

K39N SLED9020N BRANCA FITA 19WM 3500K 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 – 2032 lm/m

Potência – 38,4 W/m

Intensidade pico – 415cd

CCT – 3441K



IRC – 84,6

Coordenada CIE 1931 – x- 0,409 y- 0,392

A x L - 115x38

Peso - 2,20kg/m

IP - 20 - Uso Interno

IK - 00 – Não aplicável

Alimentação - 12vdc

Data do ensaio

16/08/2021 12:36:23

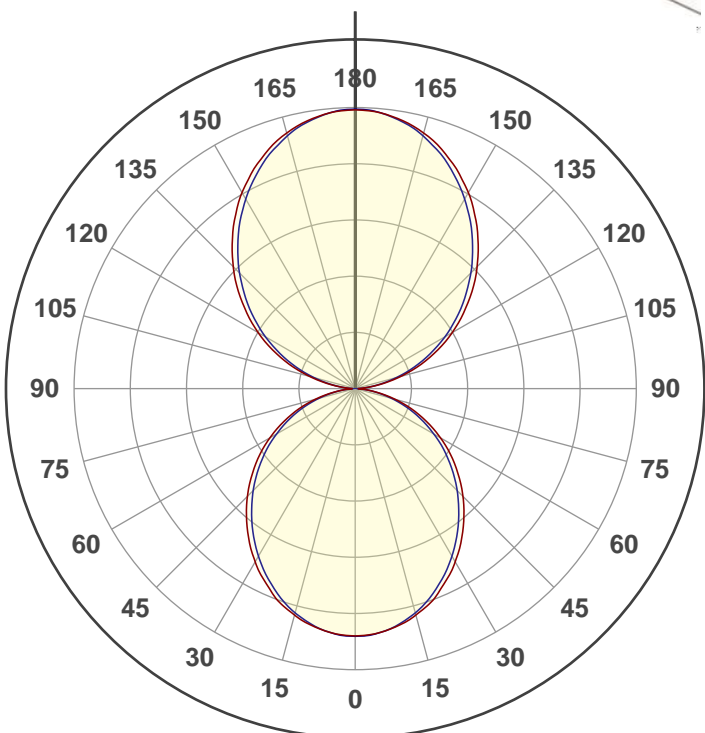
Rf 85,7

