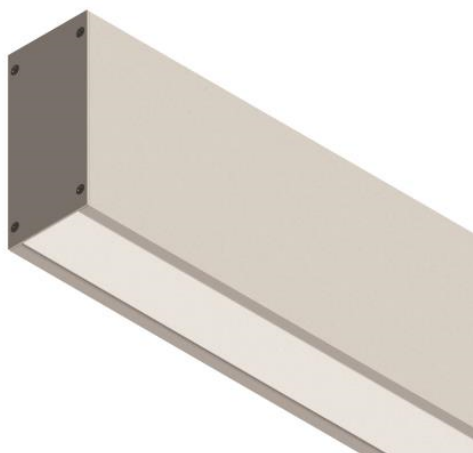


W96 SLED9006 BRANCA FITA 14,4WM 5500K 80 - 1m



Luminária linear de sobrepor na parede 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 – 1004 lm/m

Potência – 13,8 W/m

Intensidade pico – 373cd

CCT – 5739K



IRC – 85,8

Coordenada CIE 1931 – x- 0,327 y- 0,338

A x L - 96x46

Peso - 1,43kg/m

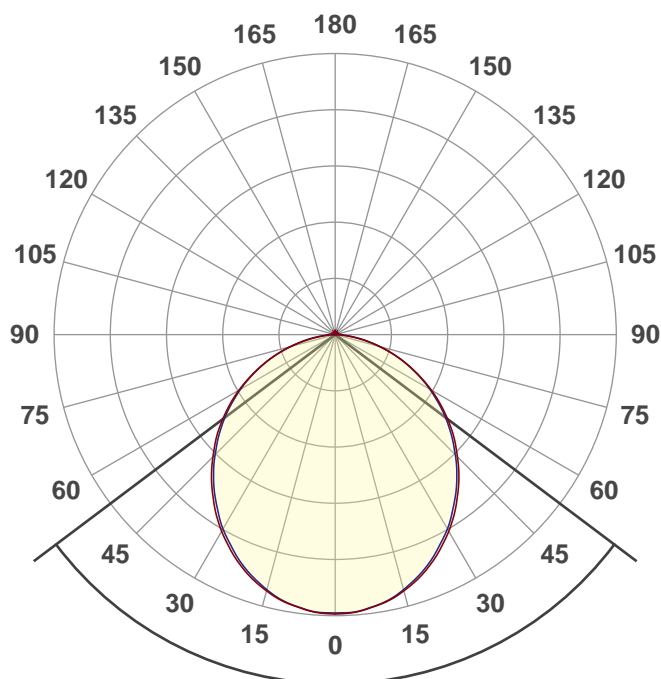
IP - 20 - Uso Interno

IK - 00 – Não aplicável

Alimentação - 12vdc

Data do ensaio

03/11/2022 10:34:25



