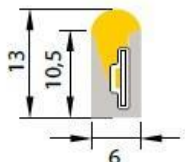


EX07 SLED9164 BRANCA FITA 9,6WM 5500K 80 - 1m



Luminária linear de sobrepor em mobiliário com iluminação difusa. Corpo em borracha com acabamento na cor branca. Difusor em borracha leitosa. Indicado para residência, mobiliário etc.

Fluxo luminoso – 290 lm/m

Potência – 9,5 W/m

Intensidade pico – 72,6cd

CCT – 4440K



IRC – 82,8

Coordenada CIE 1931 – x- 0,365 y- 0,376

A x L - 13x6

Peso - 0,26kg/m

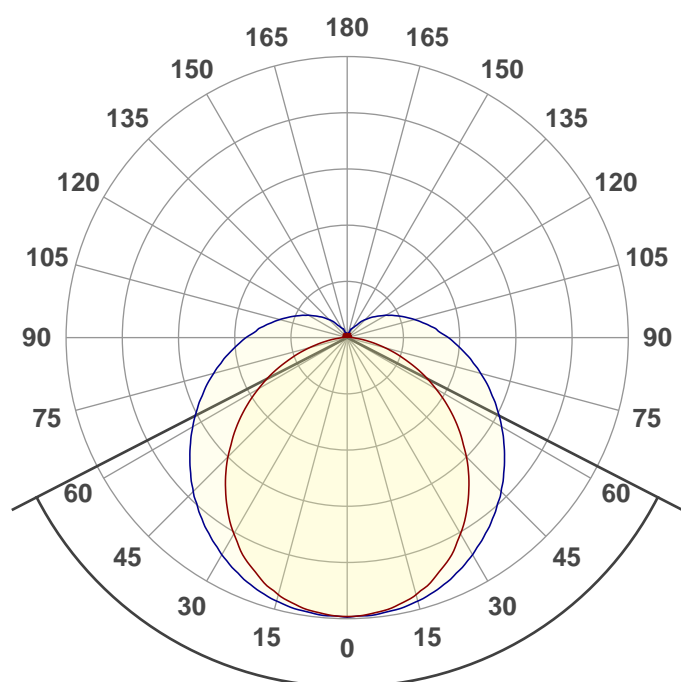
IP - 20 - Uso Interno

IK - 00 – Não aplicável