Fidelity index Rf

Rg 95,2

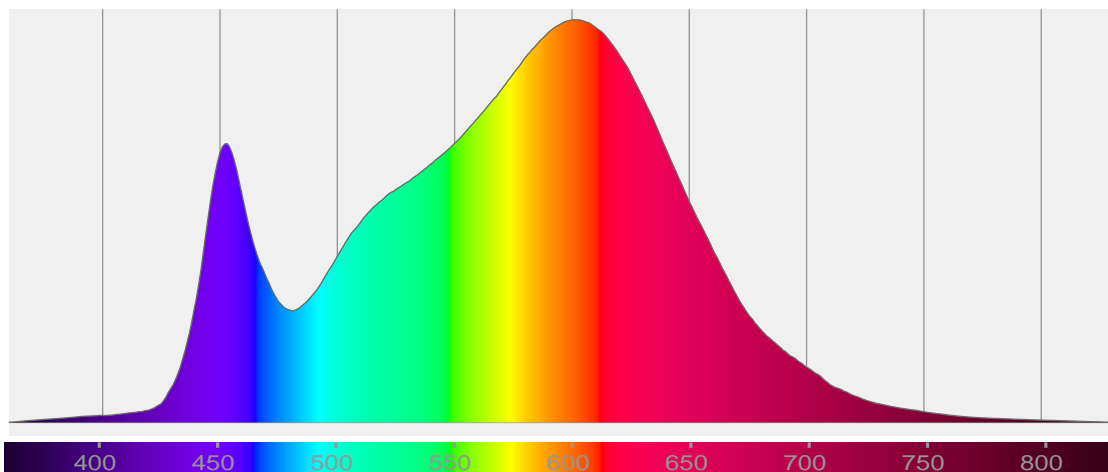
Gamut index Rg

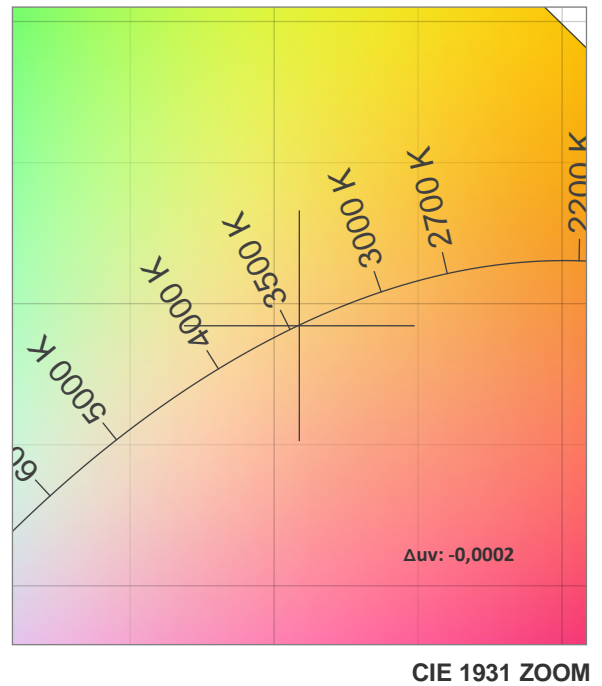
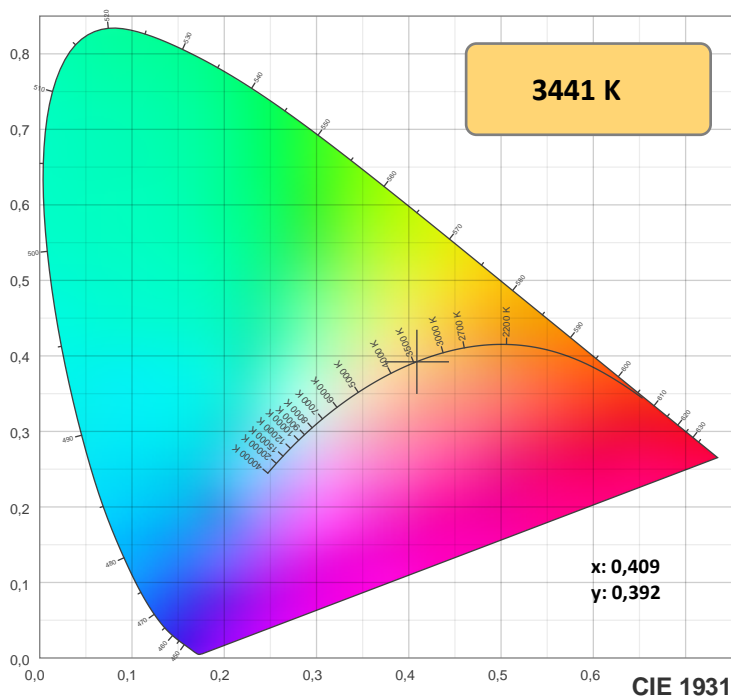
Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	81	-11%	0%
2	83	-7%	6%
3	81	-3%	9%
4	91	-1%	5%
5	93	-1%	3%
6	95	1%	-2%
7	91	-5%	-3%
8	92	-5%	1%
9	88	-5%	5%
10	81	-4%	11%
11	82	3%	12%
12	86	6%	3%
13	89	4%	-6%
14	81	5%	-14%
15	80	-3%	-14%
16	79	-7%	-11%