Facho de abertura

106,1°

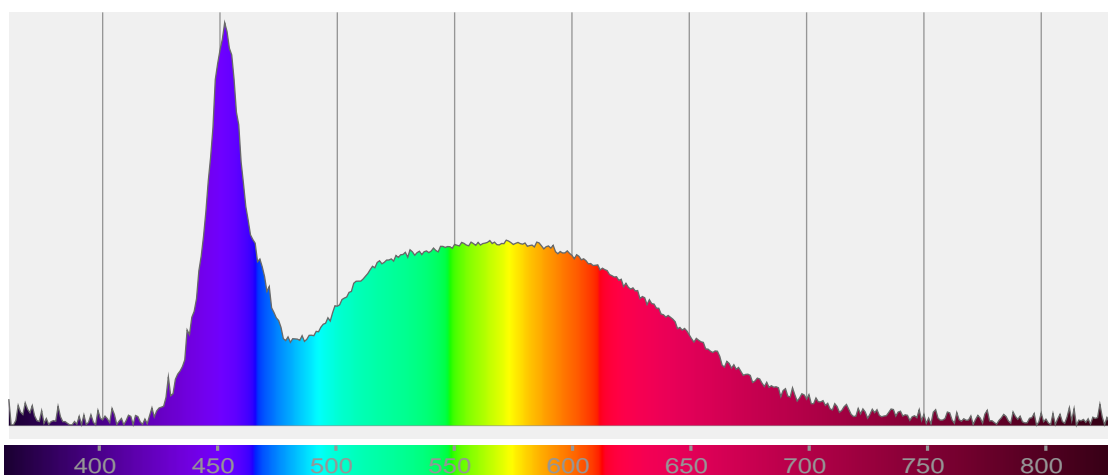
Rf 84,5

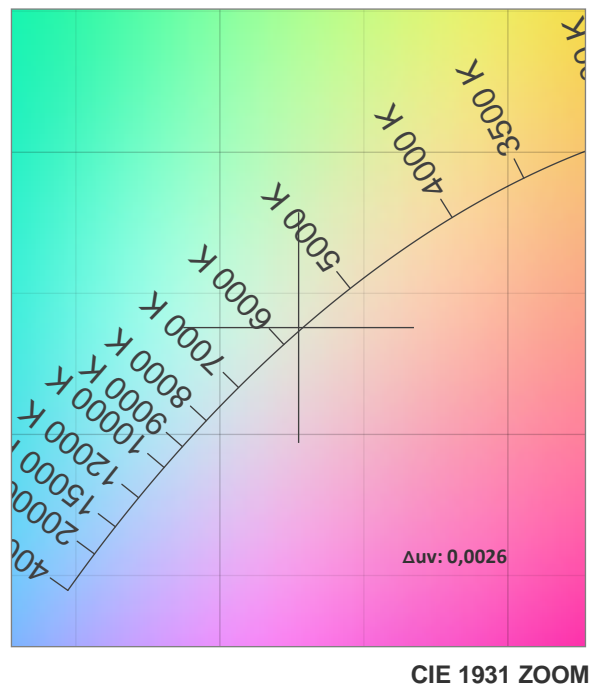
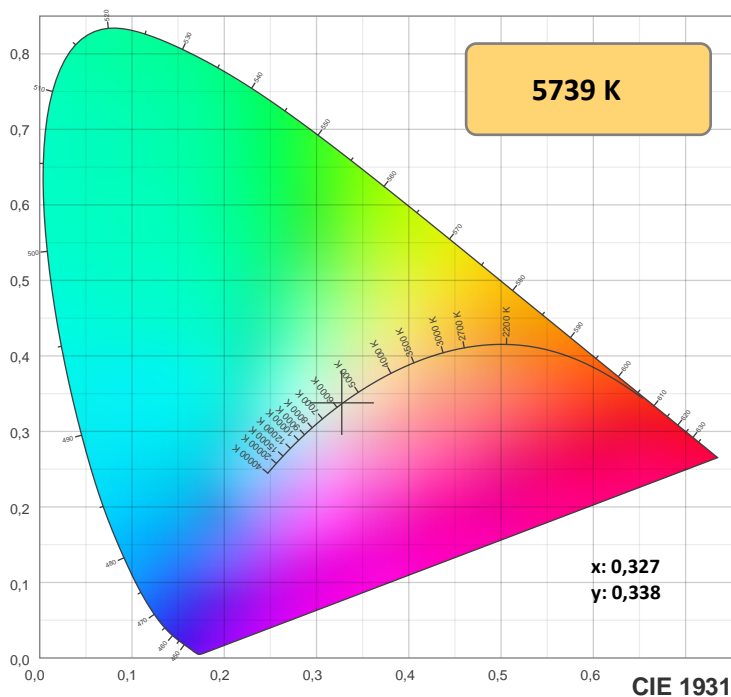
Fidelity index Rf

Rg 96,4

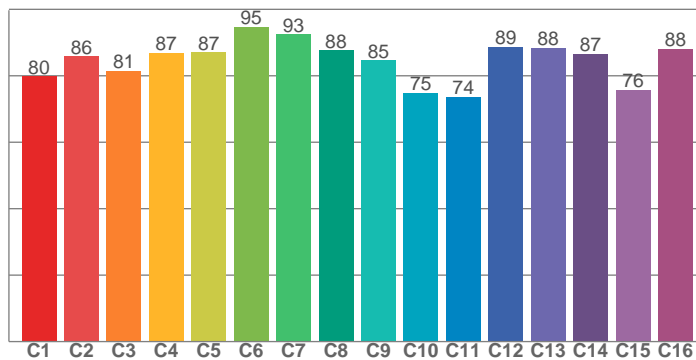
Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	80	-10%	0%
2	86	-6%	6%
3	81	-4%	10%
4	87	0%	7%
5	87	0%	4%
6	95	2%	0%
7	93	-4%	-2%
8	88	-7%	1%
9	85	-9%	10%
10	75	-5%	15%
11	74	2%	16%
12	89	5%	6%
13	88	8%	-3%
14	87	4%	-6%
15	76	6%	-21%
16	88	-5%	-5%