Alimentação - 12vdc

Data do ensaio

07/06/2023 08:11:11



Facho de abertura

125,6°

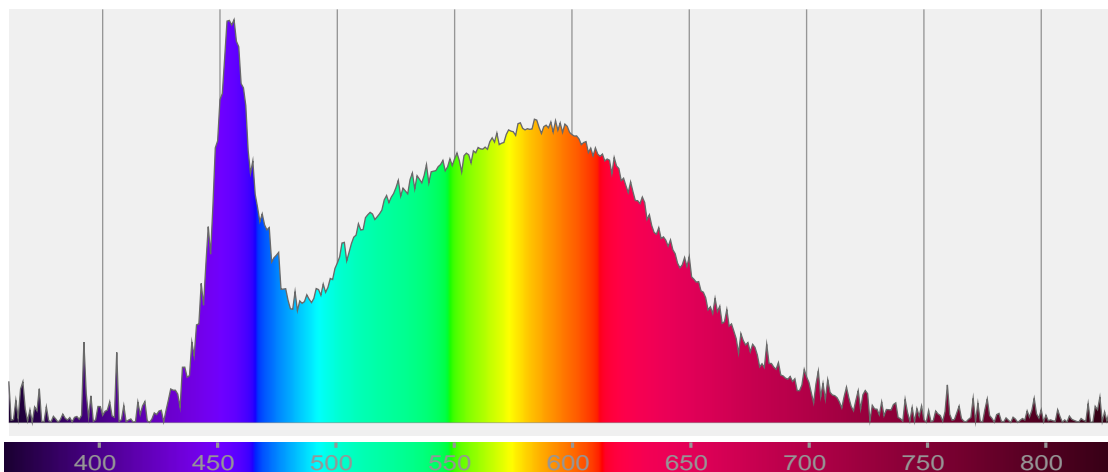
Rf 82,9

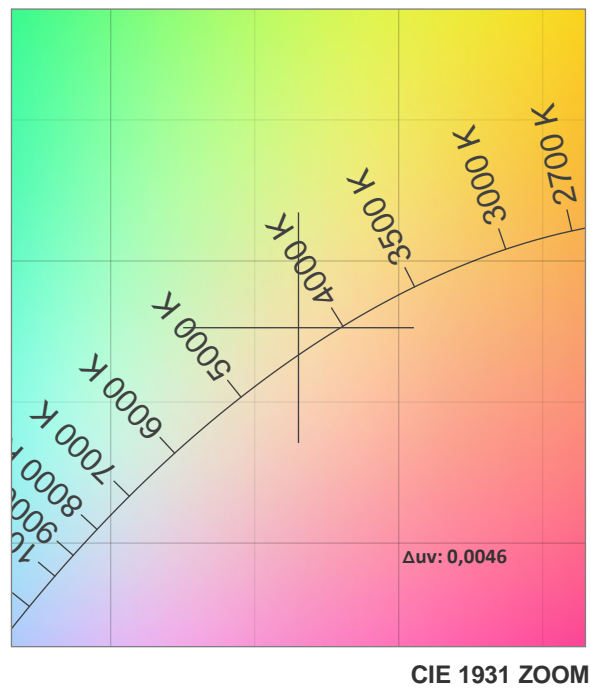
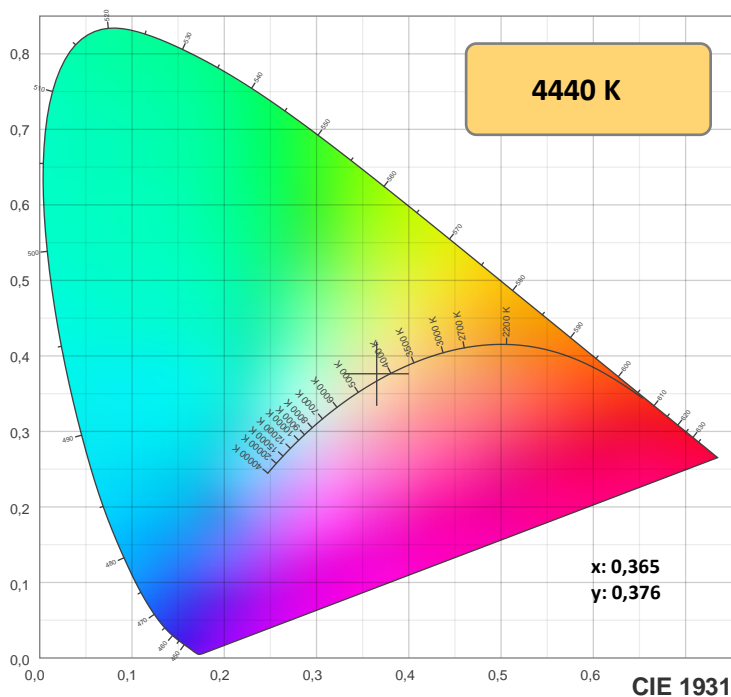
Fidelity index Rf

Rg 92,5

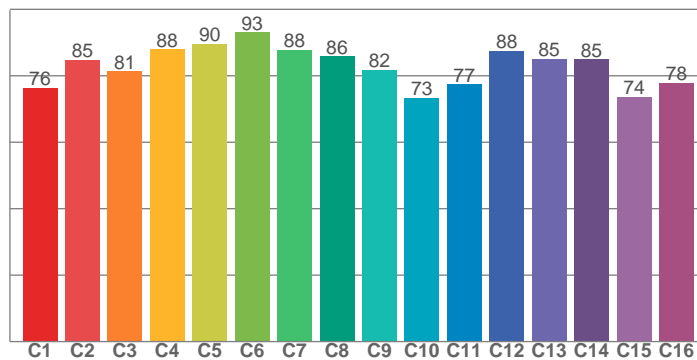
Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	76	-13%	1%
2	85	-8%	5%
3	81	-5%	9%
4	88	-3%	4%
5	90	-4%	2%
6	93	-3%	-2%
7	88	-8%	-1%
8	86	-8%	3%
9	82	-8%	12%
10	73	-4%	15%
11	77	4%	14%
12	88	5%	3%
13	85	7%	-10%
14	85	1%	-8%
15	74	1%	-22%
16	78	-9%	-9%

