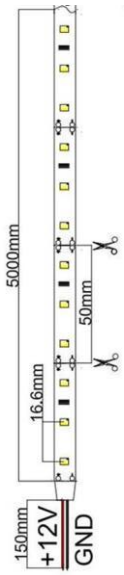
Dimensiones (mm)

Largo: 5000 el rollo.
Ancho: 14; **Alto:** 8.



Código

CL-50-50-6K-GL

Descripción

Cinta de LED. Los tramos permitidos de corte se deben realizar cada 50 mm.

Materiales y acabado

Cobertura y cuerpo en silicona.

Color

Transparente.

Características técnicas

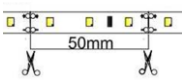
Fuente de luz

Cinta de LED: 1m.

Potencia Nominal	CRI	K	Lm Salida
10W	>80	6000	667

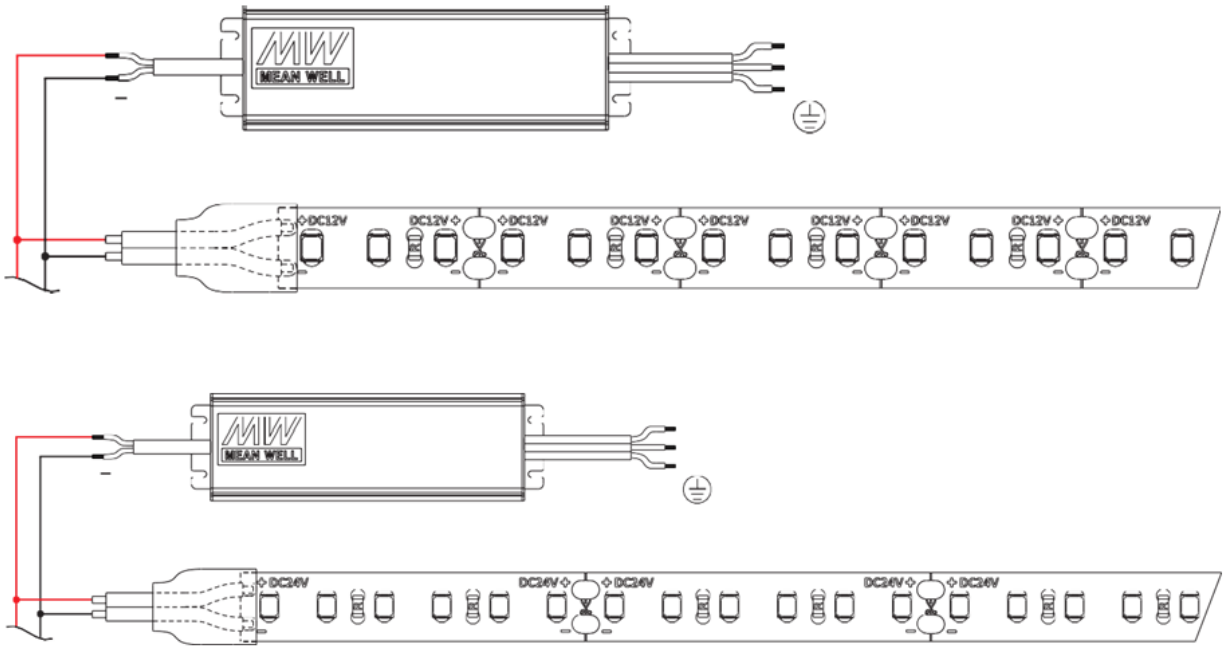
Características de fuente de luz

- Color temperatura disponible 6000K (fría).
- Potencia de Salida: 7W.
- Transformador eléctrico de 75W. / 12V.
- Los tramos de corte se realizan en donde lo muestra la imagen:



Nota: Debido a continua investigación, nos reservamos el derecho de cambiar especificaciones sin previa notificación.

Diagrama esquemático de conexión



Nota: Debido a continua investigación, nos reservamos el derecho de cambiar especificaciones sin previa notificación.