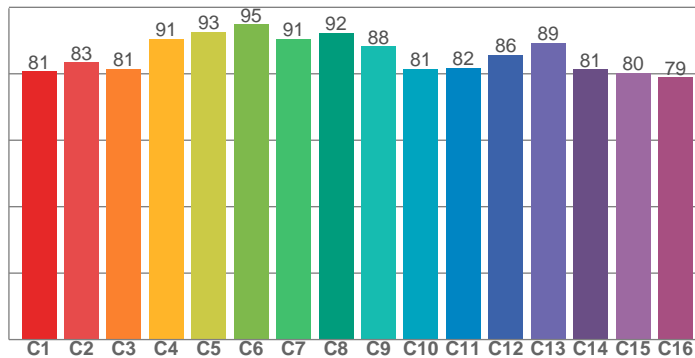
Facho de abertura

360°

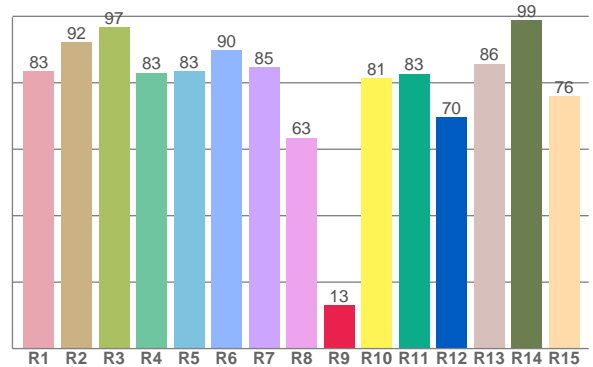




TM-30: 85,7



CRI: 84,6 (R1-R8)



CRIRA R1-R8 / CRIR R1-R15

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
83,4	92,1	96,6	83,1	83,5	89,8	84,6	63,4	13,0	81,4	82,7	69,6	85,8	98,8	75,9

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	83,4	81,4	90,6	92,6	94,8	90,6	92,3	88,3	81,5	81,7	85,6	89,2	81,4	80,3	79,0

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
3441 K	84,6	13,0	85,7	95,2	84,0	0,409	0,392	0,237	0,342	-0,0002

