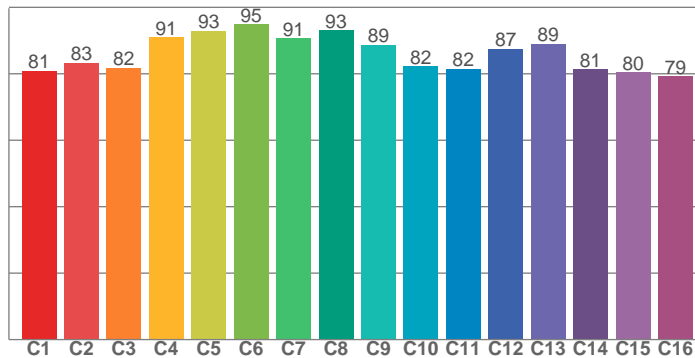
Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	81	-11%	0%
2	83	-7%	6%
3	82	-3%	9%
4	91	0%	5%
5	93	-1%	2%
6	95	1%	-2%
7	91	-5%	-3%
8	93	-4%	0%
9	89	-5%	6%
10	82	-4%	11%
11	82	2%	11%
12	87	7%	1%
13	89	4%	-7%
14	81	4%	-15%
15	80	-3%	-13%
16	79	-7%	-10%

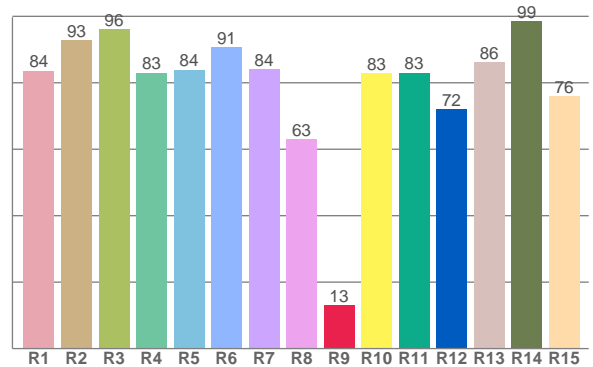




TM-30: 86,0



CRI: 84,7 (R1-R8)



CRIRA R1-R8 / CRIR R1-R15

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
83,6	92,7	96,2	83,1	83,9	90,8	84,1	63,0	13,0	83,0	83,0	72,0	86,1	98,6	76,0

TM30 valores C. 16 valores extraídos dos 99.

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
80,8	83,3	81,7	91,0	93,0	94,8	90,6	93,1	88,8	82,2	81,5	87,4	89,0	81,4	80,4	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	Δuv
3398 K	84,7	13,0	86,0	95,5	84,0	0,411	0,392	0,239	0,342	-0,0006