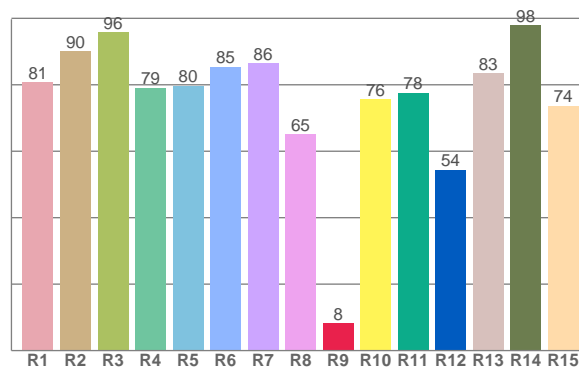




TM-30: 82,9



CRI: 82,8 (R1-R8)



CRIRA R1-R8 / CRIR R1-R15

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
80,7	90,1	95,8	79,1	79,7	85,4	86,5	65,2	8,3	75,7	77,6	54,4	83,5	97,9	73,7

TM30 valores C. 16 valores extraídos dos 99.

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
76,3	84,9	81,3	88,0	89,6	93,0	87,7	85,8	81,7	73,4	77,4	87,5	85,1	85,0	73,7	77,8

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	Δuv
4440 K	82,8	8,3	82,9	92,5	81,9	0,365	0,376	0,215	0,333	0,0046