Light efficiency:

95,3 Lumen/Watt

Light quality:

CRI: 90,5

Color temperature:

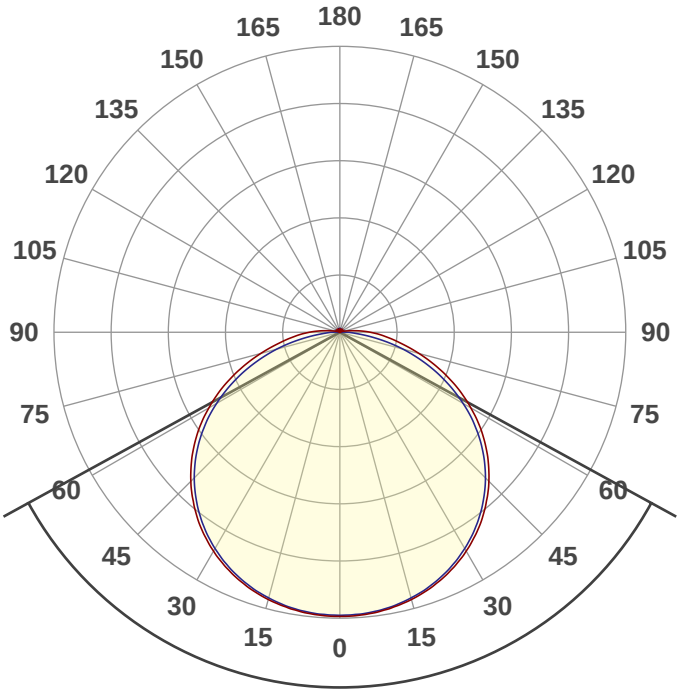
6027 K

Output: 667 lm

Peak: 199 cd

Power: 7 W

PF: 0,63



Product name:

E0770-CL-50-50-6K-GL

Beam angle

122,5°

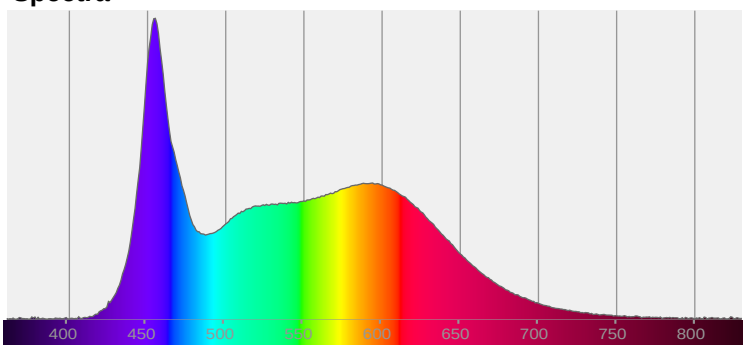
CIE 1931
x: 0,323
y: 0,320

THD Values:

