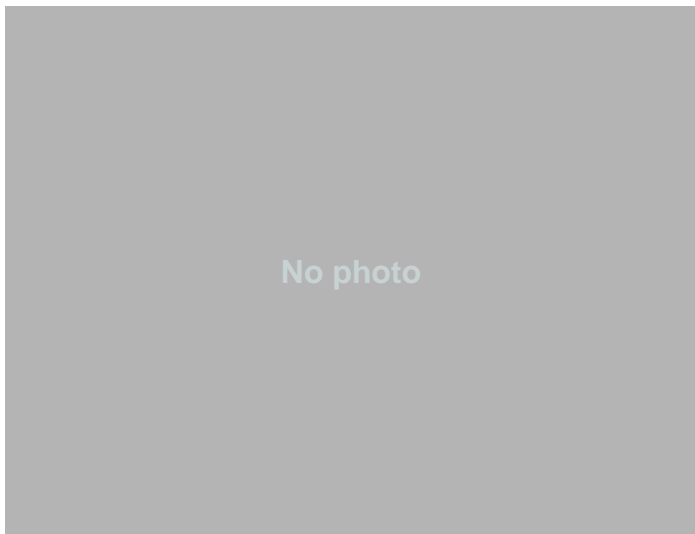


FITA SLED5204 IP65 14,4WM 2700K 80 - 1m



Fluxo luminoso – 1396 lm/m

Potência – 13,9 W/m

Intensidade pico – 455cd

CCT – 2721K

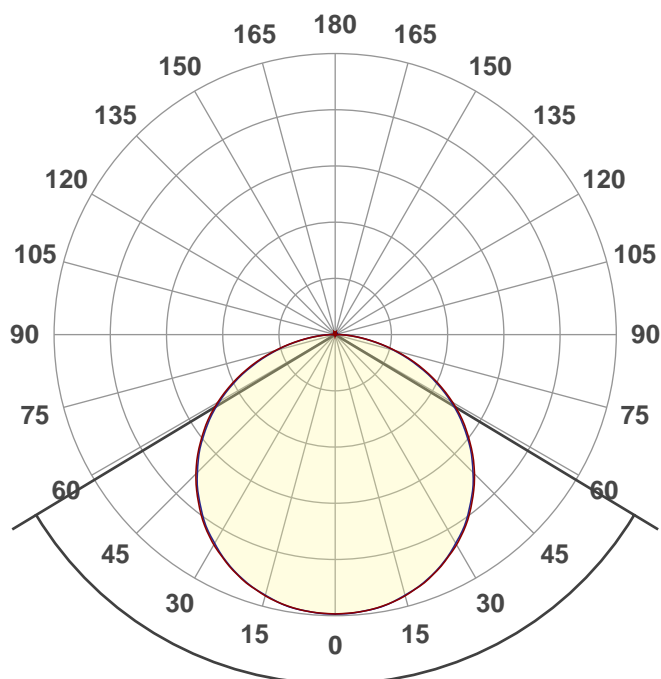


IRC – 81,8