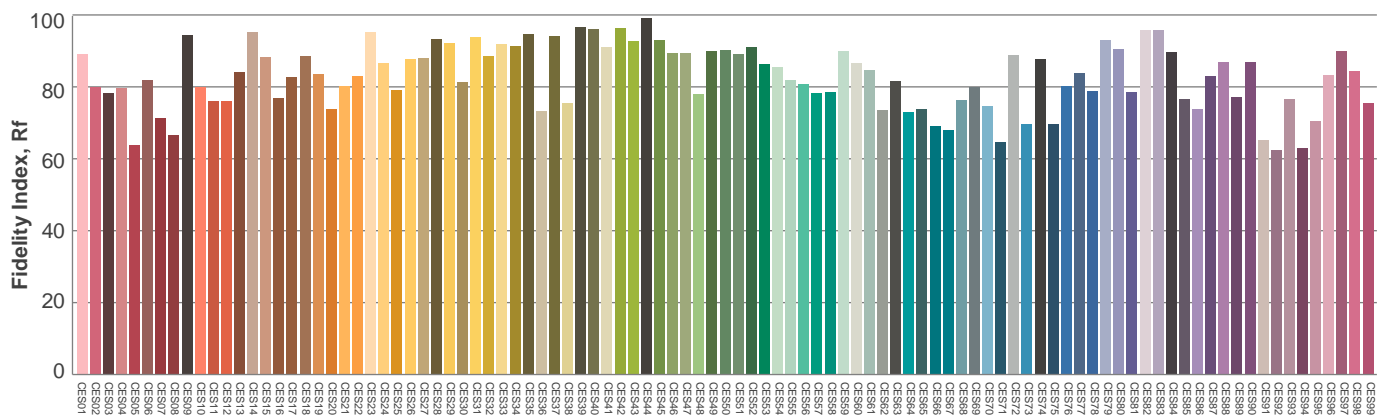
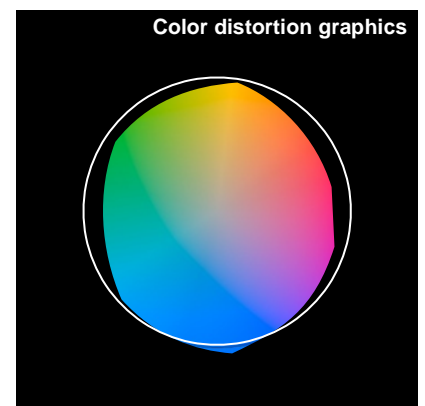
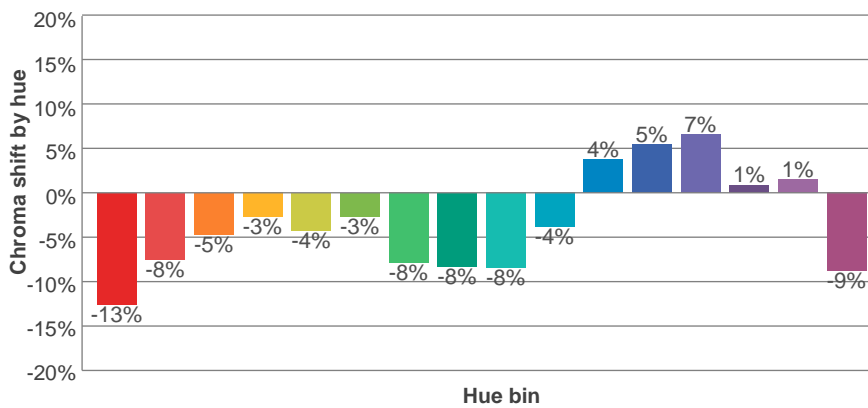
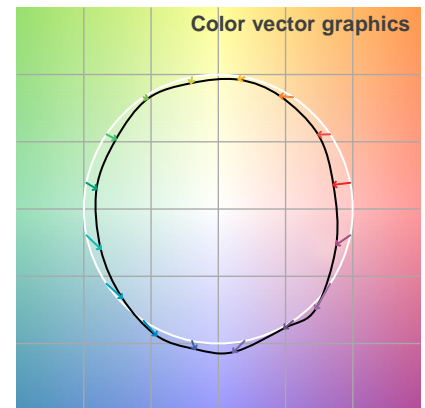
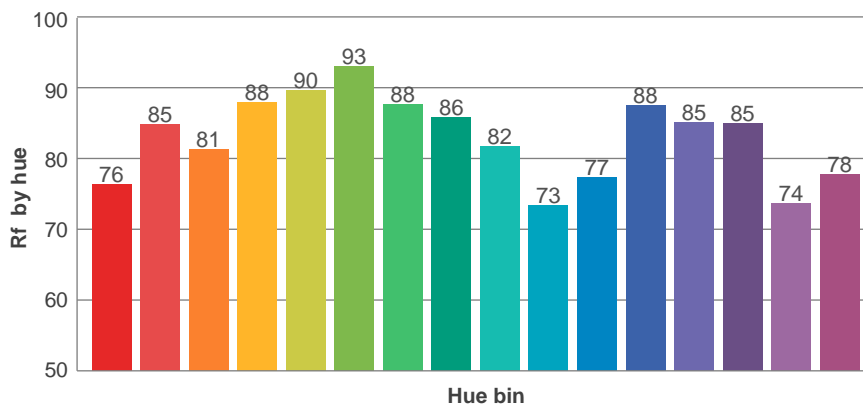
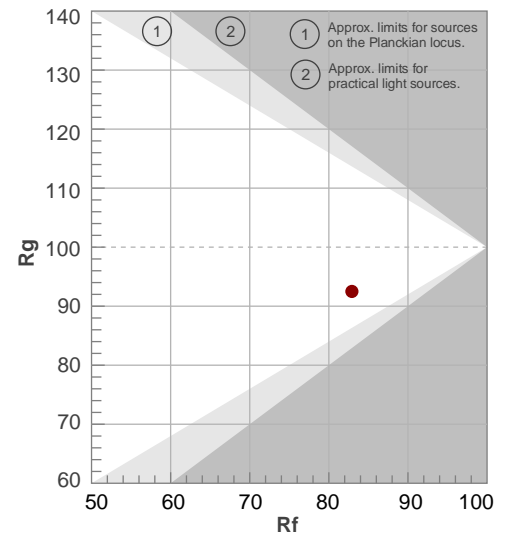
Rf 82,9

Fidelity index Rf

Rg 92,5

Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	76	-13%	1%
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7	88	-8%	-1%
8	86	-8%	3%
9	82	-8%	12%
10	73	-4%	15%
11	77	4%	14%
12	88	5%	3%
13	85	7%	-10%
14	85	1%	-8%
15	74	1%	-22%
16	78	-9%	-9%



