

K39N SLED9020N BRANCA FITA 19WM 5500K 80 - 1m

Luminária linear pendente com iluminação direta e indireta difusa. Corpo em alumínio extrudado com acabamento na cor branca. Difusor em acrílico extrudado leitoso. Indicado para residência, recepção, escritório etc. Acessórios são de acordo com a instalação. Quantidade lumens esta proporcional a soma de lumens superior e inferior.

Fluxo luminoso – 2252 lm/m

Potência – 37,4 W/m

Intensidade pico – 450cd

CCT – 5851K



IRC – 85,6

Coordenada CIE 1931 – x- 0,325 y- 0,338

A x L - 115x38

Peso - 2,20kg/m

IP - 20 - Uso Interno

IK - 00 – Não aplicável

Alimentação - 12vdc

Data do ensaio

16/08/2021 13:25:37

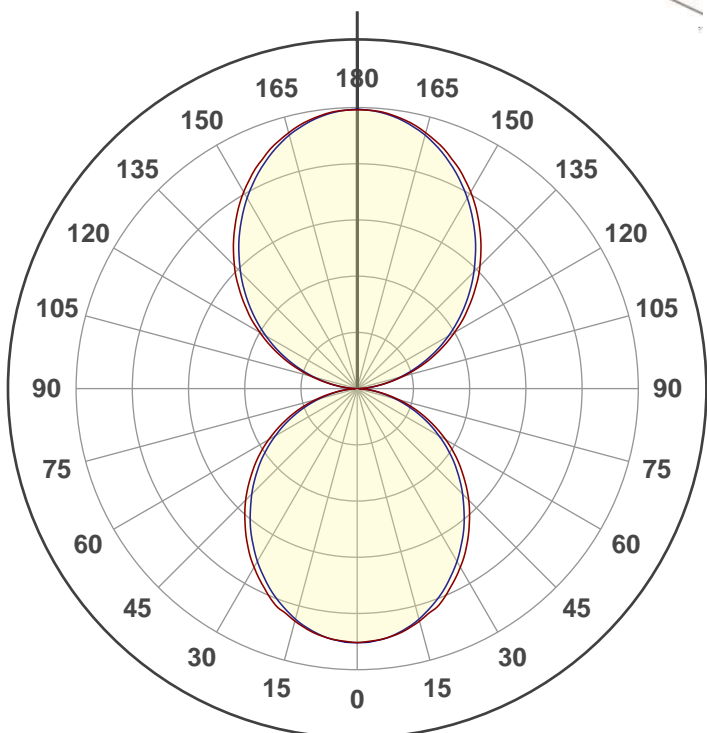
Rf 83,4

Fidelity index Rf

Rg 93,1

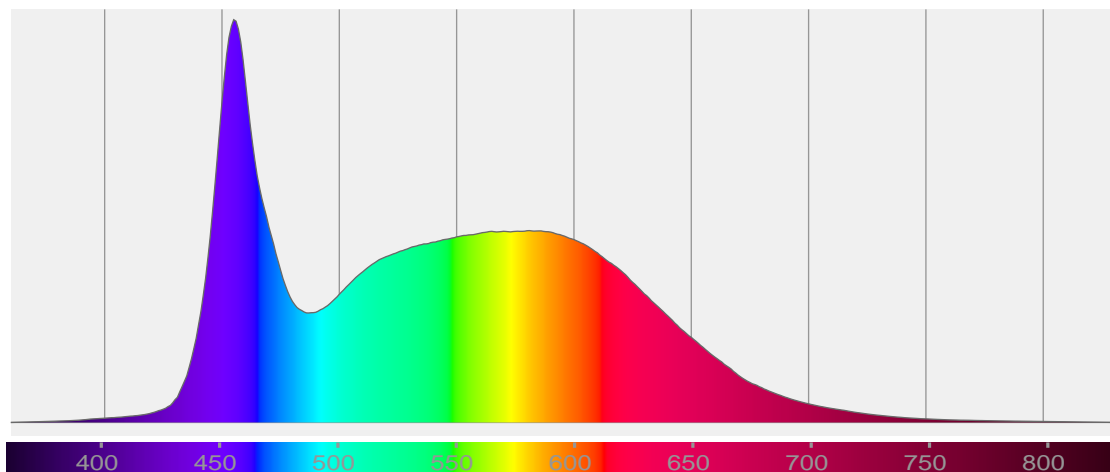
Gamut index Rg

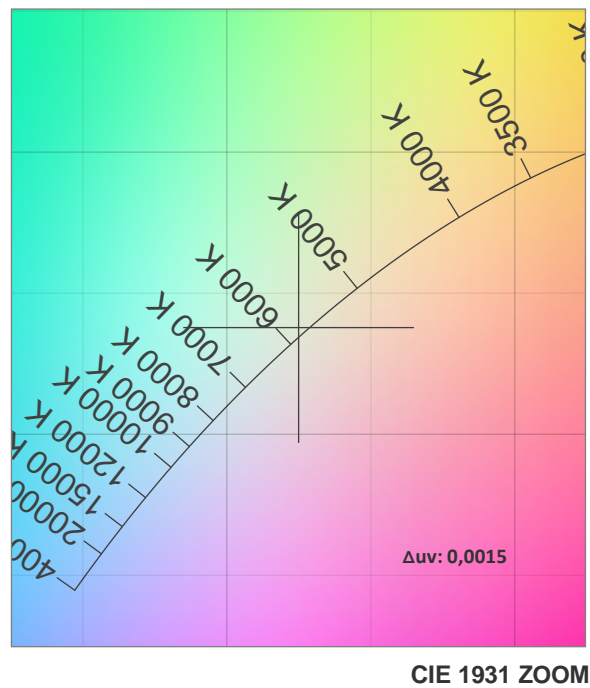
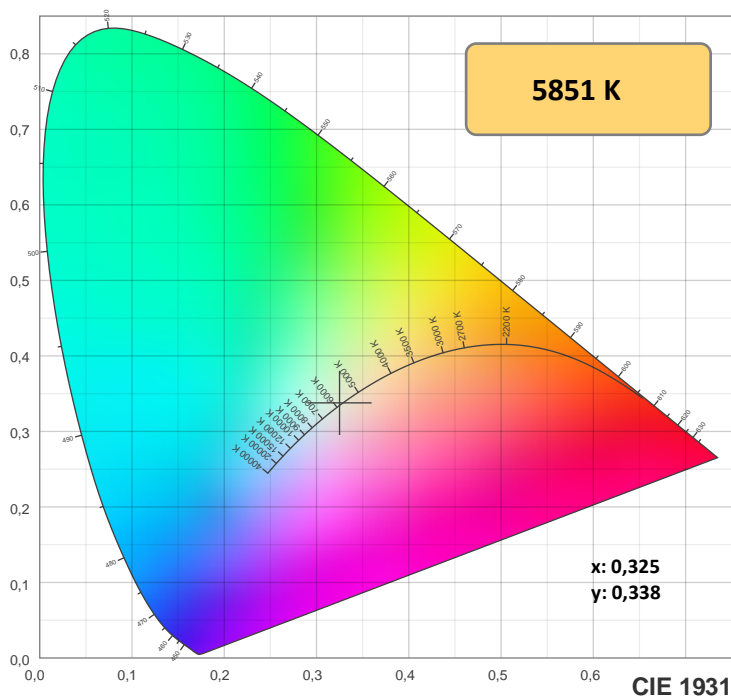
Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	76	-12%	1%
2	86	-6%	6%
3	84	-4%	7%
4	88	-3%	3%
5	87	-5%	1%
6	92	-5%	-2%
7	90	-6%	0%
8	82	-9%	6%
9	81	-8%	16%
10	73	-3%	17%
11	77	5%	13%
12	92	5%	0%
13	86	6%	-9%
14	84	1%	-10%
15	72	3%	-24%
16	86	-8%	-3%