Coordenada CIE 1931 – x- 0,464 y- 0,420

Data do ensaio

01/11/2022 08:10:37



Facho de abertura

117,8°

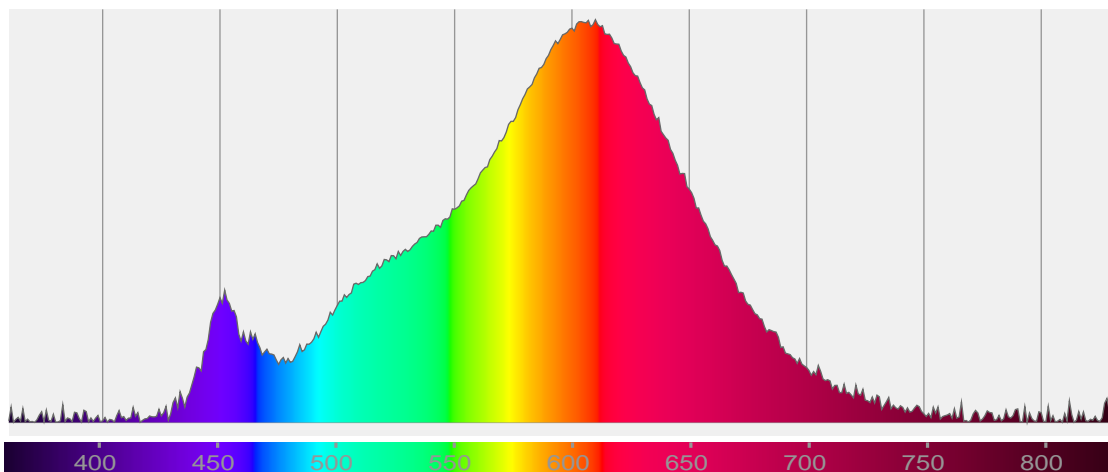
Rf 85,6

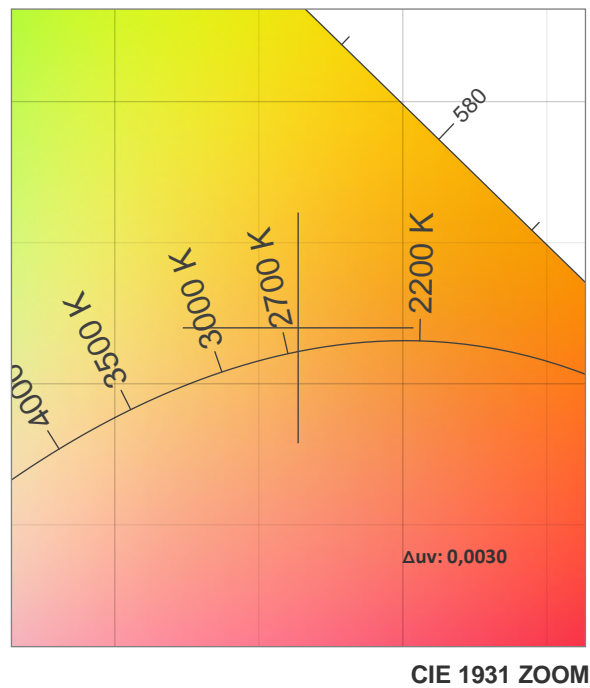
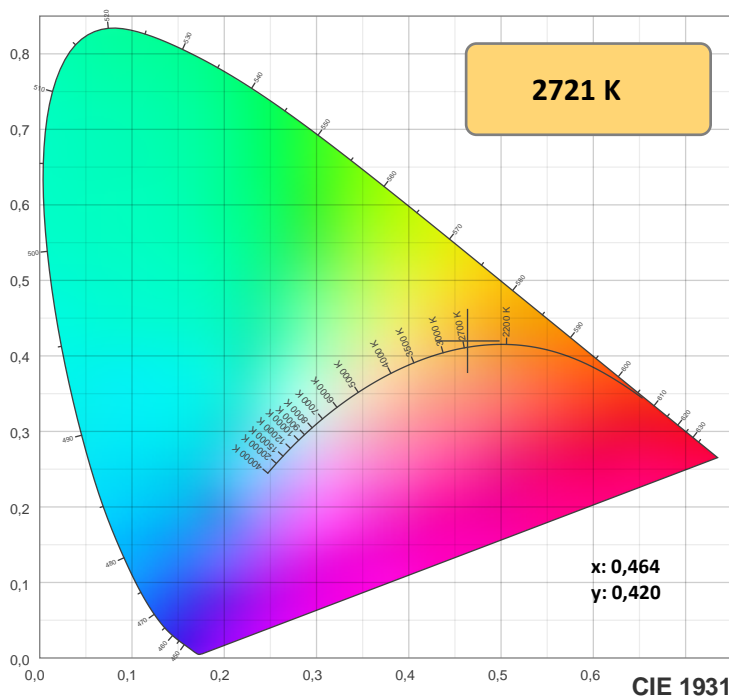
Fidelity index Rf