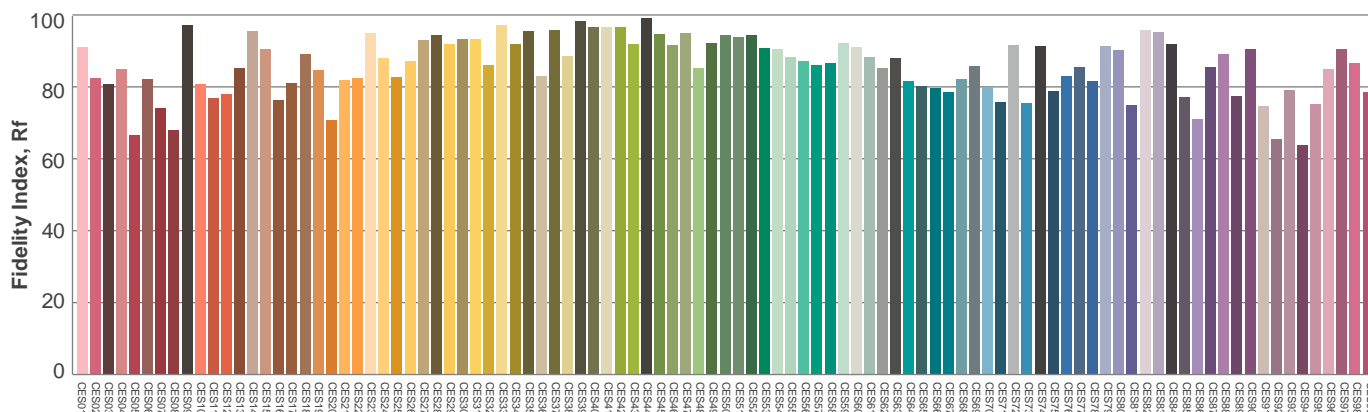
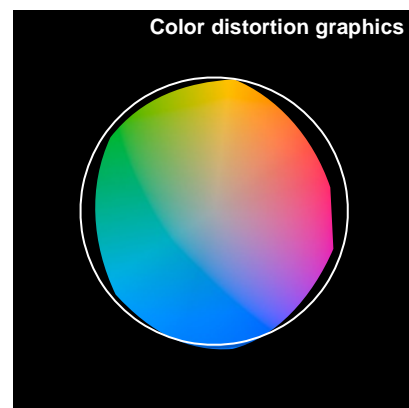
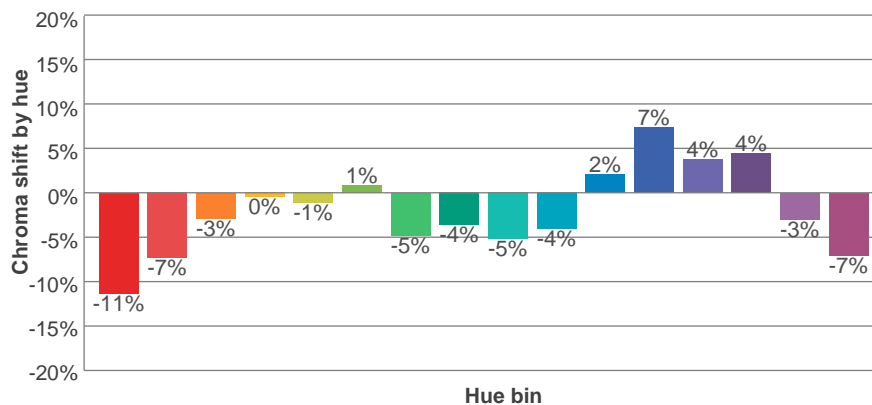
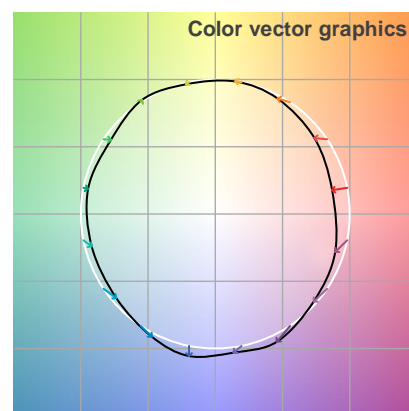
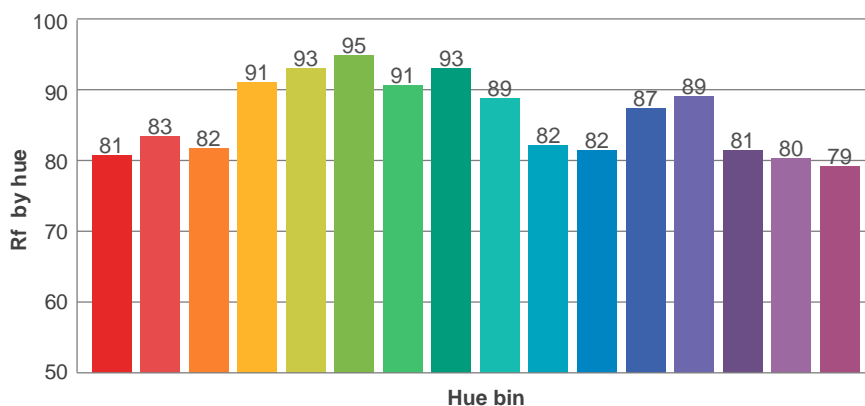
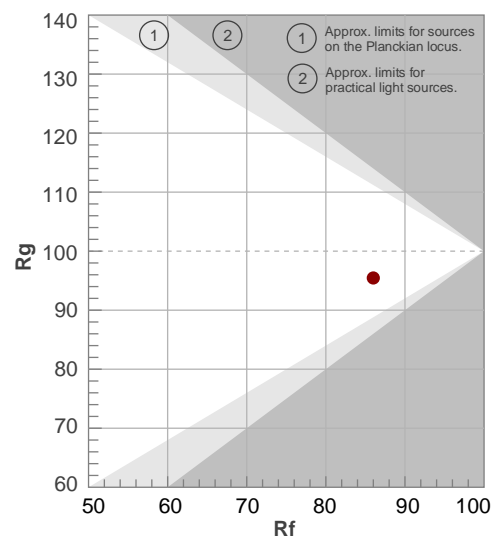
Rf 86,0