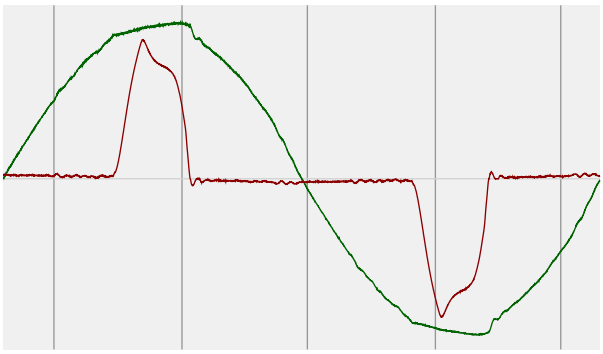
Voltage: 3,06%

Current: 118,05%

Spectra



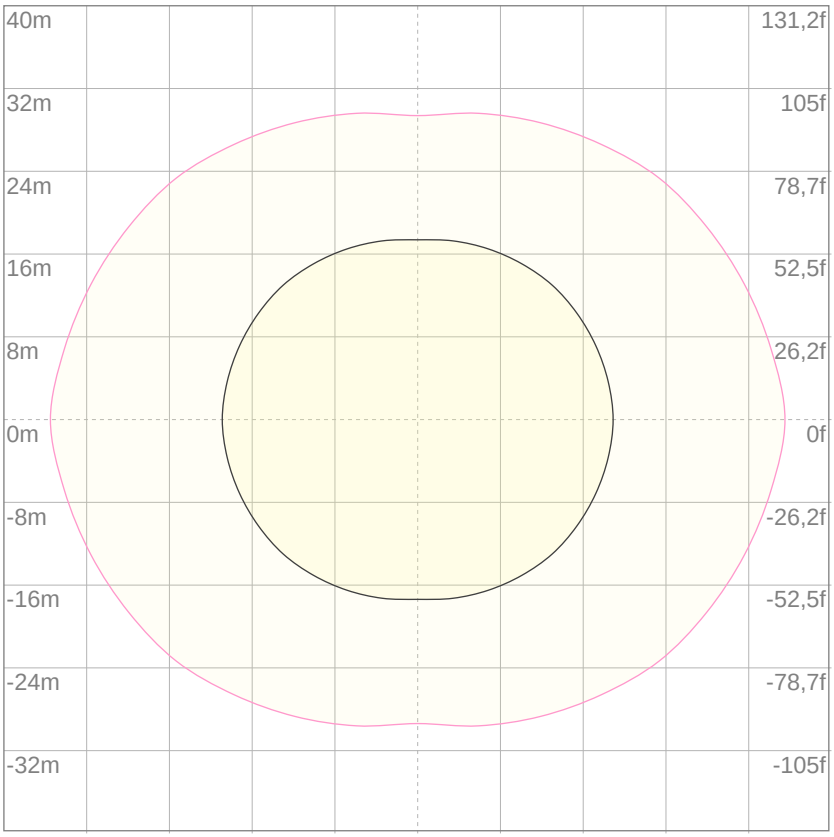
Power



Voltage: 117 V
Current: 0,458 A
Frequency: 60 Hz

ISO Diagrams

ISO lux diagram



Mounting height: 10 meters (33 f)

3%	59,6m lx
5%	99,3m lx
10%	0,199 lx
30%	0,596 lx
50%	0,993 lx

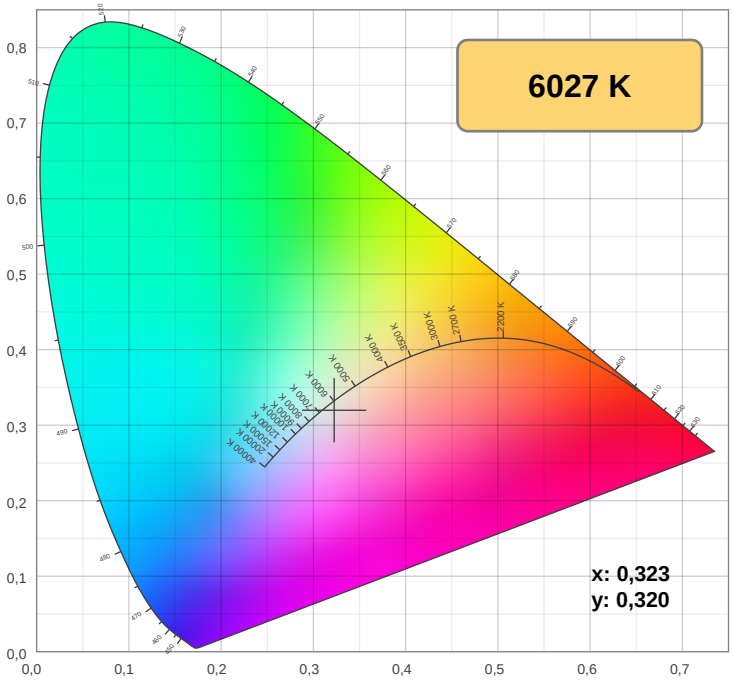
Conditions:

Number of c-planes: 8

Lux at center: 1,99 lx

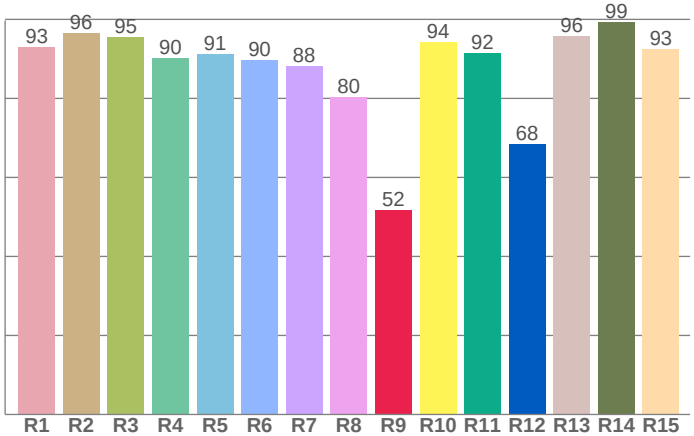
Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Color details



CIE 1931

CRI: 90,5 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
92,9	96,4	95,5	90,1	91,3	89,6	88,2	80,3	51,7	94,2	91,6	68,5	95,7	99,2	92,6

Color parameters

Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Color coordinate cie 1931	Color coordinate cie 1931	Color coordinate	Color coordinate	Color diviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
6027 K	90,5	51,7	86,5	96,7	85,5	0,323	0,320	0,208	0,310	-0,0099