Glare Evaluation According to UGR

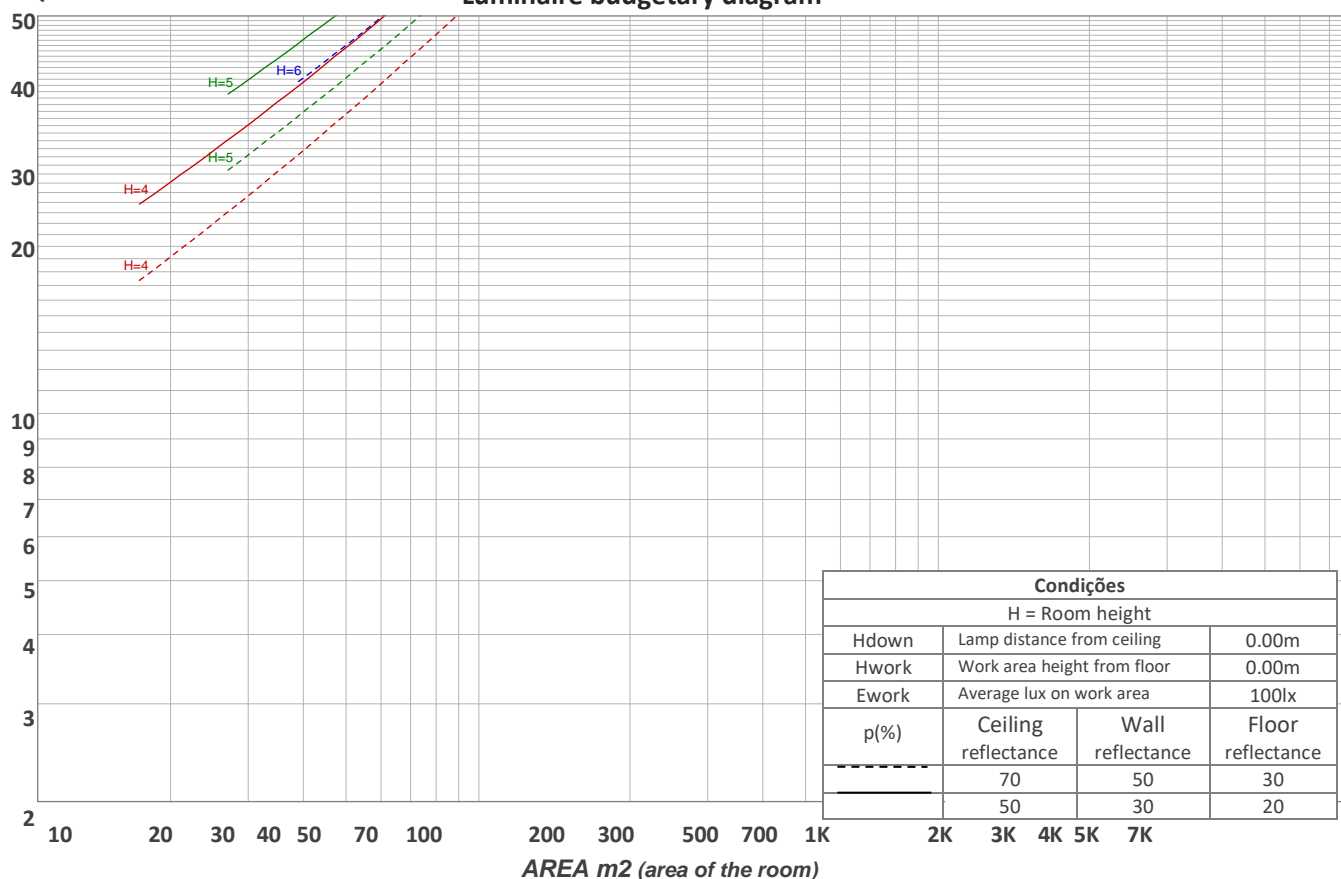
p Ceiling		70	70	50	50	30	70	70	50	50	30
p Walls		50	30	50	30	30	50	30	50	30	30
p Floor		20	20	20	20	20	20	20	20	20	20
Room size X Y		Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H	2H	17,4	18,6	17,9	19,1	19,6	20,6	21,8	21,1	22,3	22,8
	3H	18,4	19,6	19,0	20,1	20,6	23,1	24,3	23,7	24,8	25,3
	4H	18,8	19,9	19,4	20,4	20,9	24,5	25,7	25,1	26,2	26,7
	6H	19,0	20,0	19,5	20,5	21,1	26,1	27,1	26,7	27,7	28,3
	8H	19,0	20,0	19,6	20,6	21,2	27,0	28,0	27,5	28,5	29,2
	12H	19,0	20,0	19,6	20,5	21,2	28,0	29,0	28,5	29,5	30,2
4H	2H	18,5	19,6	19,1	20,1	20,7	20,9	22,1	21,5	22,6	23,1
	3H	19,9	20,9	20,4	21,4	22,1	23,7	24,8	24,3	25,3	25,9
	4H	20,3	21,4	20,9	21,8	22,6	25,2	26,3	25,9	26,8	27,5
	6H	20,6	21,5	21,3	22,1	22,7	27,0	27,8	27,7	28,4	29,0
	8H	20,7	21,5	21,4	22,1	22,7	28,0	28,7	28,6	29,3	29,9
	12H	20,8	21,4	21,4	22,1	22,8	29,1	29,7	29,7	30,3	31,0
8H	4H	21,3	22,0	22,0	22,6	23,3	25,4	26,2	26,1	26,8	27,4
	6H	21,9	22,5	22,6	23,2	23,9	27,4	27,9	28,0	28,6	29,4
	8H	22,1	22,6	22,8	23,4	24,2	28,5	29,0	29,2	29,7	30,6
	12H	22,2	22,7	23,0	23,4	24,2	29,7	30,2	30,5	30,9	31,7
12H	4H	21,6	22,2	22,2	22,9	23,6	25,4	26,0	26,1	26,7	27,4
	6H	22,4	22,9	23,1	23,6	24,5	27,4	27,9	28,1	28,6	29,5
	8H	22,7	23,1	23,4	23,9	24,7	28,5	29,0	29,3	29,7	30,5
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		0,3 / -0,7					0,4 / -0,4				
Standard table		n/a					n/a				
Correction summand		n/a					n/a				
Corrected glare indices referring to 290 lm total luminous flux											