Fidelity index Rf

Rg 95,5

Gamut index Rg

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		Chroma	Hue
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9	89	-5%	6%
10	82	-4%	11%
11	82	2%	11%
12	87	7%	1%
13	89	4%	-7%
14	81	4%	-15%
15	80	-3%	-13%
16	79	-7%	-10%



Avaliação todas as amostras de cores

Glare Evaluation According to UGR

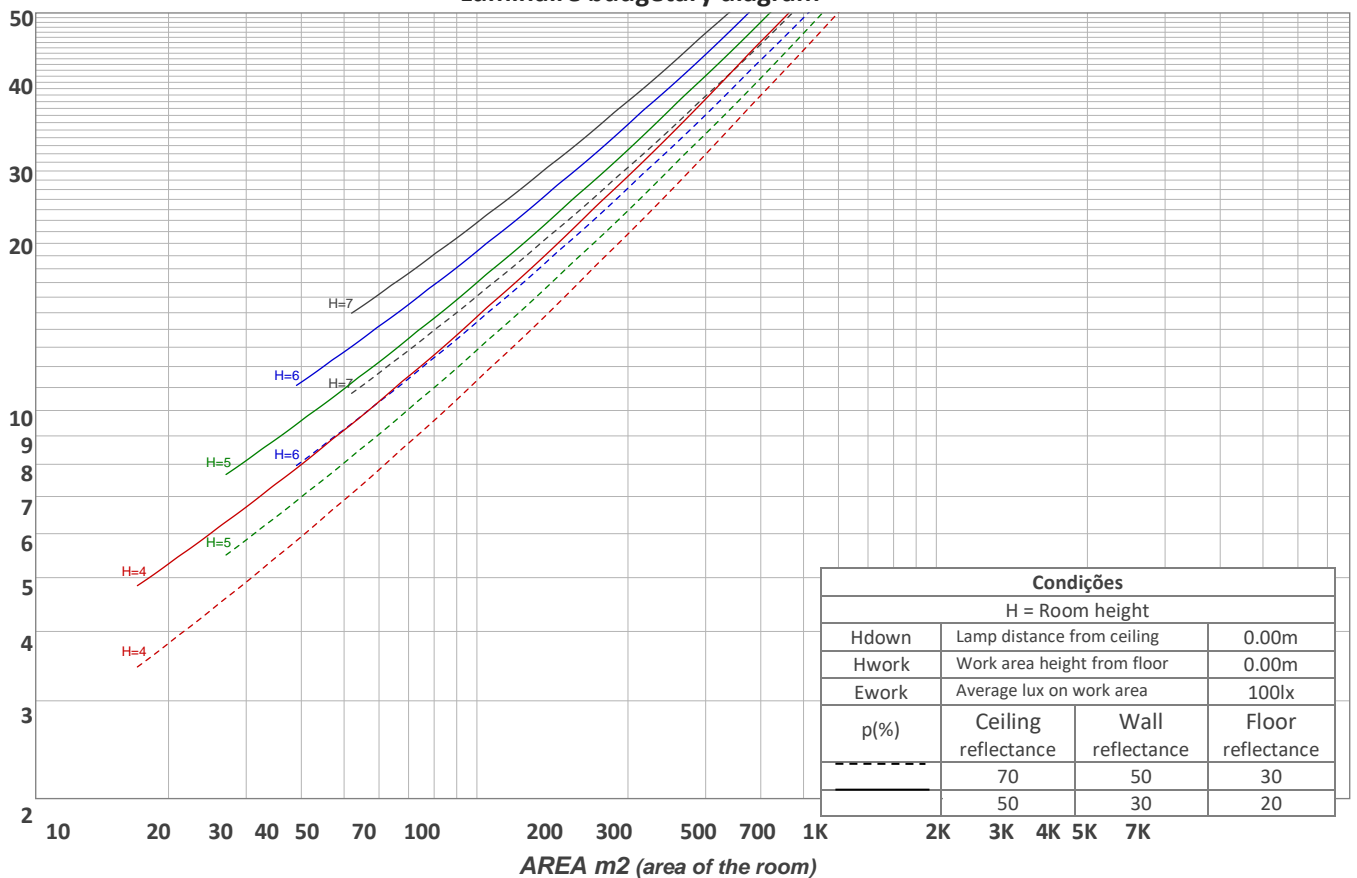
p Ceiling		70	70	50	50	30	70	70	50	50	30
p Walls		50	30	50	30	30	50	30	50	30	30
p Floor		20	20	20	20	20	20	20	20	20	20
Room size X Y		Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H	2H	18,7	19,9	19,3	20,4	21,0	21,4	22,5	21,9	23,1	23,7
	3H	19,9	21,0	20,5	21,6	22,2	23,7	24,8	24,4	25,4	26,0
	4H	20,3	21,4	20,9	21,9	22,6	25,0	26,0	25,6	26,6	27,2
	6H	20,6	21,5	21,1	22,1	22,8	26,3	27,3	26,9	27,9	28,6
	8H	20,6	21,6	21,2	22,1	22,9	27,0	28,0	27,6	28,6	29,3
	12H	20,6	21,6	21,2	22,1	22,9	27,8	28,8	28,4	29,4	30,1