Rg 92,8

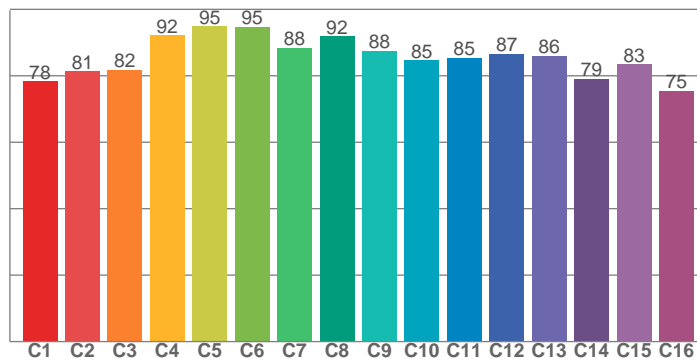
Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	78	-12%	1%
2	81	-9%	6%
3	82	-4%	9%
4	92	-2%	4%
5	95	-1%	3%
6	95	-1%	-1%
7	88	-6%	-4%
8	92	-4%	2%
9	88	-6%	5%
10	85	-3%	9%
11	85	0%	11%
12	87	6%	0%
13	86	3%	-10%
14	79	2%	-17%
15	83	-5%	-9%
16	75	-11%	-15%

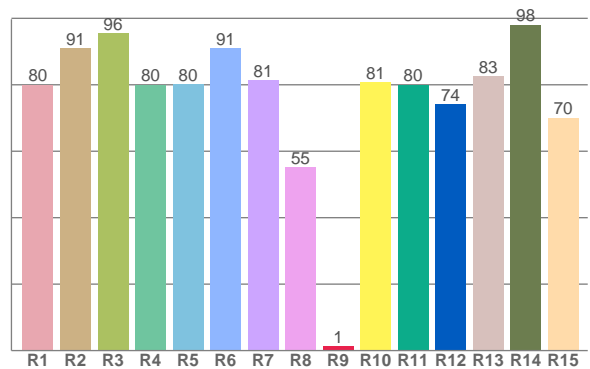




TM-30: 85,6



CRI: 81,8 (R1-R8)



CRIRA R1-R8 / CRIR R1-R15

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
80,0	91,1	95,6	80,0	80,2	90,9	81,5	55,3	1,4	80,7	80,0	74,1	82,6	98,1	70,1

TM30 valores C. 16 valores extraídos dos 99.

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
78,3	81,4	81,8	92,1	94,8	94,8	88,4	91,9	87,5	84,7	85,4	86,7	86,1	79,1	83,5	75,5

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
2721 K	81,8	1,4	85,6	92,8	82,4	0,464	0,420	0,261	0,354	0,0030