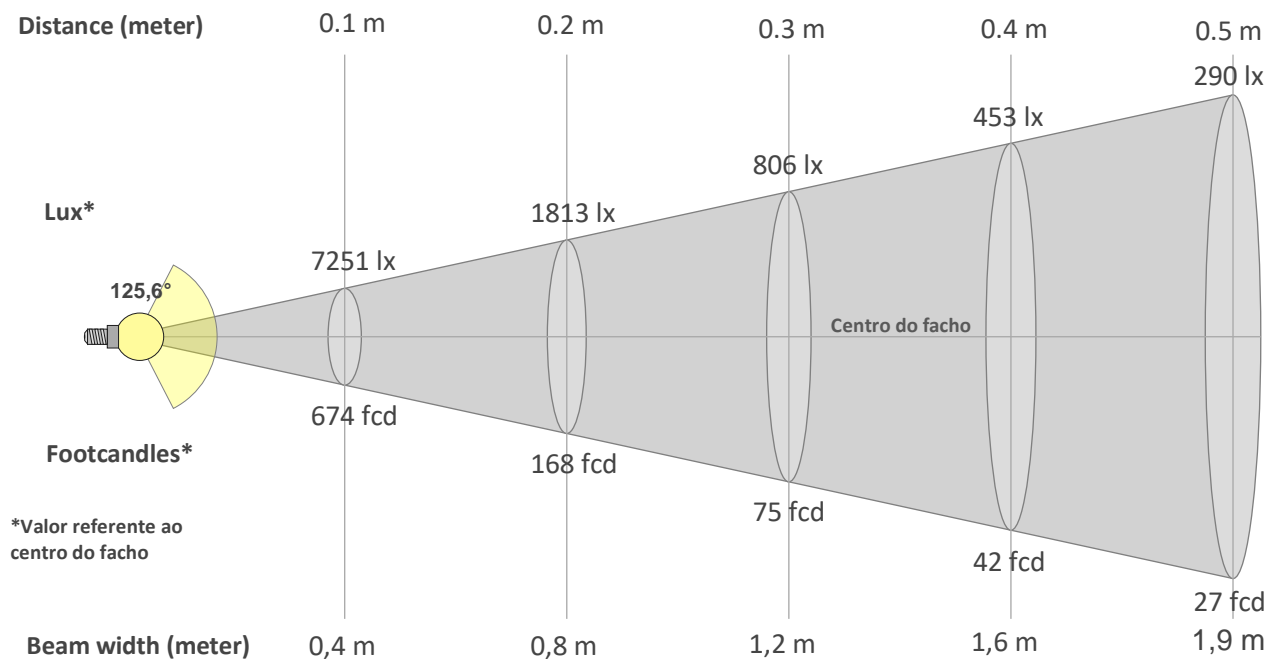
Coeficiente de utilização

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	116	116	116	116	111	111	111	111	103	103	103	96	96	96	89	89	89	86
1	103	97	92	87	99	93	89	84	86	83	79	80	77	74	74	72	69	66
2	93	83	76	69	89	80	73	67	74	68	63	69	64	60	64	60	56	53
3	84	72	64	56	80	70	62	55	65	58	52	60	54	50	56	51	47	44
4	77	64	54	47	73	61	53	46	57	50	44	53	47	42	49	44	40	37
5	70	57	47	40	67	55	46	39	51	43	38	47	41	36	44	39	34	32
6	65	51	42	35	62	49	40	34	46	38	33	43	36	31	40	34	30	28
7	60	46	37	31	57	44	36	30	42	34	29	39	32	28	36	31	27	24