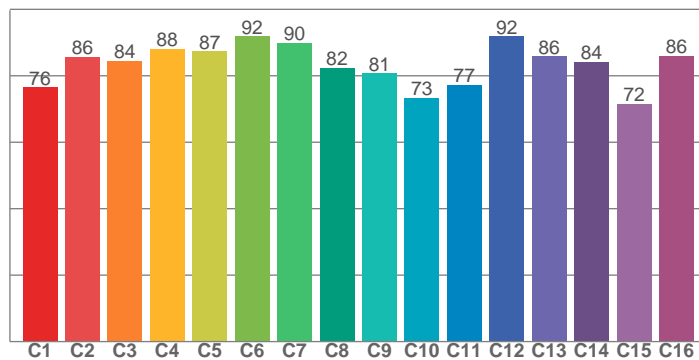
Facho de abertura

360°

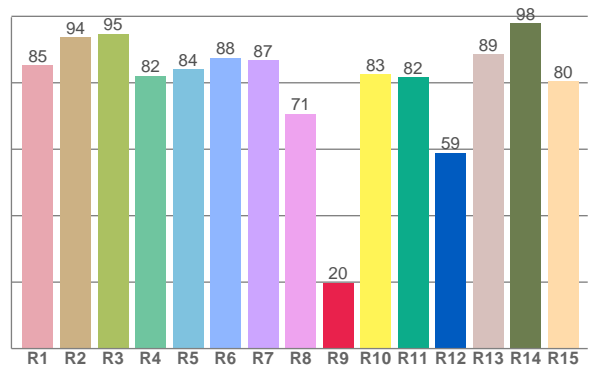




TM-30: 83,4



CRI: 85,6 (R1-R8)



CRIRA R1-R8 / CRIR R1-R15

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
85,3	93,6	94,8	82,1	84,1	87,6	86,8	70,6	19,8	82,5	81,7	58,9	88,6	97,9	80,4

TM30 valores C. 16 valores extraídos dos 99.

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
76,5	85,6	84,5	88,1	87,3	91,9	89,9	82,4	80,7	73,3	77,2	91,8	85,9	84,1	71,6	85,9

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
5851 K	85,6	19,8	83,4	93,1	81,9	0,325	0,338	0,203	0,317	0,0015