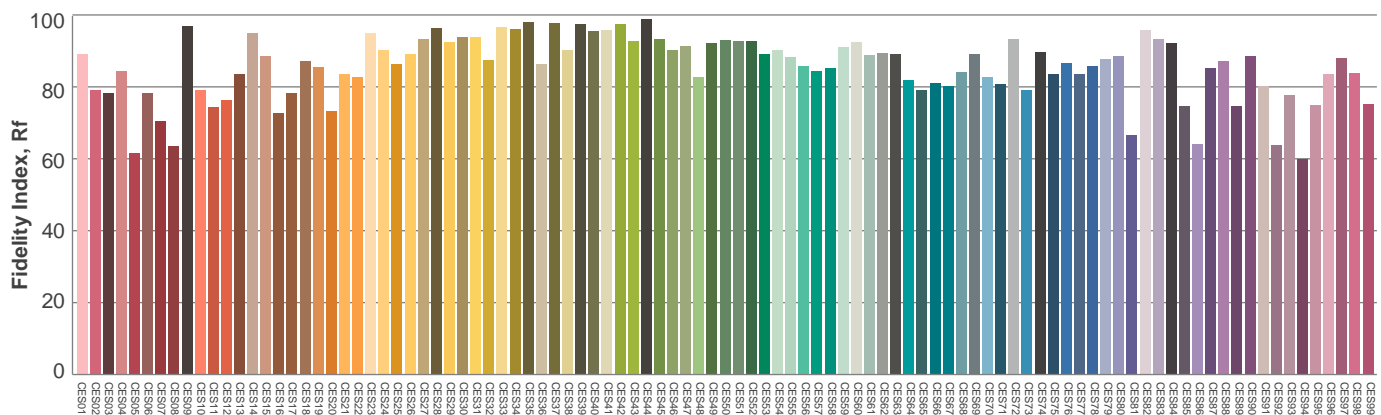
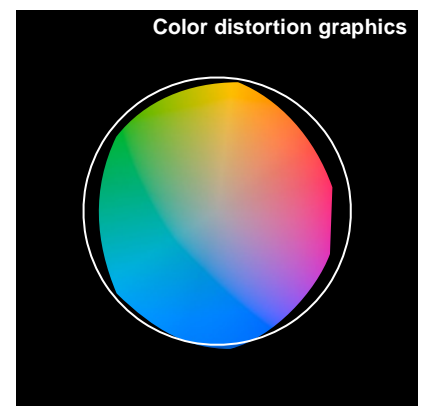
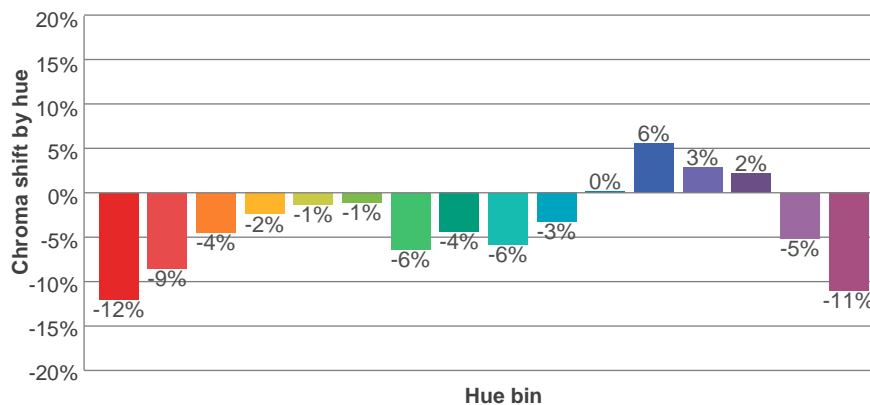
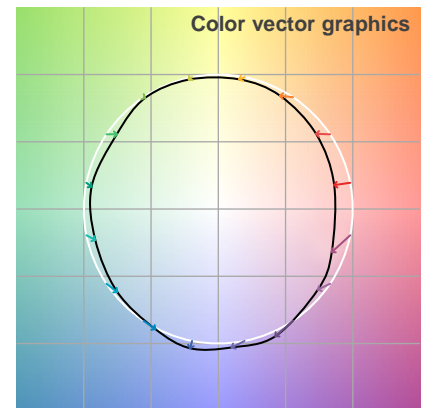
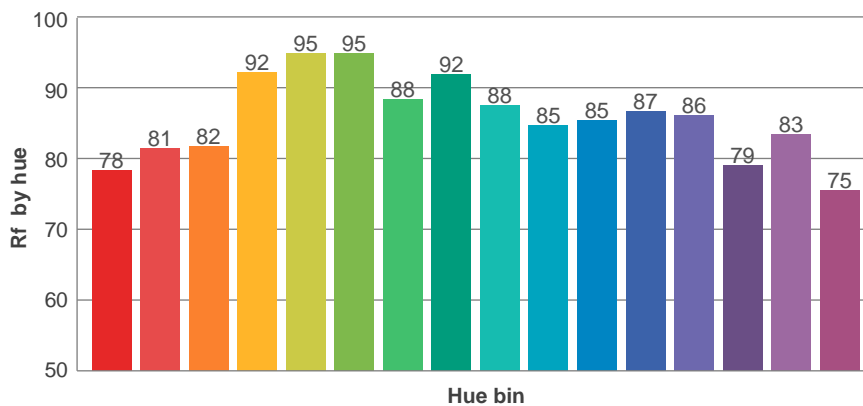
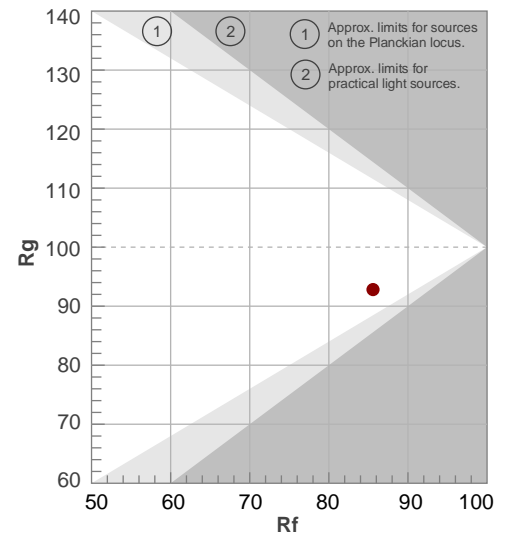
Rf 85,6