8	56	42	33	27	53	41	32	27	38	31	26	36	29	25	33	28	24	22
9	52	38	30	24	50	37	29	24	35	28	23	33	27	22	31	25	21	19
10	49	35	27	22	47	34	27	22	32	25	21	30	24	20	29	23	19	17

Quantidade de luminárias

Luminaire budgetary diagram





Beam intensities from 1-20m

[illegible]

Intensities in 0° c-plane

[illegible]

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°
72,5	71,9	70,0	66,6	61,9	56,5	50,5	44,2	38,1	32,0	26,3	21,2	16,6	12,8	9,4	6,6	3,8	2,6	0,8	0,6
100%	99%	97%	92%	85%	78%	70%	61%	52%	44%	36%	29%	23%	18%	13%	9%	5%	4%	1%	1%

Intensities in 180° c-plane

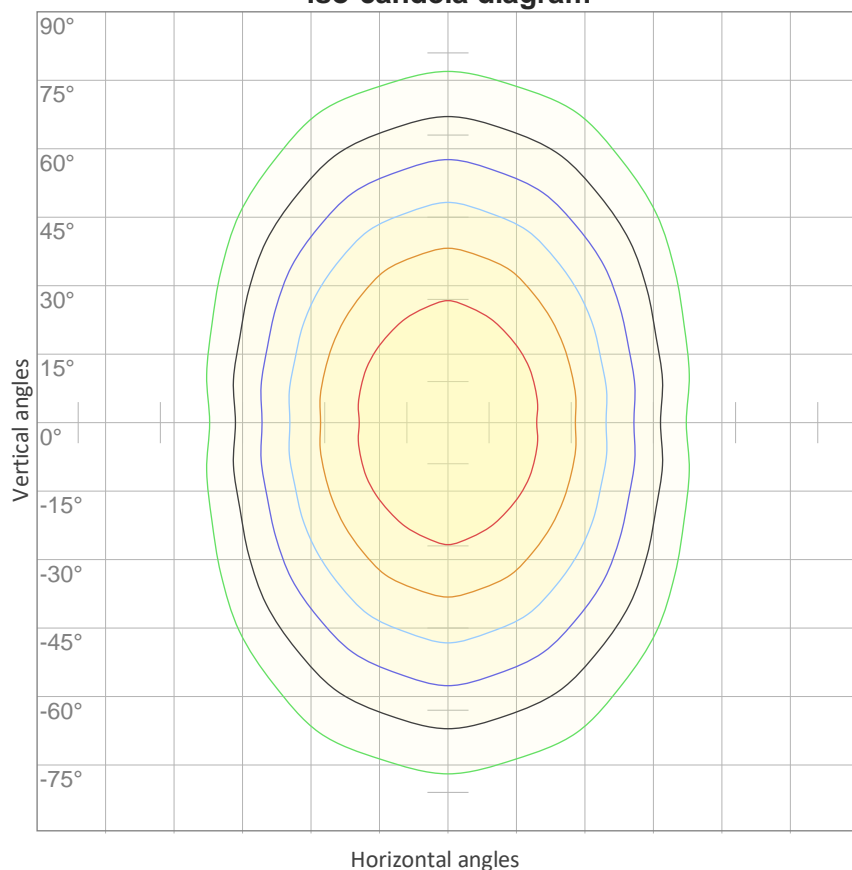
[illegible]