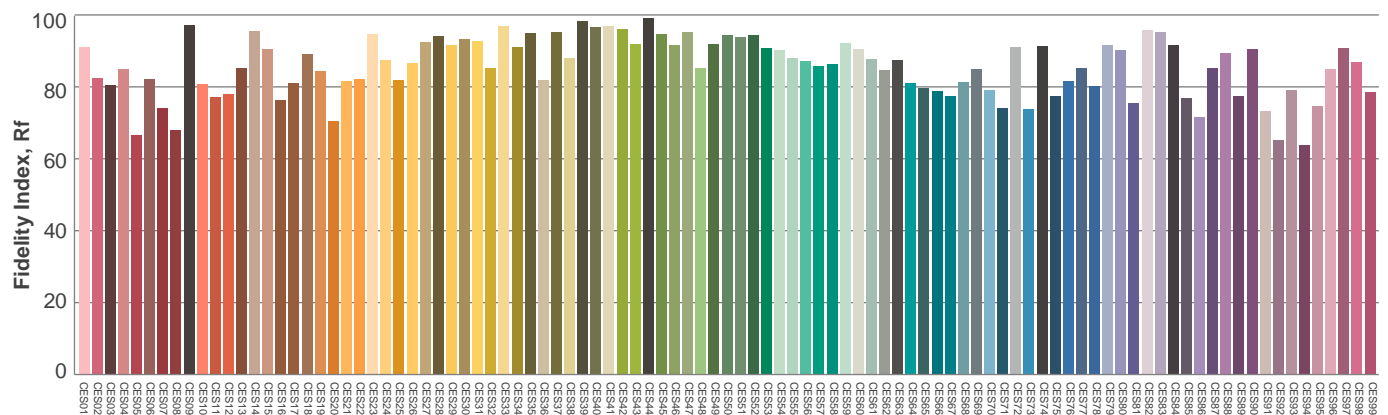
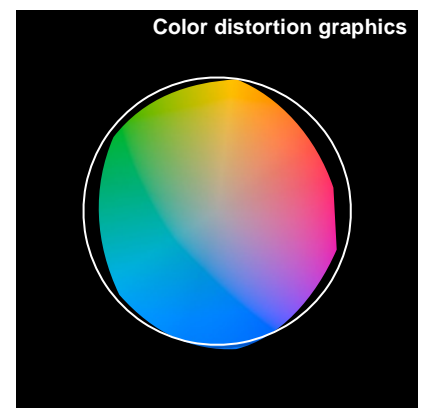
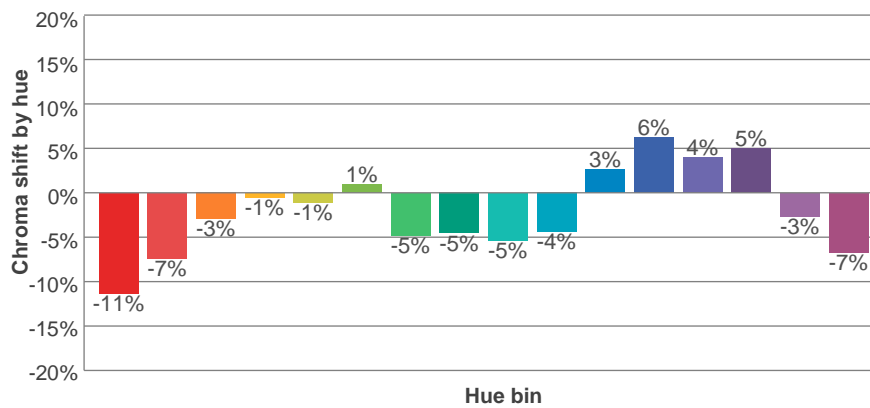
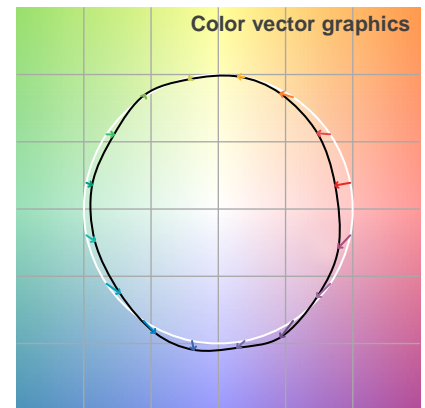
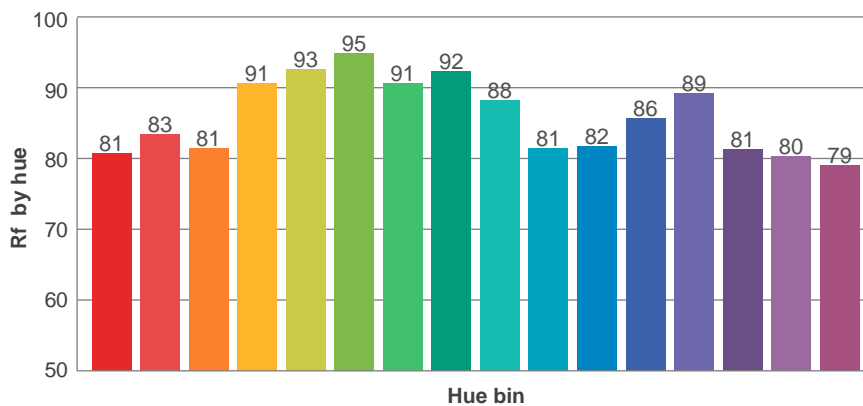
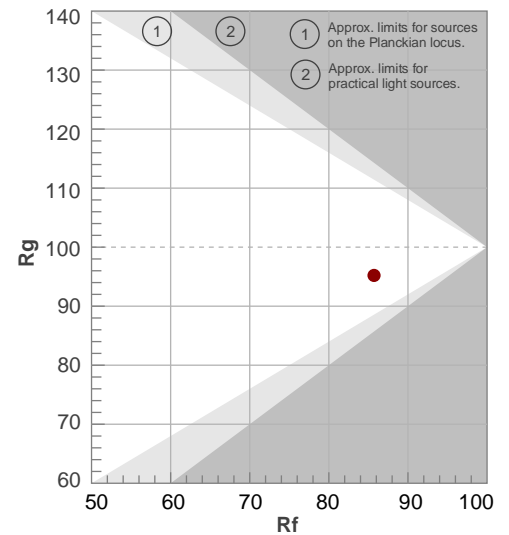
Rf 85,7

Fidelity index R_f

Rg 95,2

Gamut index Rg

		Shifts (%)	
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10	81	-4%	11%
11	82	3%	12%
12	86	6%	3%
13	89	4%	-6%
14	81	5%	-14%
15	80	-3%	-14%
16	79	-7%	-11%