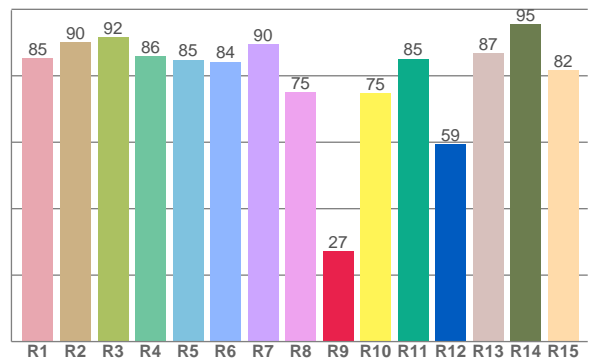




TM-30: 84,5



CRI: 85,8 (R1-R8)



CRIRA R1-R8 / CRIR R1-R15

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
85,2	90,0	91,5	85,9	84,9	84,2	89,6	75,1	27,2	74,8	85,1	59,4	86,9	95,5	81,6

TM30 valores C. 16 valores extraídos dos 99.

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
79,8	85,9	81,5	86,8	87,1	94,6	92,5	87,7	84,7	74,9	73,7	88,7	88,4	86,6	75,7	88,2

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
5739 K	85,8	27,2	84,5	96,4	82,4	0,327	0,338	0,205	0,317	0,0026