4H	2H	19,8	20,8	20,4	21,4	22,0	21,8	22,8	22,4	23,4	24,1
	3H	21,2	22,2	21,9	22,8	23,5	24,4	25,4	25,0	25,9	26,7
	4H	21,7	22,8	22,4	23,2	24,1	25,7	26,8	26,4	27,2	28,1
	6H	22,1	22,9	22,8	23,5	24,2	27,2	28,0	27,9	28,6	29,3
	8H	22,2	22,9	22,9	23,5	24,2	28,0	28,7	28,7	29,4	30,1
	12H	22,2	22,8	22,9	23,5	24,3	28,9	29,5	29,6	30,2	31,0
8H	4H	22,5	23,2	23,2	23,9	24,6	25,9	26,6	26,6	27,2	27,9
	6H	23,1	23,6	23,8	24,4	25,2	27,6	28,1	28,3	28,8	29,7
	8H	23,3	23,8	24,0	24,5	25,4	28,5	29,0	29,2	29,8	30,7
	12H	23,4	23,8	24,2	24,6	25,4	29,6	30,0	30,4	30,8	31,6
12H	4H	22,7	23,3	23,4	24,0	24,8	25,8	26,4	26,6	27,1	27,9
	6H	23,4	23,9	24,2	24,7	25,6	27,6	28,1	28,3	28,8	29,7
	8H	23,7	24,1	24,5	24,9	25,8	28,6	29,0	29,4	29,8	30,6
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					0,3 / -0,3				
Standard table		n/a					n/a				
Correction summand		n/a					n/a				
Corrected glare indices referring to 1464 lm total luminous flux											