Avaliação todas as amostras de cores

Glare Evaluation According to UGR

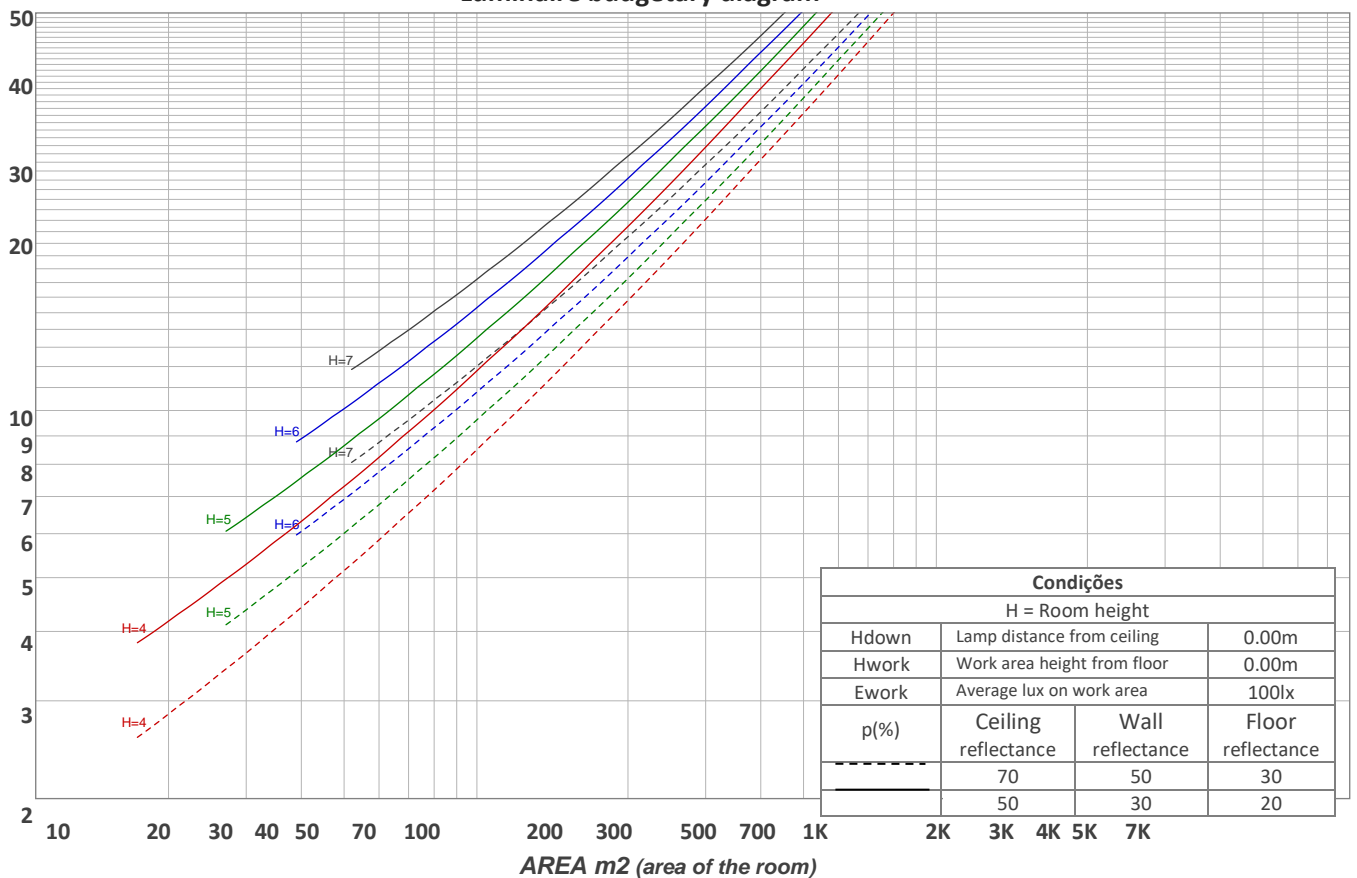
p Ceiling		70	70	50	50	30	70	70	50	50	30
p Walls		50	30	50	30	30	50	30	50	30	30
p Floor		20	20	20	20	20	20	20	20	20	20
Room size X Y		Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H	2H	16,3	17,1	17,2	18,0	19,2	16,0	16,8	16,9	17,6	18,8
	3H	17,7	18,4	18,7	19,3	20,5	17,3	18,0	18,3	18,9	20,1
	4H	18,2	18,9	19,2	19,8	21,0	17,8	18,5	18,8	19,4	20,5
	6H	18,6	19,1	19,5	20,1	21,3	18,1	18,7	19,1	19,7	20,8
	8H	18,7	19,3	19,6	20,2	21,4	18,2	18,9	19,2	19,8	20,9
	12H	18,7	19,4	19,6	20,2	21,4	18,2	19,0	19,2	19,8	20,9
4H	2H	16,7	17,4	17,7	18,3	19,5	16,5	17,1	17,5	18,1	19,2
	3H	18,3	19,1	19,3	19,9	21,0	18,0	18,7	19,0	19,6	20,7
	4H	18,9	19,9	19,9	20,5	21,6	18,6	19,6	19,6	20,1	21,3
	6H	19,4	19,9	20,4	20,8	21,9	19,0	19,5	20,0	20,4	21,6
	8H	19,5	19,9	20,5	20,9	22,0	19,1	19,5	20,1	20,5	21,6
	12H	19,5	19,8	20,5	20,9	22,0	19,1	19,5	20,1	20,5	21,6
8H	4H	19,1	19,5	20,1	20,5	21,6	18,7	19,1	19,7	20,1	21,3
	6H	19,6	19,9	20,6	21,0	22,1	19,3	19,6	20,3	20,6	21,8
	8H	19,8	20,0	20,8	21,1	22,3	19,5	19,7	20,5	20,8	22,0
	12H	19,9	20,1	20,9	21,2	22,3	19,5	19,8	20,6	20,8	22,0
12H	4H	19,0	19,3	20,0	20,4	21,5	18,7	19,0	19,7	20,1	21,2
	6H	19,6	19,8	20,7	20,9	22,2	19,3	19,5	20,3	20,6	21,8
	8H	19,8	20,0	20,9	21,1	22,3	19,5	19,7	20,5	20,8	21,9
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 / -0,5					0,5 / -0,6				
Standard table		n/a					n/a				
Correction summand		n/a					n/a				
Corrected glare indices referring to 2032 lm total luminous flux											