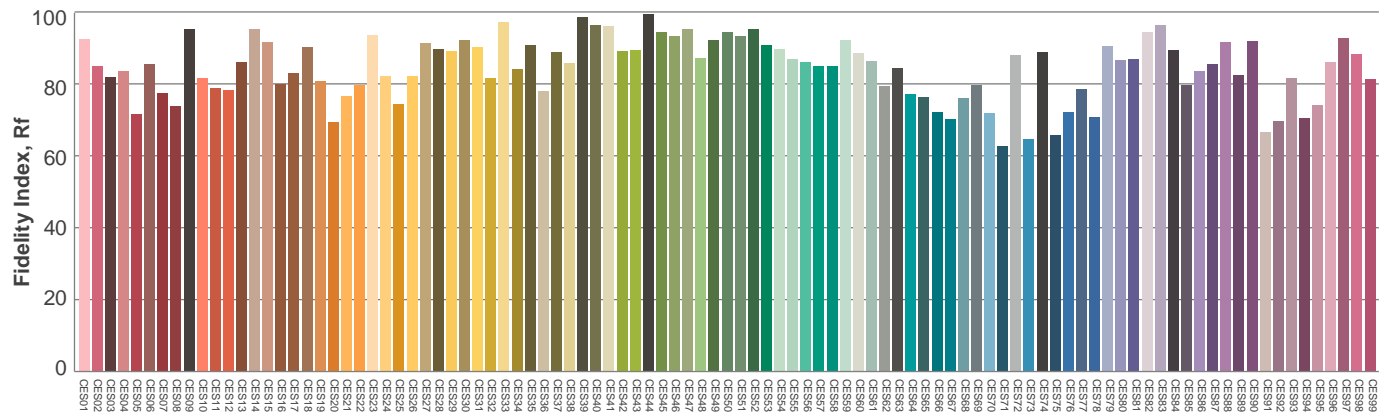
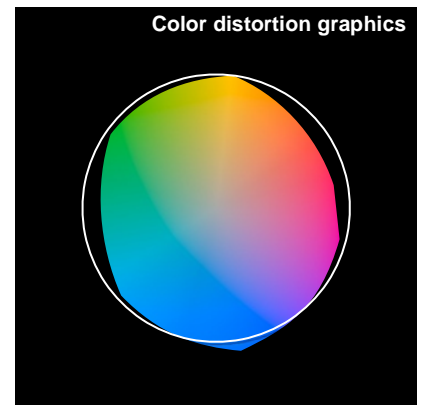
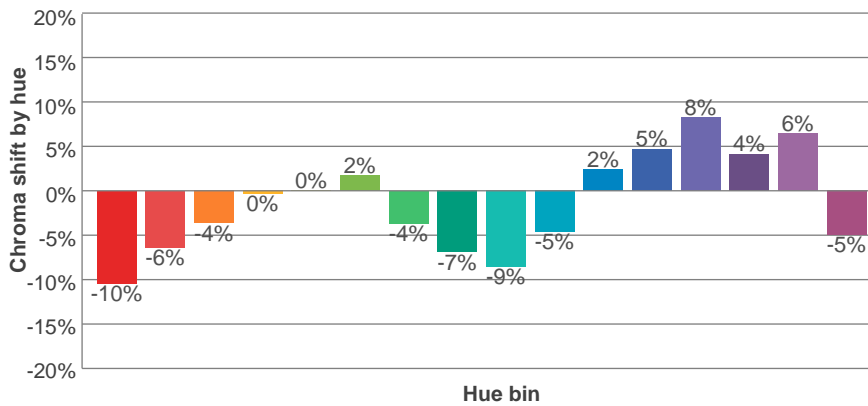
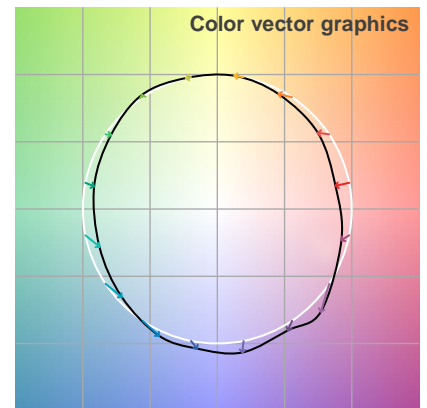
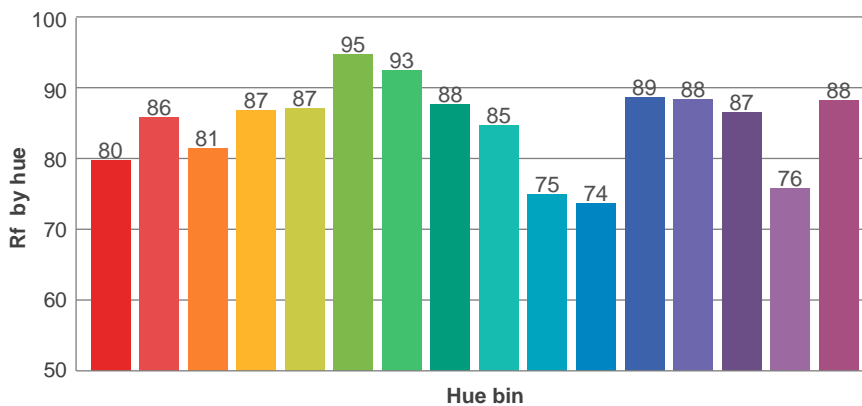
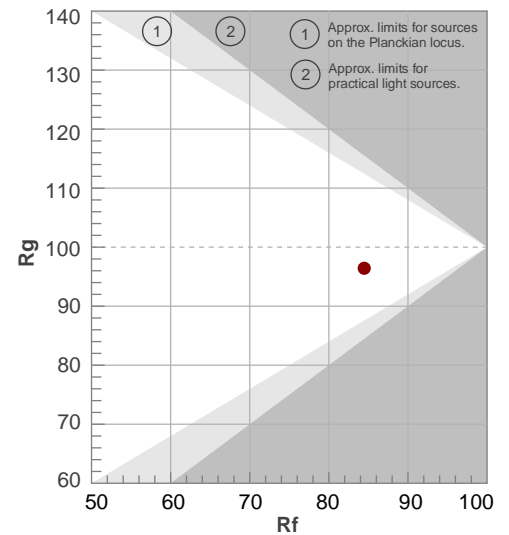
Rf 84,5

Fidelity index Rf

Rg 96,4

Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	80	-10%	0%
2	86	-6%	6%
3	81	-4%	10%
4	87	0%	7%
5	87	0%	4%
6	95	2%	0%
7	93	-4%	-2%
8	88	-7%	1%
9	85	-9%	10%
10	75	-5%	15%
11	74	2%	16%
12	89	5%	6%
13	88	8%	-3%
14	87	4%	-6%
15	76	6%	-21%
16	88	-5%	-5%