Fidelity index Rf

Rg 92,8

Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	78	-12%	1%
2	81	-9%	6%
3	82	-4%	9%
4	92	-2%	4%
5	95	-1%	3%
6	95	-1%	-1%
7	88	-6%	-4%
8	92	-4%	2%
9	88	-6%	5%
10	85	-3%	9%
11	85	0%	11%
12	87	6%	0%
13	86	3%	-10%
14	79	2%	-17%
15	83	-5%	-9%
16	75	-11%	-15%



Avaliação todas as amostras de cores

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				
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Variation of the observer position for the luminaire distance S										
n/a	n/a					n/a				
n/a	n/a					n/a				
n/a	n/a					n/a				
Standard table	n/a					n/a				
Correction summand	n/a					n/a				
Corrected glare indices referring to 1396 lm total luminous flux										

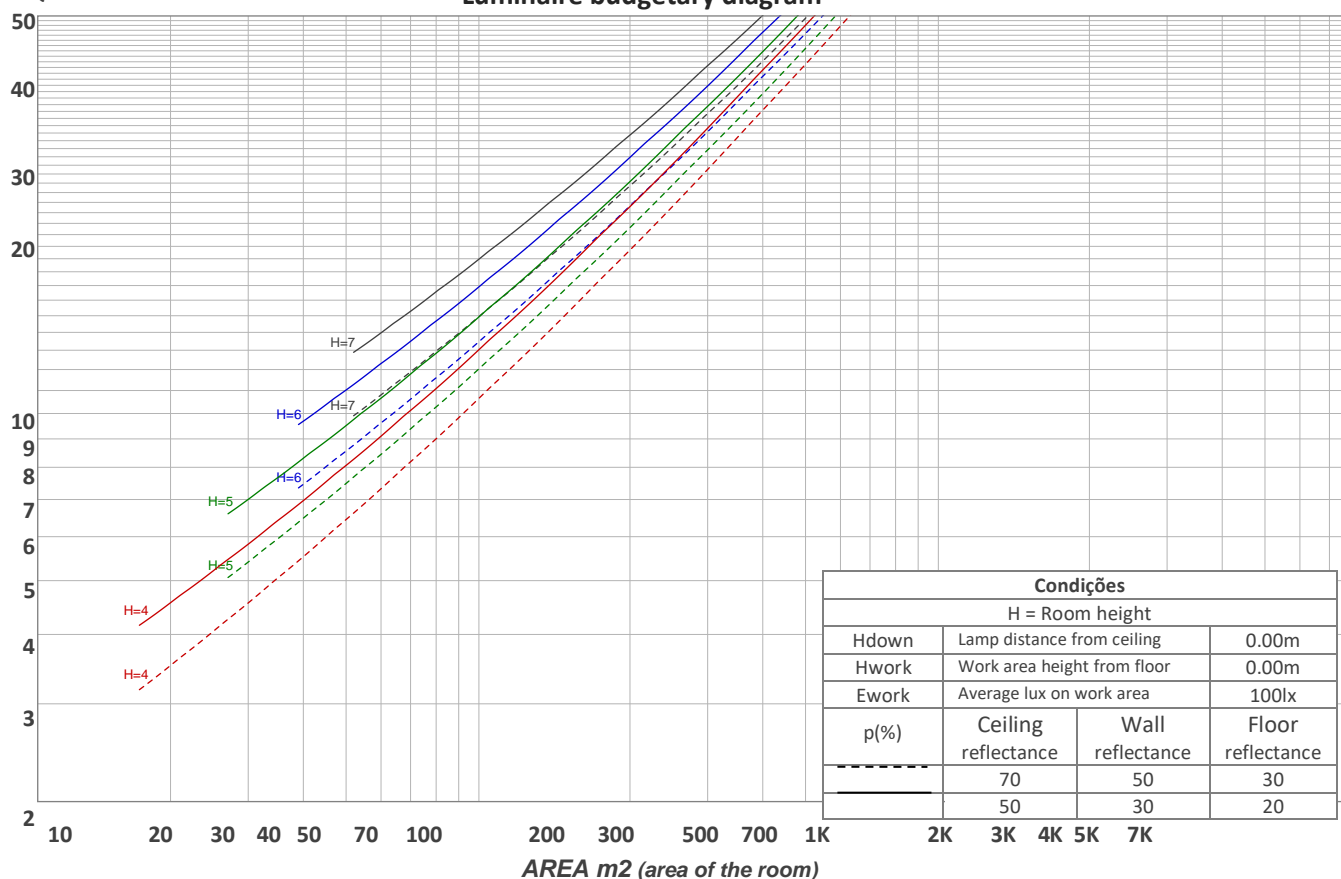
www.misterled.com.br

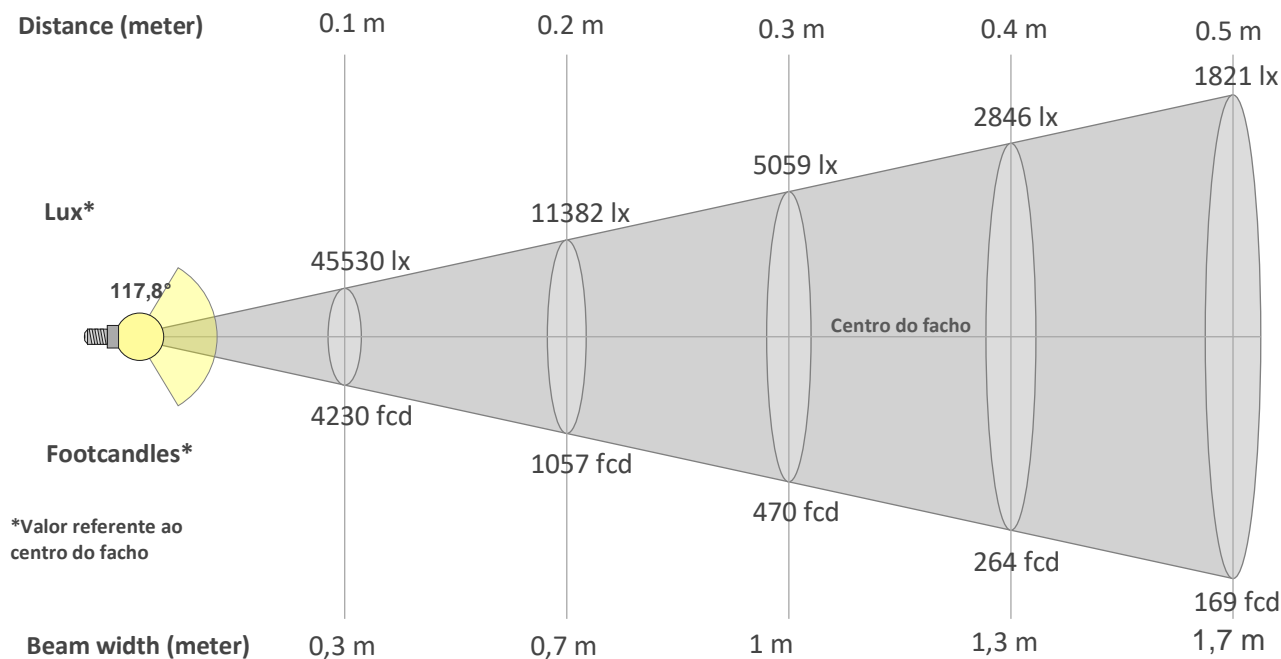