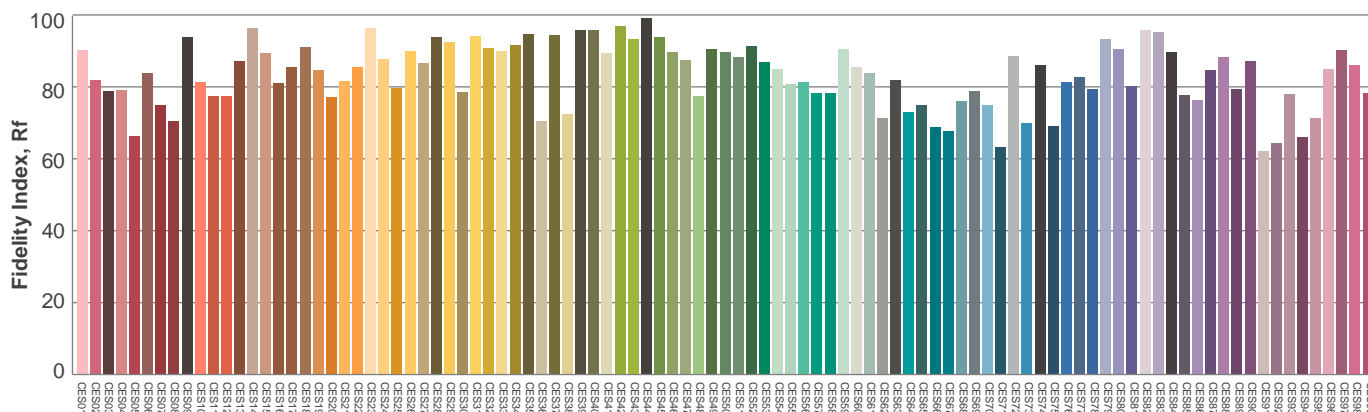
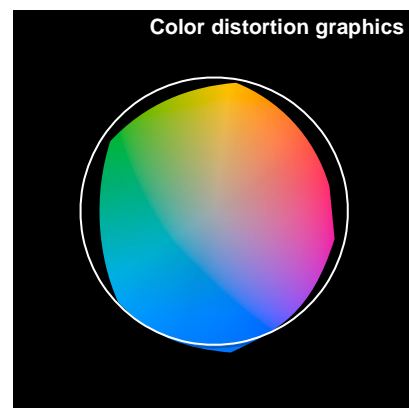
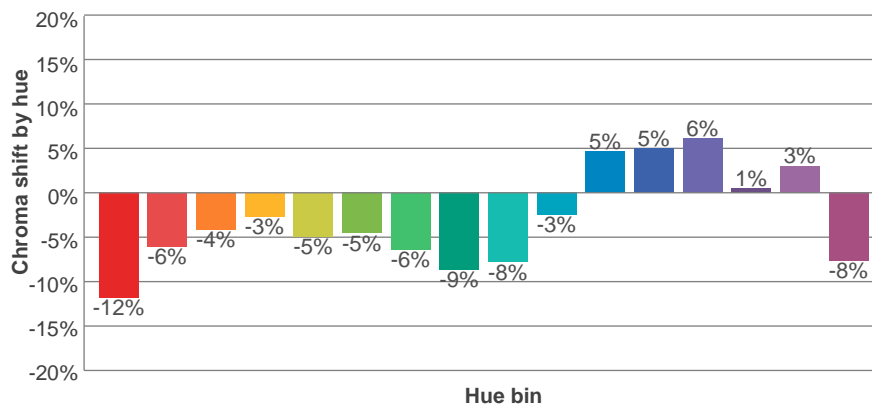
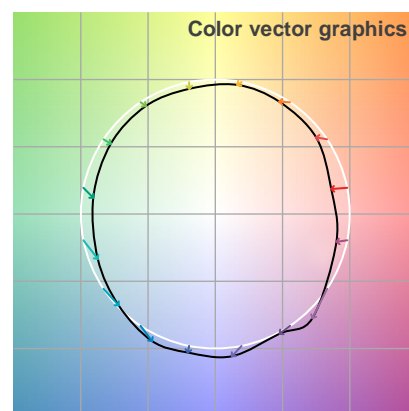
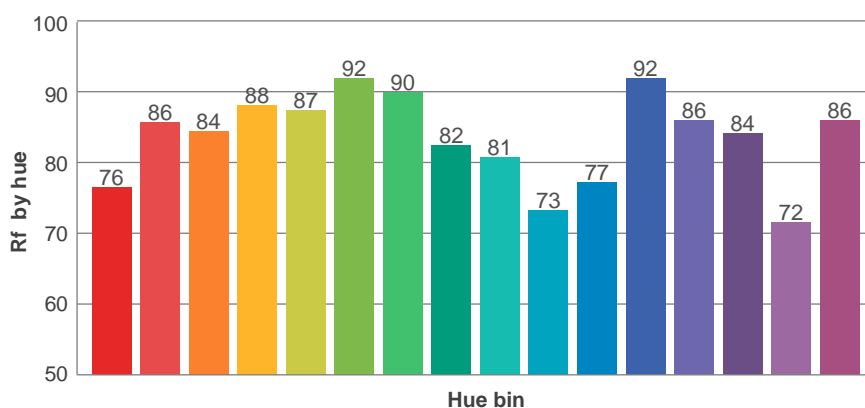
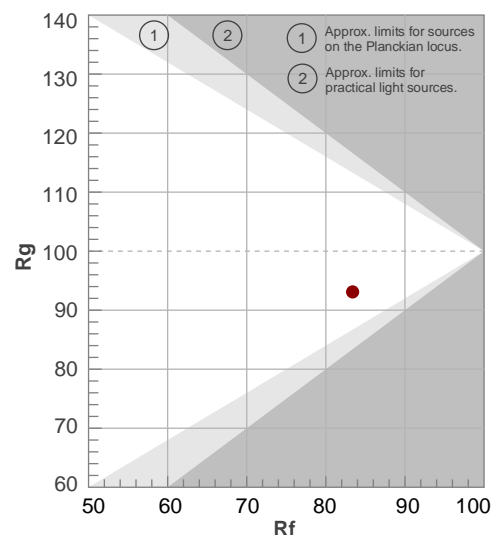
Rf 83,4

Fidelity index Rf

Rg 93,1

Gamut index Rg

Hue Bin	R _i	Shifts (%)	
		Chroma	Hue
1	76	-12%	1%
2	86	-6%	6%
3	84	-4%	7%
4	88	-3%	3%
5	87	-5%	1%
6	92	-5%	-2%
7	90	-6%	0%
8	82	-9%	6%
9	81	-8%	16%
10	73	-3%	17%
11	77	5%	13%
12	92	5%	0%
13	86	6%	-9%
14	84	1%	-10%
15	72	3%	-24%
16	86	-8%	-3%