Glare Evaluation According to UGR

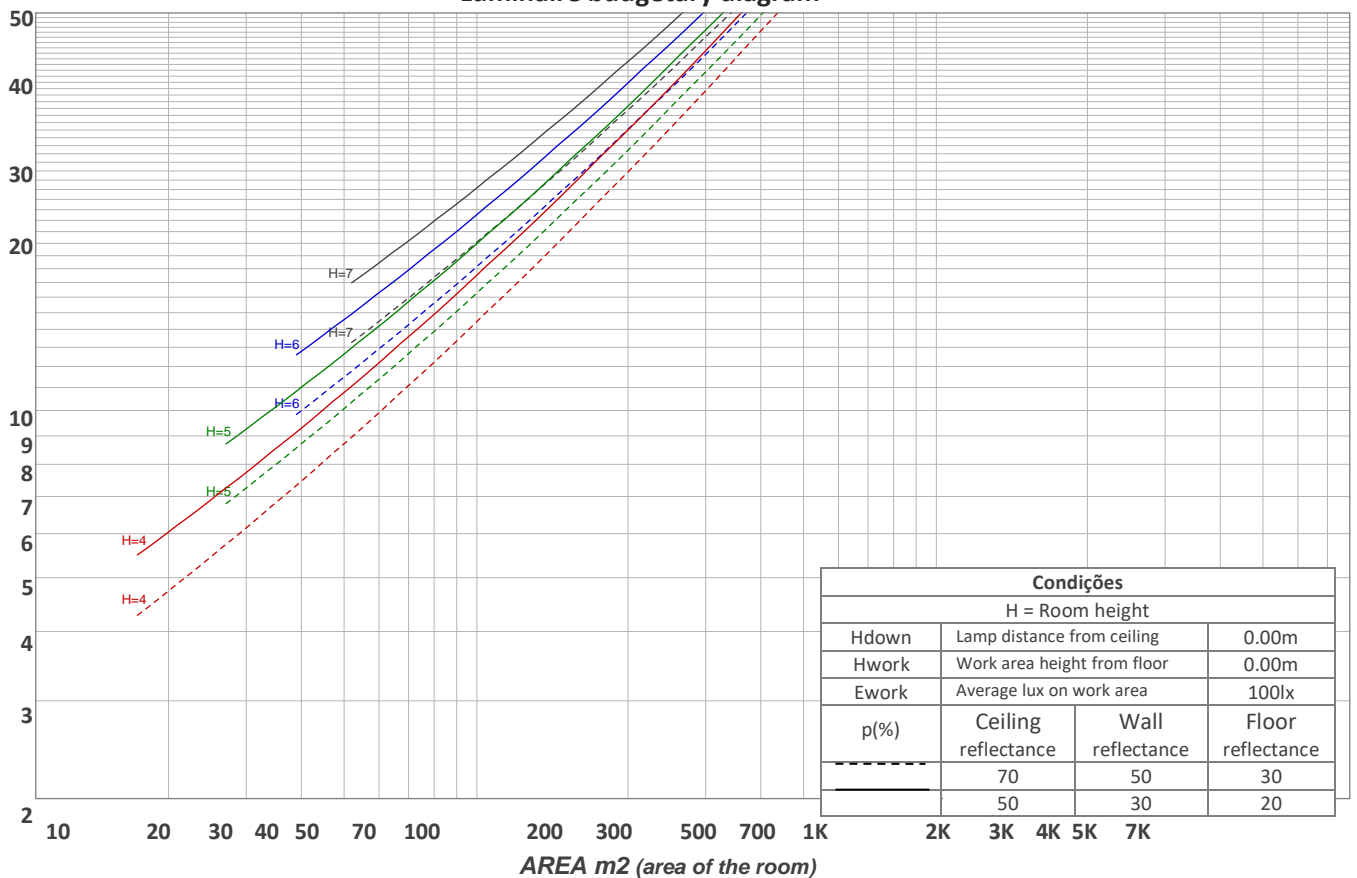
p Ceiling		70	70	50	50	30	70	70	50	50	30
p Walls		50	30	50	30	30	50	30	50	30	30
p Floor		20	20	20	20	20	20	20	20	20	20
Room size X Y		Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H	2H	20,4	21,6	20,6	21,9	22,2	20,3	21,5	20,6	21,8	22,1
	3H	21,8	23,0	22,2	23,3	23,5	21,7	22,9	22,1	23,2	23,5
	4H	22,4	23,5	22,8	23,8	24,1	22,3	23,5	22,7	23,8	24,1
	6H	22,8	23,8	23,1	24,1	24,5	22,8	23,8	23,1	24,1	24,5
	8H	22,9	23,9	23,2	24,2	24,7	22,9	23,9	23,3	24,2	24,7
	12H	22,9	23,9	23,3	24,2	24,7	23,0	24,0	23,4	24,3	24,8
4H	2H	21,0	22,1	21,4	22,4	22,7	20,9	22,1	21,3	22,4	22,6
	3H	22,7	23,7	23,1	24,0	24,5	22,6	23,6	23,0	23,9	24,4
	4H	23,3	24,2	23,8	24,6	25,2	23,3	24,2	23,7	24,6	25,1
	6H	23,8	24,6	24,3	25,0	25,4	23,8	24,6	24,3	25,0	25,4
	8H	23,9	24,7	24,4	25,1	25,5	24,0	24,7	24,5	25,1	25,5
	12H	24,0	24,6	24,5	25,1	25,6	24,1	24,7	24,6	25,2	25,7
8H	4H	23,6	24,3	24,1	24,7	25,1	23,5	24,3	24,0	24,7	25,1
	6H	24,2	24,8	24,7	25,3	25,8	24,2	24,8	24,7	25,3	25,8
	8H	24,4	24,9	24,9	25,5	26,1	24,5	25,0	25,0	25,5	26,2
	12H	24,5	25,0	25,1	25,5	26,1	24,7	25,1	25,3	25,6	26,2
12H	4H	23,6	24,2	24,1	24,7	25,2	23,5	24,2	24,0	24,6	25,1
	6H	24,3	24,8	24,8	25,3	26,0	24,3	24,8	24,8	25,3	26,0
	8H	24,5	24,9	25,1	25,4	26,1	24,6	25,0	25,2	25,5	26,1
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 / -0,3				
S = 2.0H		0,5 / -0,6					0,4 / -0,5				
Standard table		n/a					n/a				
Correction summand		n/a					n/a				
Corrected glare indices referring to 1004 lm total luminous flux											