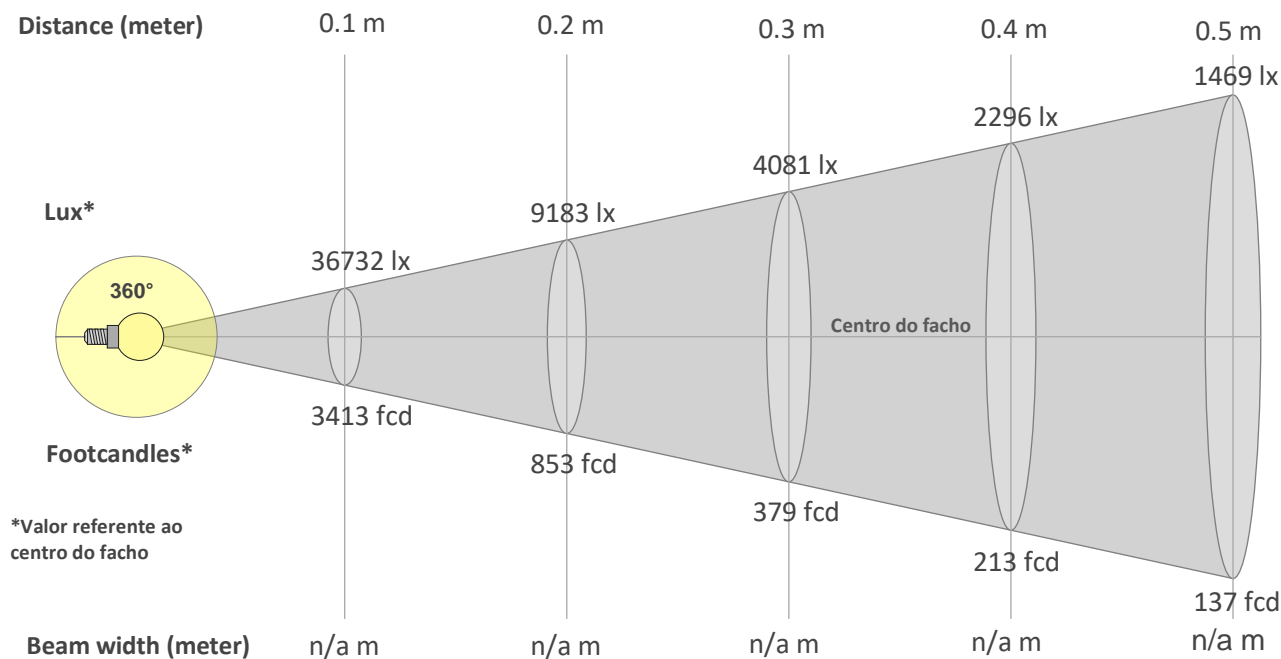
Coeficiente de utilização

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	106	106	106	106	98	98	98	98	82	82	82	67	67	67	53	53	53	47
1	97	93	89	85	89	85	82	79	72	69	67	59	57	56	47	46	45	40
2	88	81	75	70	81	75	69	65	63	59	55	52	49	46	41	40	38	33
3	81	71	64	58	74	66	59	54	55	50	47	46	42	39	37	34	32	28
4	74	63	55	49	67	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	36	32	29	29	26	24	21
6	62	50	42	36	57	47	39	34	39	34	30	33	29	25	27	24	21	18
7	58	45	37	32	53	42	35	30	36	30	26	30	26	22	24	21	19	16
8	53	41	33	28	49	38	31	26	33	27	23	27	23	20	22	19	17	14
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	27	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
367lx	92lx	41lx	23lx	15lx	10lx	7lx	6lx	5lx	4lx	3lx	3lx	2lx	2lx	2lx	1lx	1lx	1lx	1lx	1lx