Avaliação todas as amostras de cores

Glare Evaluation According to UGR

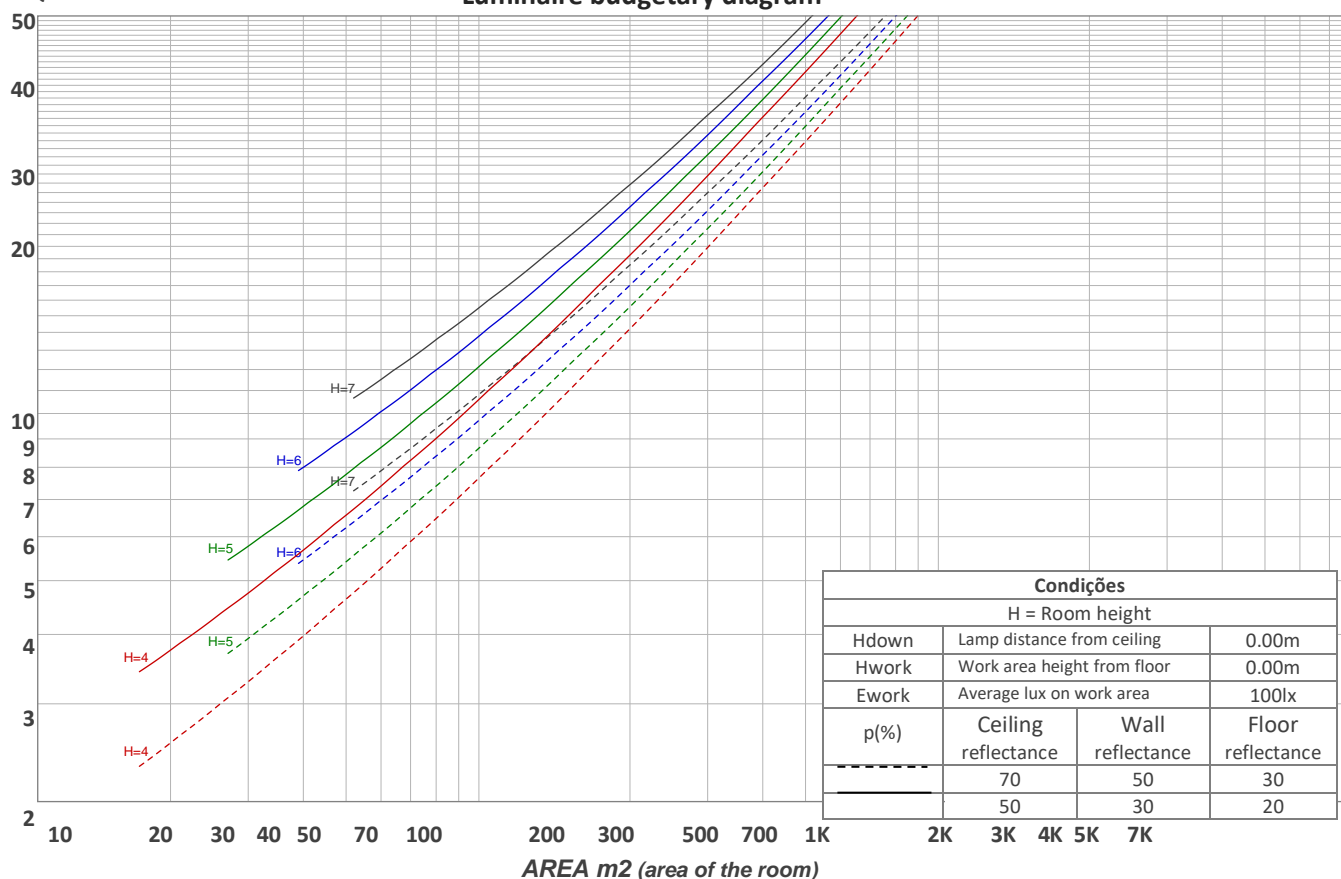
p Ceiling		70	70	50	50	30	70	70	50	50	30
p Walls		50	30	50	30	30	50	30	50	30	30
p Floor		20	20	20	20	20	20	20	20	20	20
Room size X Y		Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H	2H	16,8	17,6	17,7	18,4	19,6	16,4	17,2	17,4	18,1	19,3
	3H	18,2	18,9	19,1	19,8	20,9	17,8	18,5	18,7	19,4	20,5
	4H	18,7	19,4	19,7	20,3	21,4	18,3	18,9	19,2	19,9	21,0
	6H	19,1	19,6	20,0	20,6	21,8	18,6	19,2	19,6	20,2	21,3
	8H	19,2	19,8	20,1	20,7	21,9	18,7	19,4	19,7	20,3	21,4
	12H	19,2	19,9	20,2	20,7	21,9	18,7	19,5	19,7	20,3	21,4
4H	2H	17,2	17,9	18,2	18,8	19,9	17,0	17,6	17,9	18,5	19,7
	3H	18,8	19,6	19,8	20,4	21,5	18,5	19,2	19,4	20,0	21,2
	4H	19,4	20,4	20,4	21,0	22,1	19,0	20,0	20,0	20,6	21,8
	6H	19,9	20,4	20,9	21,3	22,4	19,5	20,0	20,5	20,9	22,1
	8H	20,0	20,4	21,0	21,4	22,5	19,6	20,0	20,6	21,0	22,1
	12H	20,1	20,4	21,0	21,4	22,5	19,7	20,0	20,6	21,0	22,1
8H	4H	19,6	20,0	20,6	20,9	22,1	19,2	19,6	20,2	20,6	21,8
	6H	20,1	20,4	21,1	21,5	22,6	19,8	20,1	20,8	21,1	22,3
	8H	20,3	20,5	21,4	21,6	22,8	20,0	20,2	21,0	21,3	22,5
	12H	20,4	20,6	21,5	21,7	22,9	20,1	20,3	21,1	21,3	22,5
12H	4H	19,5	19,8	20,5	20,9	22,0	19,2	19,5	20,2	20,6	21,7
	6H	20,1	20,4	21,2	21,4	22,7	19,8	20,0	20,8	21,1	22,3
	8H	20,3	20,6	21,4	21,6	22,8	20,0	20,2	21,1	21,3	22,4
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 / -0,2					0,2 / -0,3				
S = 2.0H		0,5 / -0,5					0,4 / -0,6				
Standard table		n/a					n/a				
Correction summand		n/a					n/a				
Corrected glare indices referring to 2252 lm total luminous flux											