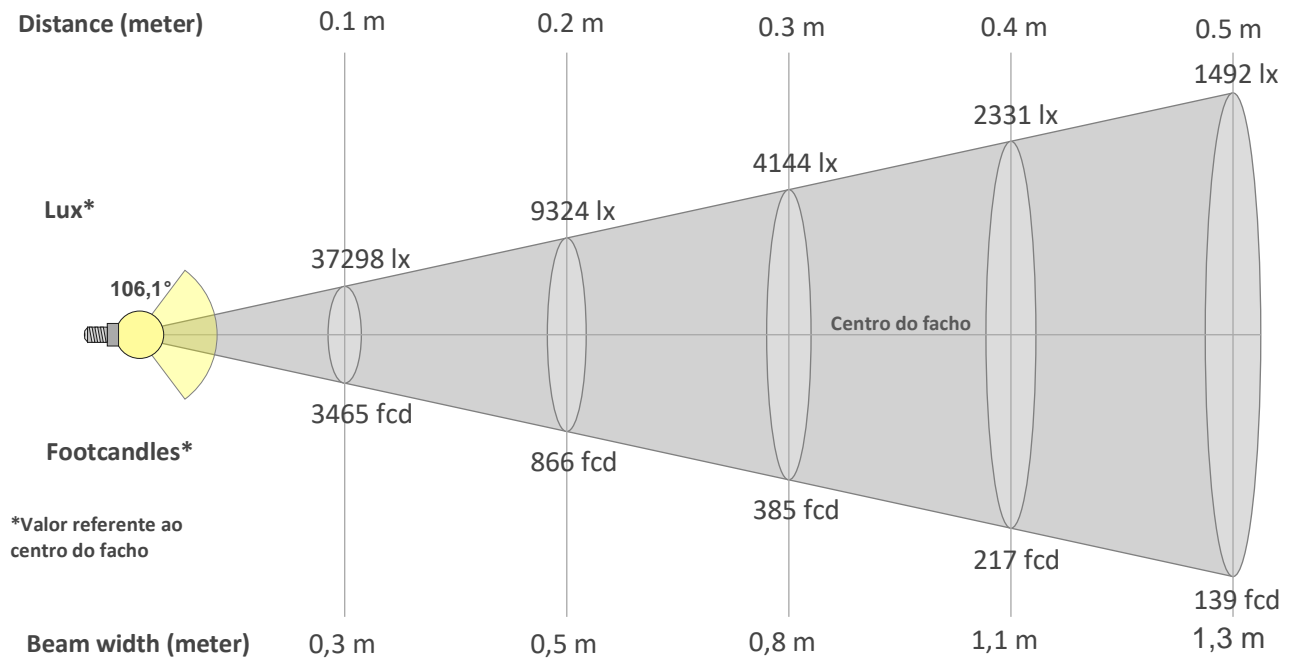
Coeficiente de utilização

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	119	119	119	119	116	116	116	116	110	110	110	105	105	105	101	101	101	99
1	109	104	100	96	106	102	98	94	97	94	91	93	90	88	89	87	85	83
2	99	91	84	78	96	89	83	77	85	80	75	82	77	73	78	75	72	69
3	90	80	72	65	88	78	71	65	75	69	63	72	67	62	69	65	61	59
4	83	71	62	55	80	69	61	55	67	60	54	64	58	53	62	57	52	50
5	76	63	54	48	74	62	54	48	60	53	47	58	51	46	56	50	46	43
6	70	57	48	42	68	56	48	42	54	47	41	52	46	41	51	45	40	38
7	65	52	43	37	63	51	43	37	49	42	36	48	41	36	46	40	36	34
8	61	47	39	33	59	47	39	33	45	38	33	44	37	32	43	37	32	30
9	57	43	35	30	55	43	35	30	42	34	29	40	34	29	39	33	29	27
10	53	40	32	27	52	40	32	27	38	32	27	37	31	27	37	31	26	25

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