TM-30 details

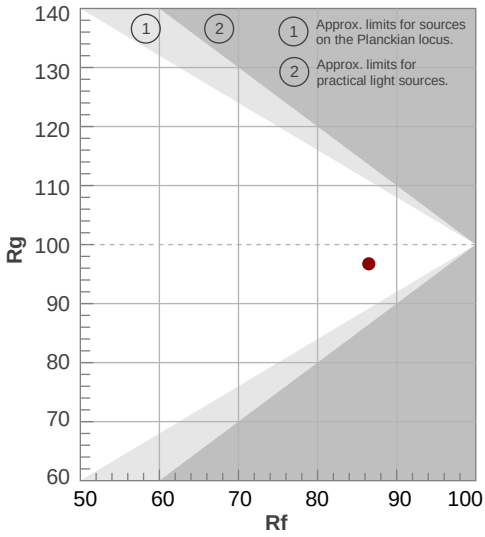
Rf 86,5

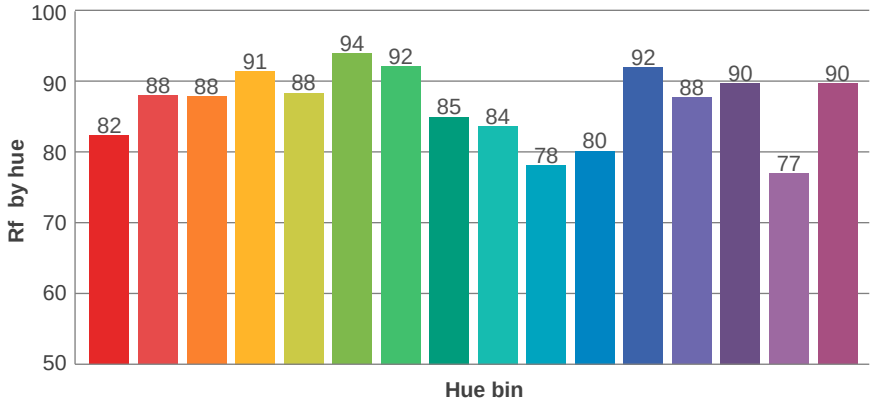
Fidelity index Rf

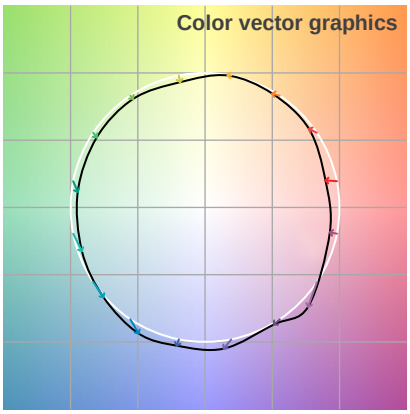
Rg 96,7

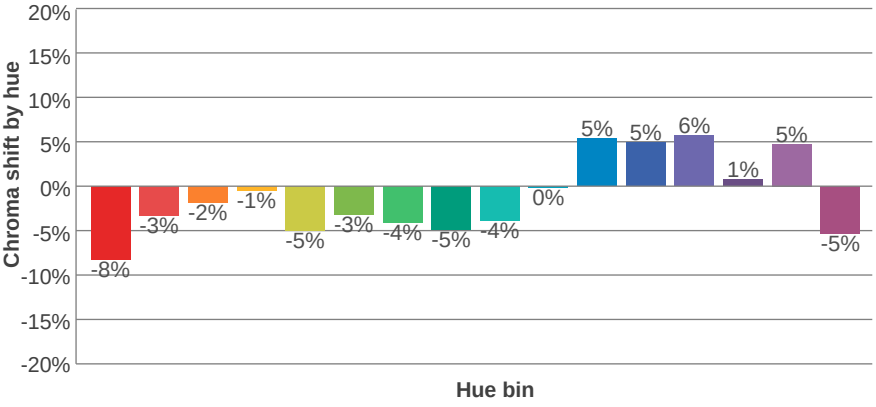
Gamut index Rg

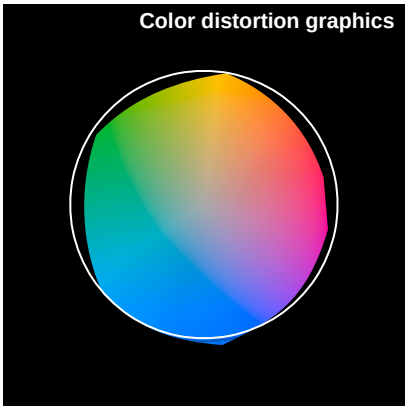
Hue Bin	R_f	Shifts (%) Chroma	Hue
1	82	-8%	2%
2	88	-3%	6%
3	88	-2%	5%
4	91	-1%	3%
5	88	-5%	0%
6	94	-3%	0%
7	92	-4%	1%
8	85	-5%	7%
9	84	-4%	14%
10	78	0%	14%
11	80	5%	11%
12	92	5%	-1%
13	88	6%	-7%
14	90	1%	-6%
15	77	5%	-19%
16	90	-5%	0%