Coeficiente de utilização

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	111	111	111	106	106	106	101	101	101	99
1	108	103	99	95	105	101	97	93	96	93	90	92	89	87	88	86	84	82
2	98	89	82	76	95	87	81	75	84	78	74	80	76	72	77	73	70	68
3	89	78	70	63	86	77	69	62	73	67	61	71	65	60	68	63	59	57
4	81	69	60	53	79	68	59	53	65	58	52	63	56	51	60	55	50	48
5	75	62	52	46	73	60	52	45	58	51	45	56	49	44	54	48	44	41
6	69	55	46	40	67	54	46	39	52	45	39	51	44	39	49	43	38	36
7	64	50	41	35	62	49	41	35	48	40	34	46	39	34	45	38	34	32
8	59	46	37	31	58	45	37	31	43	36	31	42	35	30	41	35	30	28
9	55	42	33	28	54	41	33	28	40	33	28	39	32	27	38	32	27	25
10	52	39	31	25	51	38	30	25	37	30	25	36	29	25	35	29	25	23

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
455lx	114lx	51lx	28lx	18lx	13lx	9lx	7lx	6lx	5lx	4lx	3lx	3lx	2lx	2lx	2lx	2lx	1lx	1lx	1lx
42,3fcd	10,6fcd	4,7fcd	2,6fcd	1,7fcd	1,2fcd	0,9fcd	0,7fcd	0,5fcd	0,4fcd	0,3fcd	0,3fcd	0,3fcd	0,2fcd	0,2fcd	0,2fcd	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°
455	454	449	441	429	414	395	374	348	321	290	257	221	183	143	102	63	30	6	1
100%	100%	99%	97%	94%	91%	87%	82%	77%	70%	64%	56%	49%	40%	31%	22%	14%	7%	1%	0%

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°
455	454	449	440	428	412	393	372	346	318	287	253	217	179	139	99	61	29	8	2
100%	100%	99%	97%	94%	91%	86%	82%	76%	70%	63%	56%	48%	39%	30%	22%	13%	6%	2%	0%

Intensities in 180° c-plane

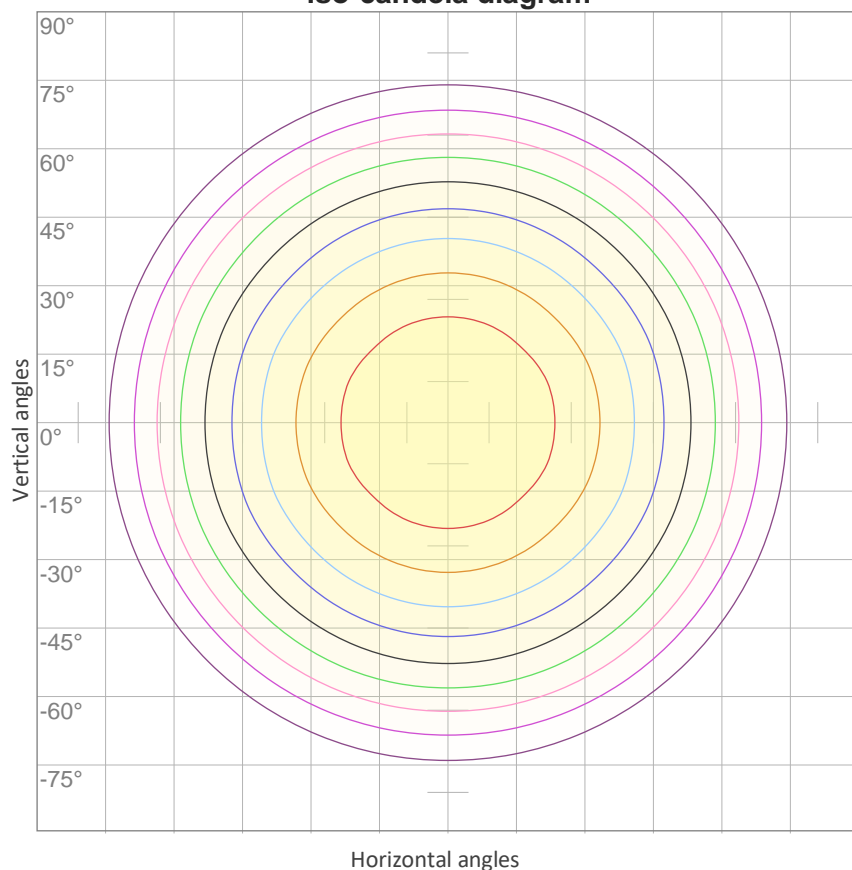
0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
455	454	449	441	429	414	395	374	348	321	290	257	221	183	143	102	63	30	6	1
100%	100%	99%	97%	94%	91%	87%	82%	77%	70%	64%	56%	49%	40%	31%	22%	14%	7%	1%	0%