373lx	93lx	41lx	23lx	15lx	10lx	8lx	6lx	5lx	4lx	3lx	3lx	2lx	2lx	2lx	1lx	1lx	1lx	1lx	1lx
34,7fcd	8,7fcd	3,9fcd	2,2fcd	1,4fcd	1fcd	0,7fcd	0,5fcd	0,4fcd	0,3fcd	0,3fcd	0,2fcd	0,2fcd	0,2fcd	0,2fcd	0,1fcd	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°
373	371	364	354	341	323	303	281	257	231	205	177	148	119	90	61	34	12	2	2
100%	99%	98%	95%	91%	87%	81%	75%	69%	62%	55%	47%	40%	32%	24%	16%	9%	3%	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°
373	370	364	353	338	320	300	276	253	227	201	174	146	117	90	62	37	15	3	2
100%	99%	98%	95%	91%	86%	80%	74%	68%	61%	54%	47%	39%	31%	24%	17%	10%	4%	1%	0%

Intensities in 180° c-plane

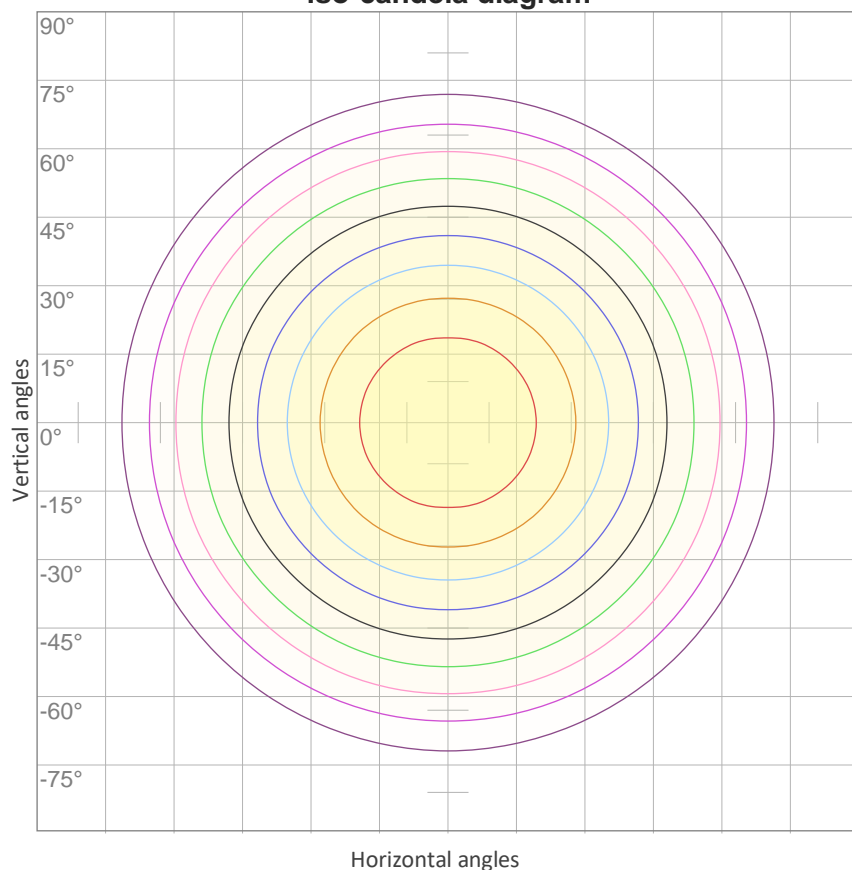
0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
373	371	364	354	341	323	303	281	257	231	205	177	148	119	90	61	34	12	2	2
100%	99%	98%	95%	91%	87%	81%	75%	69%	62%	55%	47%	40%	32%	24%	16%	9%	3%	1%	1%