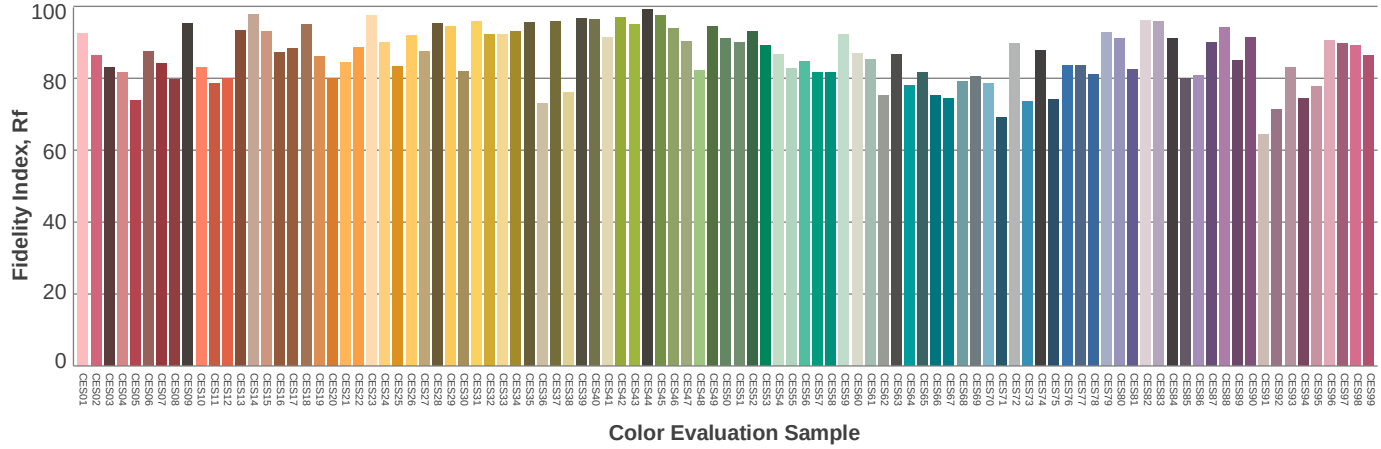




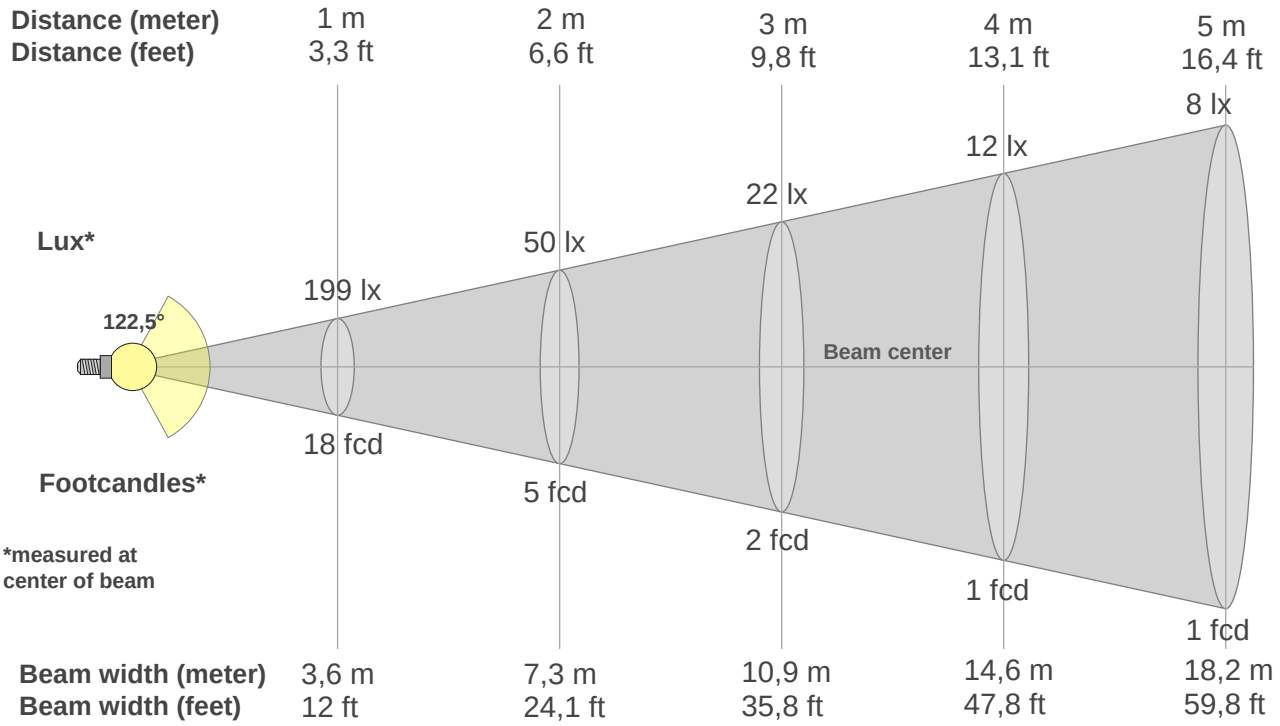








Beam details



Beam intensities from 1-20m

{BEAM_INT_TABLE_START}

m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
lx	lx	lx	lx	lx	lx	lx	lx	lx	lx	lx	lx	lx	lx	lx	lx	lx	lx	lx
fcd	fcd	fcd	fcd	fcd	fcd	fcd	fcd	fcd	fcd	fcd	fcd	fcd	fcd	fcd	fcd	fcd	fcd	fcd

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°
199	198	197	194	190	184	177	169	159	148	135	121	106	90	73	57	43	31	21	12
100%	100%	99%	97%	95%	93%	89%	85%	80%	74%	68%	61%	53%	45%	37%	29%	22%	16%	11%	6%

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°
199	198	196	193	188	182	175	166	156	144	131	116	100	82	64	46	28	13	5	1
100%	99%	99%	97%	95%	92%	88%	84%	78%	73%	66%	58%	50%	41%	32%	23%	14%	7%	3%	1%

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°
199	198	197	194	190	184	177	169	159	148	135	121	106	90	73	57	43	31	21	12
100%	100%	99%	97%	95%	93%	89%	85%	80%	74%	68%	61%	53%	45%	37%	29%	22%	16%	11%	6%

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°
199	198	196	193	188	182	175	166	156	144	131	116	100	82	64	46	28	13	5	1
100%	99%	99%	97%	95%	92%	88%	84%	78%	73%	66%	58%	50%	41%	32%	23%	14%	7%	3%	1%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
122,5°	**174,6°**	**192,7°**	**72,2%**	**47,8%**