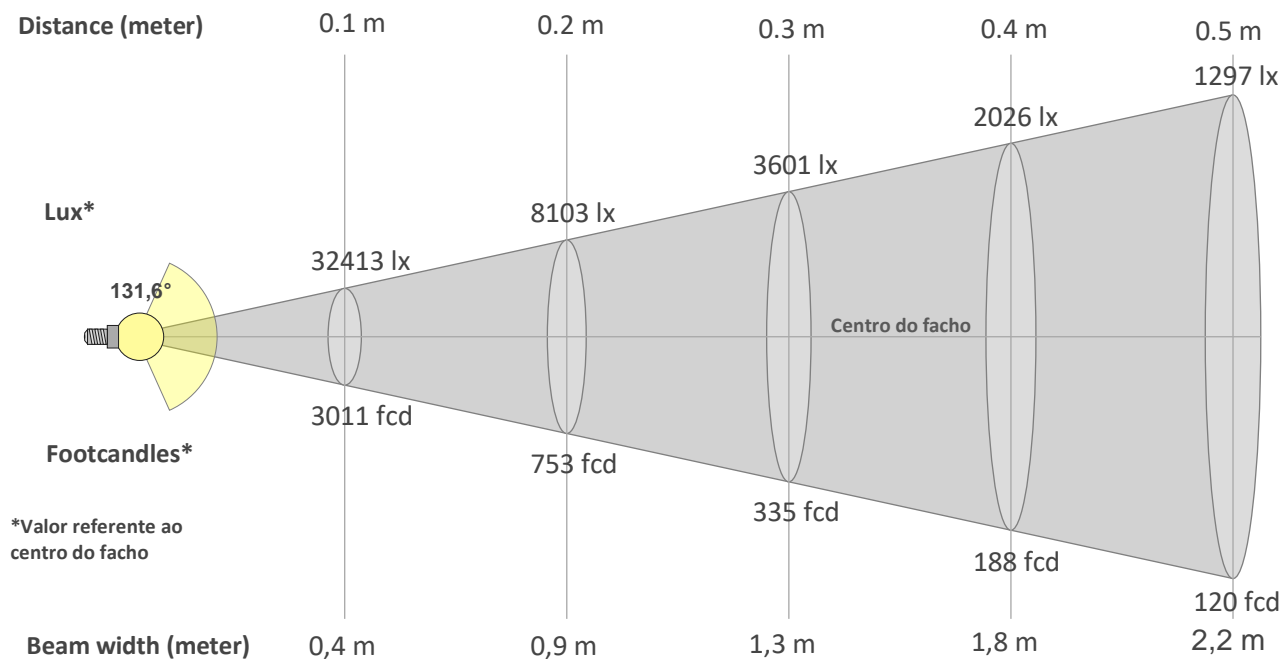
Coeficiente de utilização

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	114	114	114	114	110	110	110	110	100	100	100	92	92	92	84	84	84	81
1	102	97	92	87	97	92	88	84	85	81	78	77	75	72	71	69	66	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	39	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
324lx	81lx	36lx	20lx	13lx	9lx	7lx	5lx	4lx	3lx	3lx	2lx	2lx	2lx	1lx	1lx	1lx	1lx	1lx	1lx
30,1fcd	7,5fcd	3,3fcd	1,9fcd	1,2fcd	0,8fcd	0,6fcd	0,5fcd	0,4fcd	0,3fcd	0,2fcd	0,2fcd	0,2fcd	0,2fcd	0,1fcd	0,1fcd	0,1fcd	0,1fcd	0,1fcd	0,1fcd

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°
324	319	304	282	249	215	172	123	75	29	5	5	5	5	5	4	4	4	3	3
100%	98%	94%	87%	77%	66%	53%	38%	23%	9%	2%	2%	2%	1%	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°
324	326	323	314	298	274	244	208	169	131	103	97	91	82	72	61	48	34	21	5
100%	101%	100%	97%	92%	84%	75%	64%	52%	40%	32%	30%	28%	25%	22%	19%	15%	11%	7%	2%

Intensities in 180° c-plane

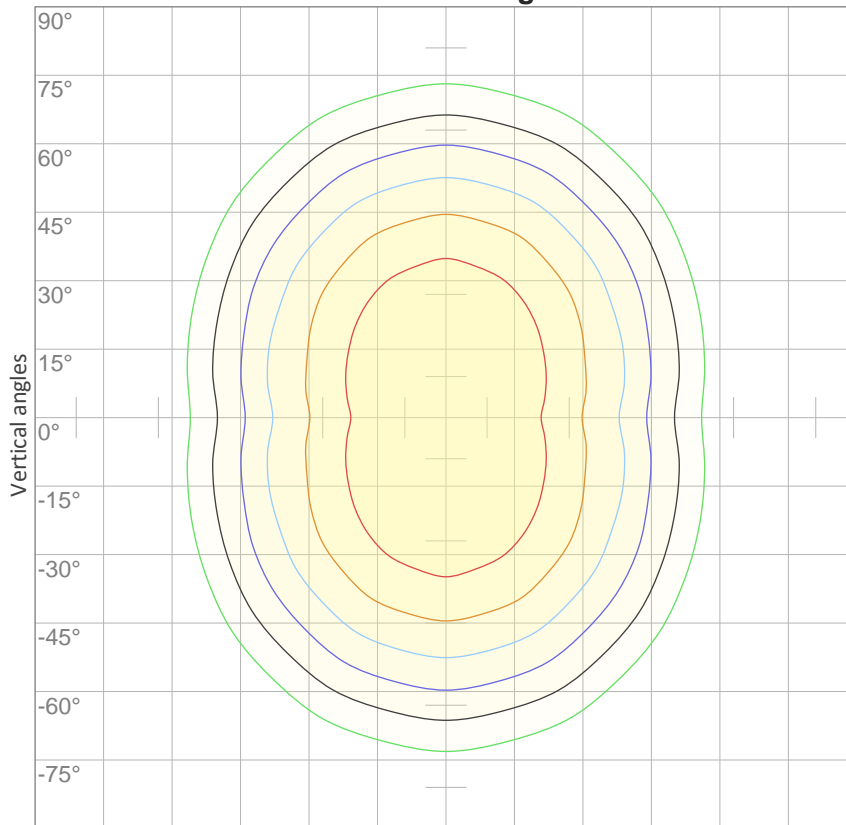
0°	9°	18°	27°	36°	45°	54°	63°	72°	81°	90°	99°	108°	117°	126°	135°	144°	153°	162°	171°
324	319	304	282	249	215	172	123	75	29	5	5	5	5	5	4	4	4	3	3
100%	98%	94%	87%	77%	66%	53%	38%	23%	9%	2%	2%	2%	1%	1%	1%	1%	1%	1%	1%