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°
373	370	364	353	338	320	300	276	253	227	201	174	146	117	90	62	37	15	3	2
100%	99%	98%	95%	91%	86%	80%	74%	68%	61%	54%	47%	39%	31%	24%	17%	10%	4%	1%	0%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
106,1°	159,2°	172,9°	78,9%	54,5%

iso-candela diagram



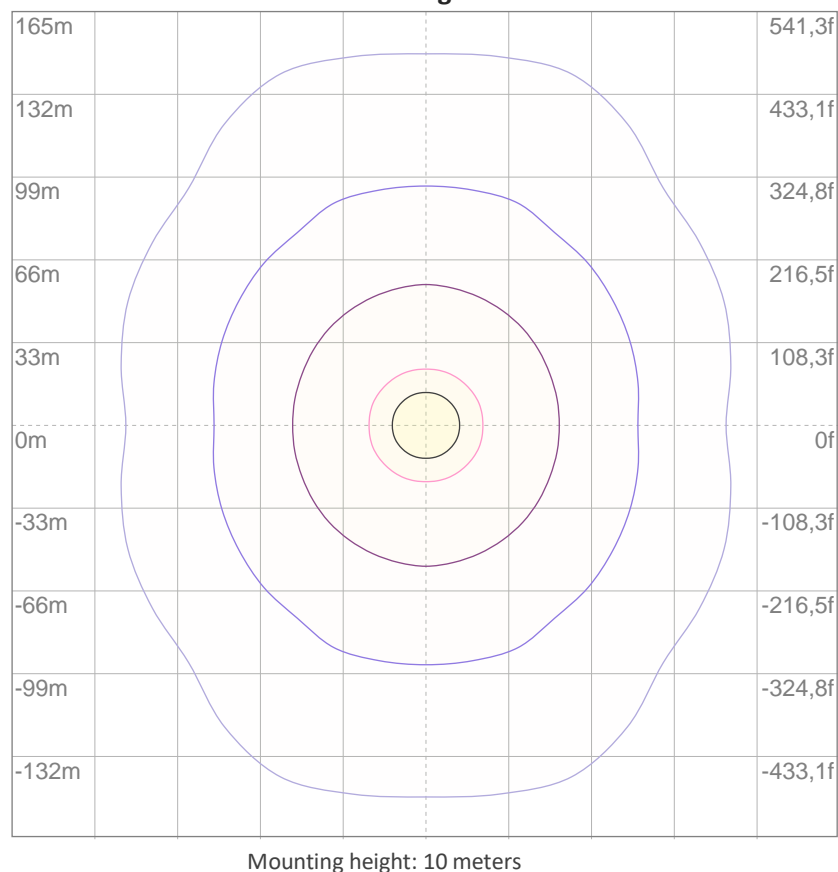
10%	37 cd
20%	75 cd
30%	112 cd
40%	149 cd
50%	186 cd
60%	224 cd
70%	261 cd
80%	298 cd
90%	336 cd

Conditions:

Number of c-planes: 16

Candela at center: 373 cd

iso-lux diagram



3%	0,112 lx
5%	0,186 lx
10%	0,373 lx
30%	1,12 lx
50%	1,86 lx

Conditions:

Number of c-planes: 16

Lux at center: 3,73 lx

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

Potência

Vttagem: 12,0 V

Corrente: 1,15 A

Frequência: 0 Hz

FP: 1,0

THD



THD corrente: n/a

THD tensão: n/a