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°
455	454	449	440	428	412	393	372	346	318	287	253	217	179	139	99	61	29	8	2
100%	100%	99%	97%	94%	91%	86%	82%	76%	70%	63%	56%	48%	39%	30%	22%	13%	6%	2%	0%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
117,8°	164,8°	177,7°	76,3%	51,1%

iso-candela diagram



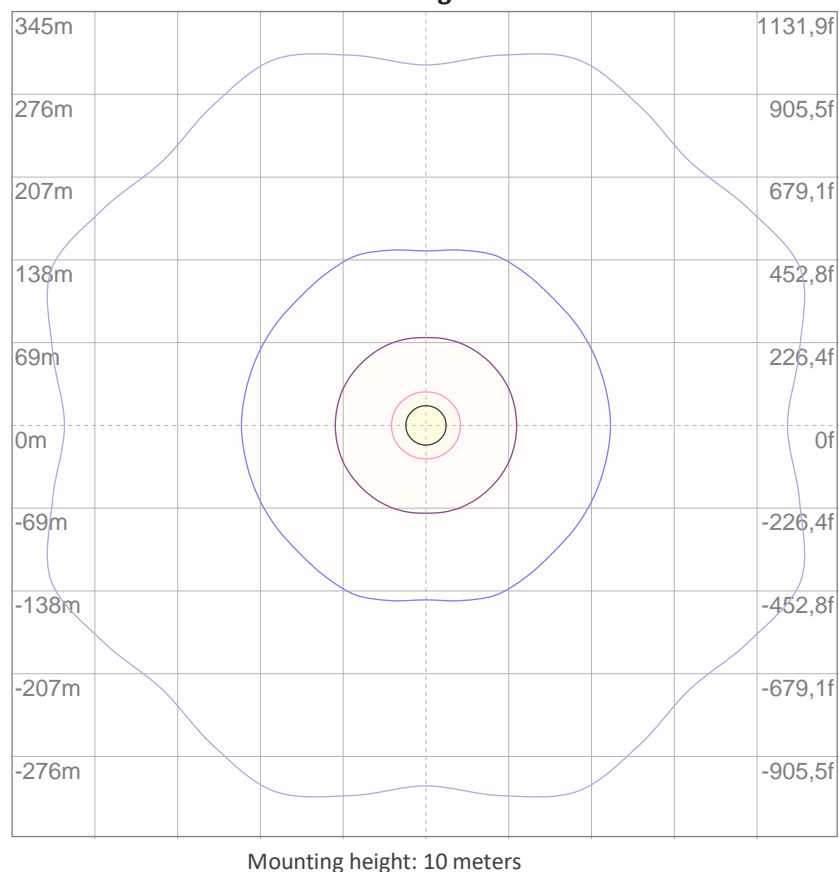
10%	46 cd
20%	91 cd
30%	137 cd
40%	182 cd
50%	228 cd
60%	273 cd
70%	319 cd
80%	364 cd
90%	410 cd

Conditions:

Number of c-planes: 16

Candela at center: 455 cd

iso-lux diagram



3%	0,137 lx
5%	0,228 lx
10%	0,455 lx
30%	1,37 lx
50%	2,28 lx

Conditions:

Number of c-planes: 16

Lux at center: 4,55 lx

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

Potência

Vttagem: 12,0 V

Corrente: 1,16 A

Frequência: 0 Hz

FP: 0,99

THD



THD corrente: n/a

THD tensão: n/a