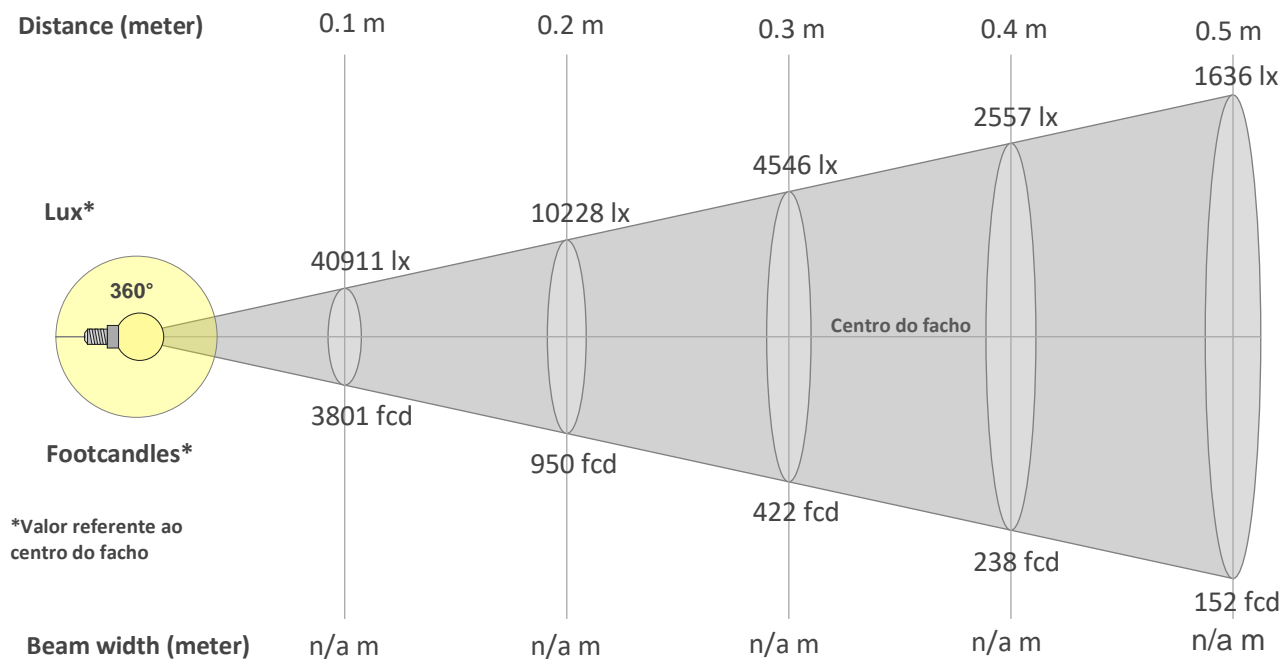
Coeficiente de utilização

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	107	107	107	107	98	98	98	98	82	82	82	67	67	67	54	54	54	47
1	97	93	89	86	89	86	82	79	72	69	67	59	58	56	48	46	45	40
2	88	81	75	70	81	75	69	65	63	59	56	52	49	47	42	40	38	33
3	81	71	64	58	74	66	59	54	55	51	47	46	42	39	37	35	32	28
4	74	63	55	49	68	58	51	46	49	44	40	41	37	34	33	30	28	24
5	68	56	48	42	62	52	45	39	44	38	34	37	32	29	30	27	24	21
6	62	50	42	36	57	47	39	34	40	34	30	33	29	26	27	24	21	18
7	58	45	37	32	53	42	35	30	36	30	26	30	26	23	25	21	19	16
8	53	41	33	28	49	38	31	26	33	27	23	27	23	20	23	19	17	15
9	50	38	30	25	46	35	28	24	30	25	21	25	21	18	21	18	15	13
10	46	34	27	22	43	32	26	21	28	22	19	23	19	16	19	16	14	12

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
409lx	102lx	45lx	26lx	16lx	11lx	8lx	6lx	5lx	4lx	3lx	3lx	2lx	2lx	2lx	2lx	1lx	1lx	1lx	1lx