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°
324	326	323	314	298	274	244	208	169	131	103	97	91	82	72	61	48	34	21	5
100%	101%	100%	97%	92%	84%	75%	64%	52%	40%	32%	30%	28%	25%	22%	19%	15%	11%	7%	2%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
131,6°	259,8°	308,8°	55,6%	36,3%

iso-candela diagram



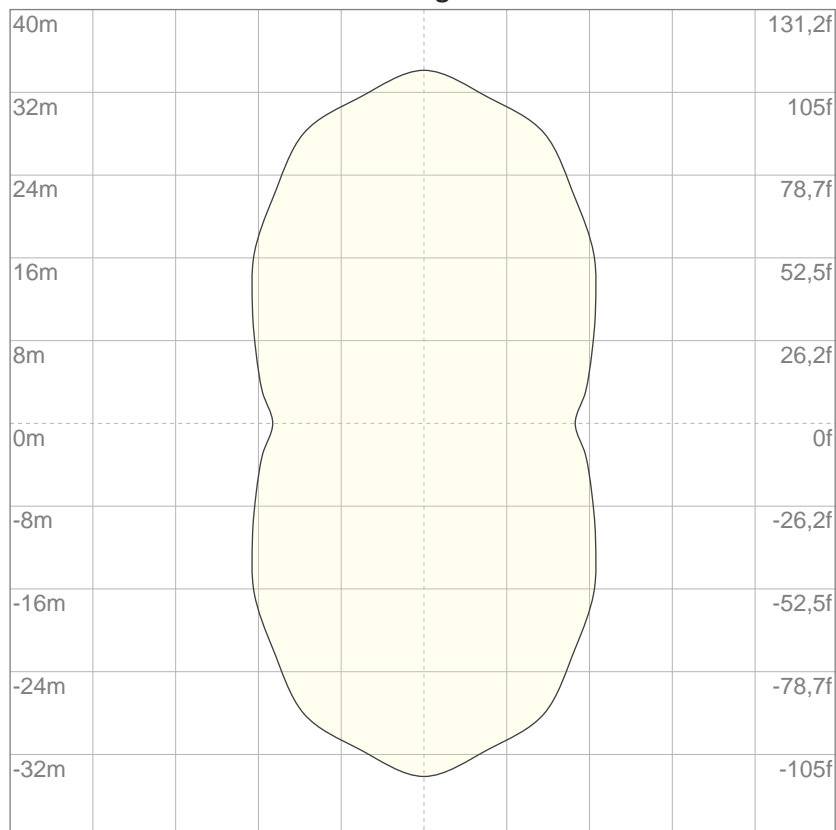
10%	32 cd
20%	65 cd
30%	97 cd
40%	130 cd
50%	162 cd
60%	194 cd
70%	227 cd
80%	259 cd
90%	292 cd

Conditions:

Number of c-planes: 16

Candela at center: 324 cd

iso-lux diagram



3%	97,2m lx
5%	0,162 lx
10%	0,324 lx
30%	0,972 lx
50%	1,62 lx

Conditions:

Number of c-planes: 16

Lux at center: 3,24 lx

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

Potência

Vttagem: 12,0 V

Corrente: 1,64 A

Frequência: 0 Hz

FP: 1,0

THD



THD corrente: n/a

THD tensão: n/a