34,1fcd	8,5fcd	3,8fcd	2,1fcd	1,4fcd	0,9fcd	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°	9°	18°	27°	36°	45°	54°	63°	72°	81°	90°	99°	108°	117°	126°	135°	144°	153°	162°	171°
367	360	341	309	270	226	179	129	79	30	6	35	90	148	202	256	306	349	384	406
100%	98%	93%	84%	74%	62%	49%	35%	21%	8%	2%	10%	24%	40%	55%	70%	83%	95%	105%	110%

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°
367	359	335	300	259	214	167	119	71	28	4	32	81	135	190	243	294	340	378	404
100%	98%	91%	82%	71%	58%	46%	32%	19%	7%	1%	9%	22%	37%	52%	66%	80%	92%	103%	110%

Intensities in 180° c-plane

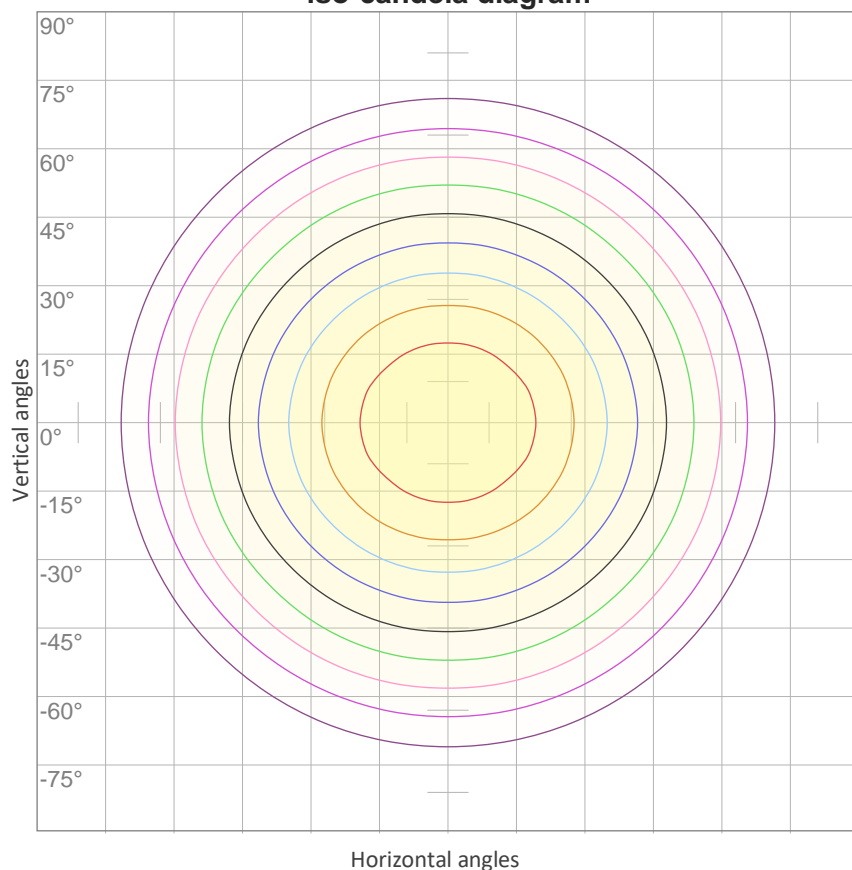
0°	9°	18°	27°	36°	45°	54°	63°	72°	81°	90°	99°	108°	117°	126°	135°	144°	153°	162°	171°
367	360	341	309	270	226	179	129	79	30	6	35	90	148	202	256	306	349	384	406
100%	98%	93%	84%	74%	62%	49%	35%	21%	8%	2%	10%	24%	40%	55%	70%	83%	95%	105%	110%