UGR

Glare Evaluation According to UGR

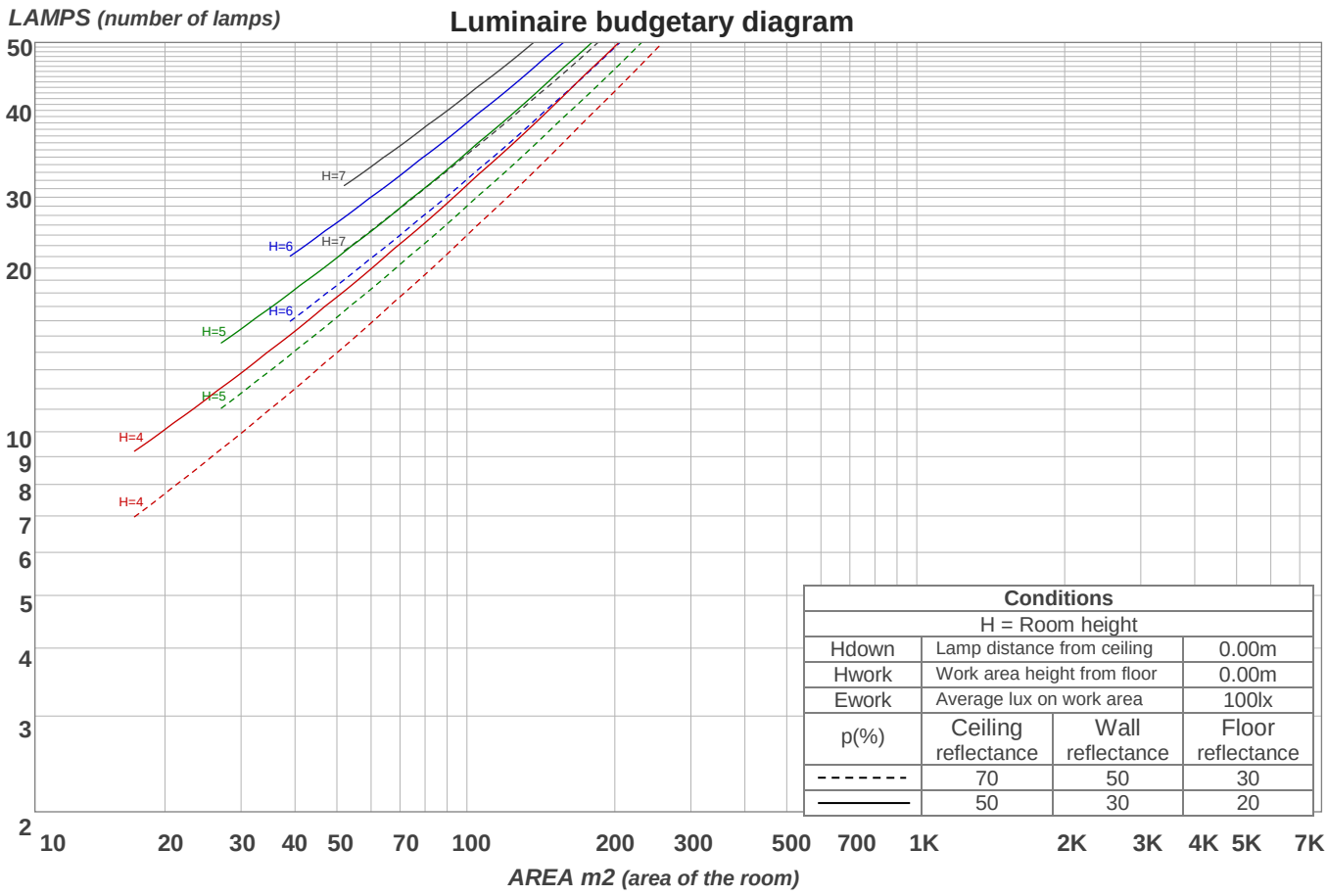
p Ceiling		70	70	50	50	30	70	70	50	50	30
p Walls		50	30	50	30	30	50	30	50	30	30
p Floor		20	20	20	20	20	20	20	20	20	20
Room size X	Y	Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H	2H	23,9	25,2	24,2	25,6	25,8	23,7	25,0	24,0	25,3	25,6
	3H	25,7	27,0	26,2	27,4	27,6	25,3	26,6	25,8	27,0	27,2
	4H	26,6	27,8	27,0	28,2	28,5	26,0	27,3	26,5	27,6	27,9
	6H	27,5	28,6	27,8	28,9	29,3	26,6	27,7	27,0	28,0	28,5
	8H	27,9	29,0	28,3	29,3	29,8	26,8	27,9	27,2	28,2	28,7
	12H	28,3	29,4	28,7	29,7	30,2	26,9	27,9	27,3	28,3	28,8
4H	2H	24,6	25,8	25,0	26,2	26,5	24,4	25,7	24,9	26,0	26,3
	3H	26,7	27,8	27,1	28,1	28,6	26,4	27,4	26,8	27,8	28,3
	4H	27,6	28,6	28,1	29,1	29,6	27,1	28,1	27,6	28,6	29,1
	6H	28,6	29,5	29,2	29,9	30,4	27,8	28,7	28,3	29,1	29,5
	8H	29,1	29,9	29,7	30,4	30,8	28,1	28,9	28,6	29,3	29,7
	12H	29,7	30,4	30,2	30,8	31,4	28,2	28,9	28,8	29,4	29,9
8H	4H	28,0	28,8	28,5	29,3	29,7	27,6	28,4	28,1	28,8	29,3
	6H	29,2	29,9	29,7	30,4	31,0	28,5	29,1	29,0	29,6	30,2
	8H	29,9	30,4	30,4	31,0	31,7	28,9	29,4	29,4	30,0	30,7
	12H	30,6	31,1	31,2	31,6	32,3	29,2	29,6	29,8	30,2	30,8
12H	4H	28,0	28,7	28,6	29,2	29,7	27,6	28,3	28,2	28,8	29,3
	6H	29,3	29,9	29,9	30,5	31,2	28,6	29,2	29,2	29,8	30,5
	8H	30,1	30,5	30,7	31,1	31,7	29,1	29,6	29,7	30,1	30,8
Variation of the observer position for the luminaire distance S											
S = 1.0H		0,1 / -0,1					0,1 / -0,1				
S = 1.5H		0,1 / -0,1					0,1 / -0,2				
S = 2.0H		0,2 / -0,3					0,3 / -0,4				
Standard table		n/a					n/a				
Correction summand		n/a					n/a				
Corrected glare indices referring to 667 lm total luminous flux											