38fcd	9,5fcd	4,2fcd	2,4fcd	1,5fcd	1,1fcd	0,8fcd	0,6fcd	0,5fcd	0,4fcd	0,3fcd	0,3fcd	0,2fcd	0,2fcd	0,2fcd	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°
409	401	379	346	303	254	202	146	89	34	5	38	98	161	221	280	333	380	417	441
100%	98%	93%	85%	74%	62%	49%	36%	22%	8%	1%	9%	24%	39%	54%	68%	81%	93%	102%	108%

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°
409	400	374	336	290	240	188	135	80	32	4	37	91	150	209	266	320	370	411	439
100%	98%	91%	82%	71%	59%	46%	33%	20%	8%	1%	9%	22%	37%	51%	65%	78%	90%	101%	107%

Intensities in 180° c-plane

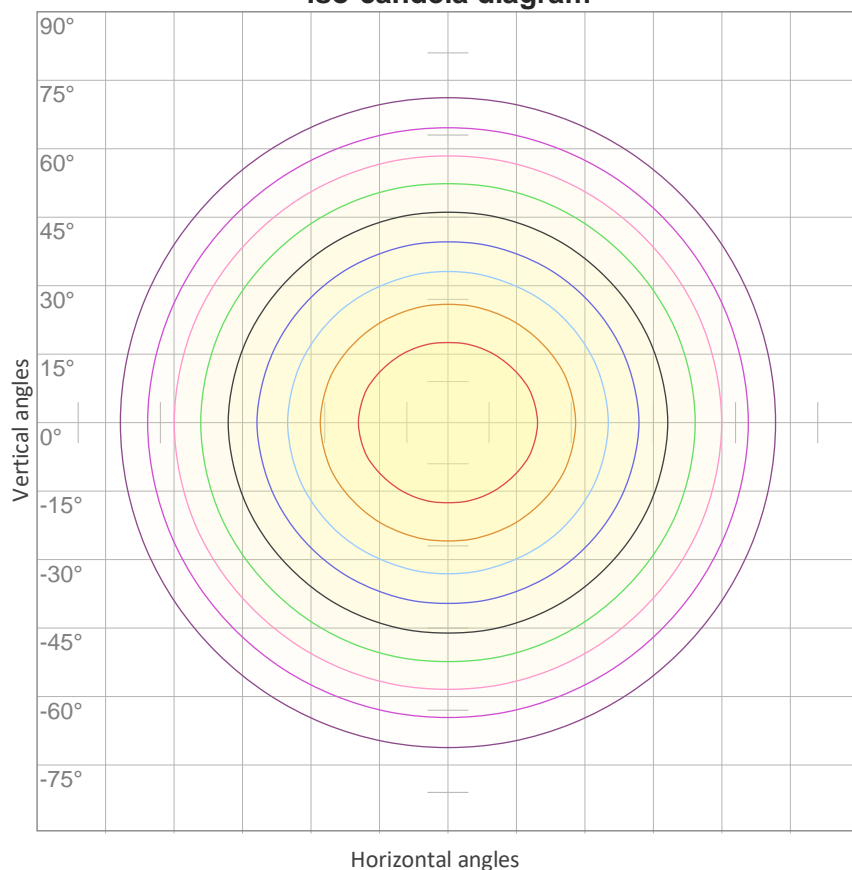
0°	9°	18°	27°	36°	45°	54°	63°	72°	81°	90°	99°	108°	117°	126°	135°	144°	153°	162°	171°
409	401	379	346	303	254	202	146	89	34	5	38	98	161	221	280	333	380	417	441
100%	98%	93%	85%	74%	62%	49%	36%	22%	8%	1%	9%	24%	39%	54%	68%	81%	93%	102%	108%