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°
72,5	71,9	70,0	66,6	61,9	56,5	50,5	44,2	38,1	32,0	26,3	21,2	16,6	12,8	9,4	6,6	3,8	2,6	0,8	0,6
100%	99%	97%	92%	85%	78%	70%	61%	52%	44%	36%	29%	23%	18%	13%	9%	5%	4%	1%	1%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
125,6°	219,3°	268,1°	58,5%	38,8%

iso-candela diagram



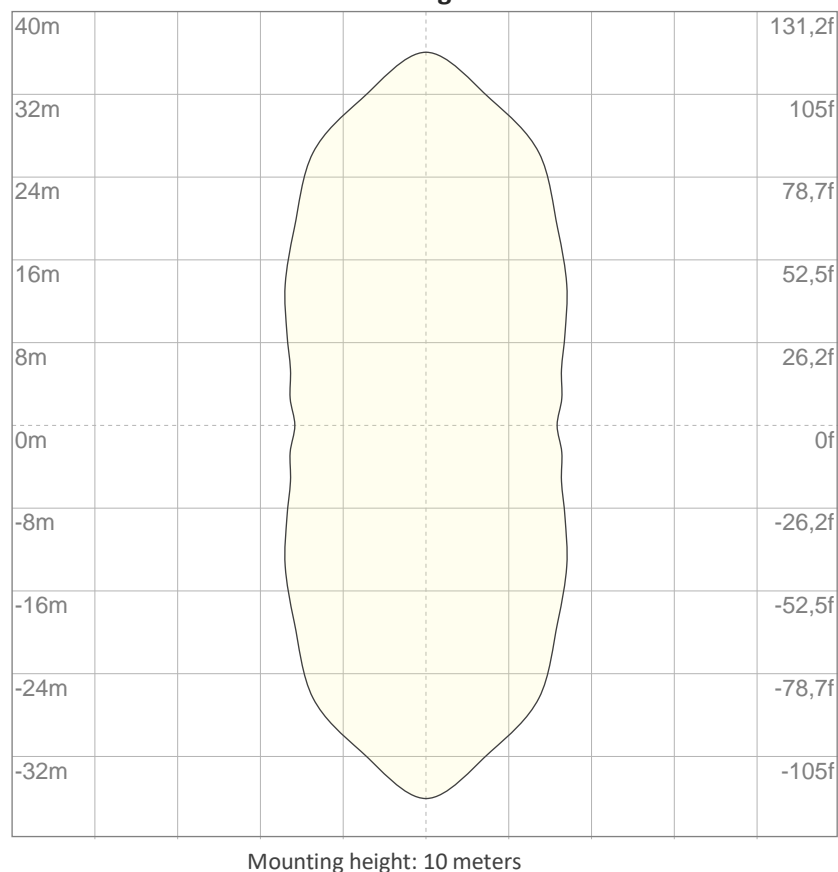
10%	7 cd
20%	15 cd
30%	22 cd
40%	29 cd
50%	36 cd
60%	44 cd
70%	51 cd
80%	58 cd
90%	65 cd

Conditions:

Number of c-planes: 16

Candela at center: 73 cd

iso-lux diagram



3%	21,8m lx
5%	36,3m lx
10%	72,5m lx
30%	0,218 lx
50%	0,363 lx

Conditions:

Number of c-planes: 16

Lux at center: 0,725 lx

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

Potência

Vttagem: 12,0 V

Corrente: 0,792 A

Frequência: 0 Hz

FP: 1,0

THD



THD corrente: n/a

THD tensão: n/a