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°
367	359	335	300	259	214	167	119	71	28	4	32	81	135	190	243	294	340	378	404
100%	98%	91%	82%	71%	58%	46%	32%	19%	7%	1%	9%	22%	37%	52%	66%	80%	92%	103%	110%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
360°	360°	360°	37,6%	26,1%

iso-candela diagram



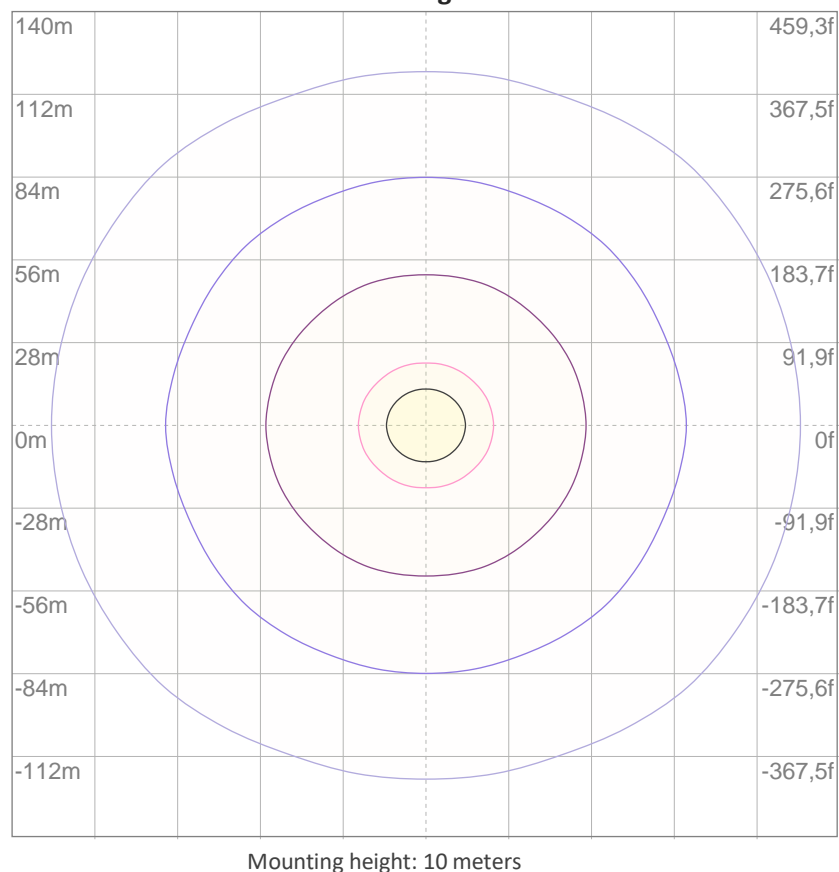
10%	37 cd
20%	73 cd
30%	110 cd
40%	147 cd
50%	184 cd
60%	220 cd
70%	257 cd
80%	294 cd
90%	331 cd

Conditions:

Number of c-planes: 16

Candela at center: 367 cd

iso-lux diagram



3%	0,110 lx
5%	0,184 lx
10%	0,367 lx
30%	1,10 lx
50%	1,84 lx

Conditions:

Number of c-planes: 16

Lux at center: 3,67 lx

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

Potência

Vttagem: 12,0 V

Corrente: 3,20 A

Frequência: 0 Hz

FP: 1,0

THD



THD corrente: n/a

THD tensão: n/a