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°
409	400	374	336	290	240	188	135	80	32	4	37	91	150	209	266	320	370	411	439
100%	98%	91%	82%	71%	59%	46%	33%	20%	8%	1%	9%	22%	37%	51%	65%	78%	90%	101%	107%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
360°	360°	360°	38,0%	26,4%

iso-candela diagram



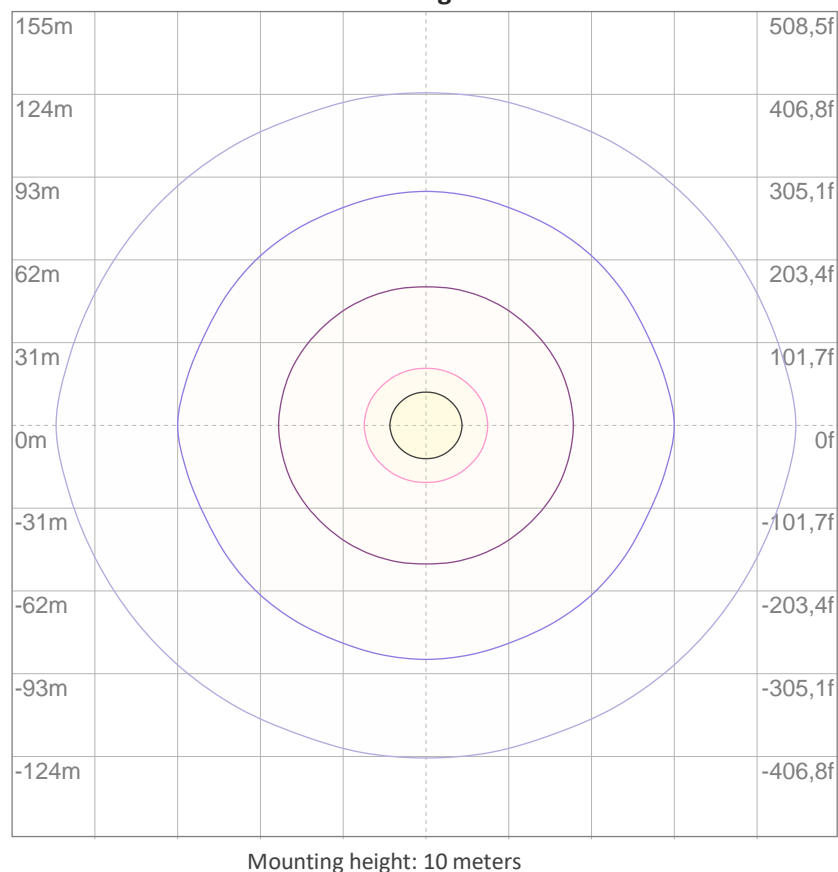
10%	41 cd
20%	82 cd
30%	123 cd
40%	164 cd
50%	205 cd
60%	245 cd
70%	286 cd
80%	327 cd
90%	368 cd

Conditions:

Number of c-planes: 16

Candela at center: 409 cd

iso-lux diagram



3%	0,123 lx
5%	0,205 lx
10%	0,409 lx
30%	1,23 lx
50%	2,05 lx

Conditions:

Number of c-planes: 16

Lux at center: 4,09 lx

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

Potência

Vttagem: 12,0 V

Corrente: 3,12 A

Frequência: 0 Hz

FP: 1,0

THD



THD corrente: n/a

THD tensão: n/a