Light planning

Coefficients of Utilization

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	118	118	118	118	115	115	115	115	110	110	110	104	104	104	100	100	100	97
1	107	102	97	92	104	99	95	91	94	91	87	90	87	84	86	83	81	79
2	97	88	80	74	94	86	79	73	82	76	71	78	73	69	74	70	67	65
3	88	76	68	61	85	75	67	60	71	64	59	68	62	57	65	60	56	54
4	80	67	58	51	77	66	57	51	63	56	50	60	54	49	58	52	48	45
5	73	60	51	44	71	59	50	43	56	49	43	54	47	42	52	46	41	39
6	68	54	45	38	66	53	44	38	51	43	37	49	42	37	47	41	36	34
7	63	49	40	33	61	48	39	33	46	38	33	44	37	32	43	36	32	30
8	58	44	36	30	56	43	35	29	42	34	29	40	34	29	39	33	28	26
9	54	41	32	26	53	40	32	26	39	31	26	37	31	26	36	30	25	24
10	51	37	29	24	49	37	29	24	36	28	24	34	28	23	33	27	23	21

Luminaire budgetary diagram



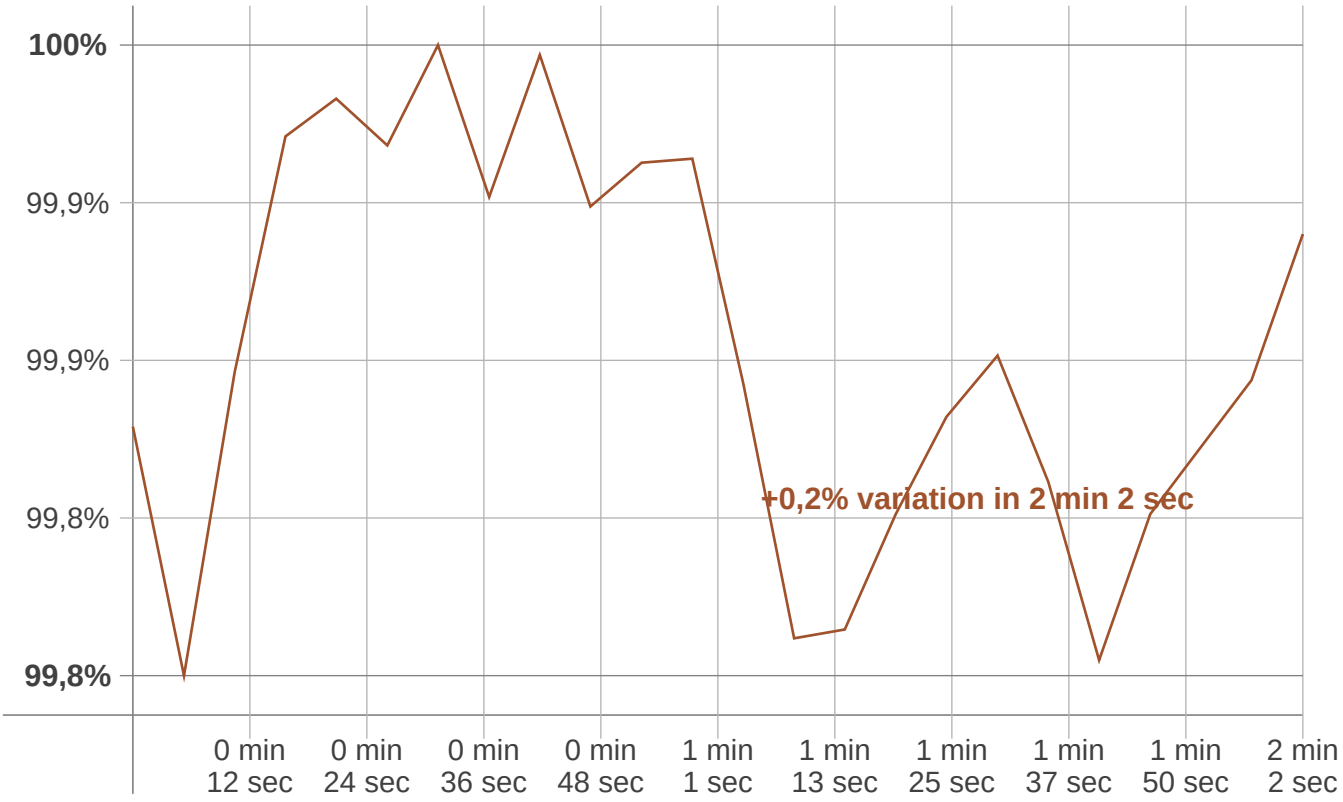
Zonal Lumen Summary

0°-10°	10°-20°	20°-30°	30°-40°	40°-50°	50°-60°	60°-70°	70°-80°	80°-90°
18,9 lm	54,6 lm	84,5 lm	105 lm	113 lm	106 lm	85,9 lm	55,7 lm	26,9 lm

90°-100°	100°-110°	110°-120°	120°-130°	130°-140°	140°-150°	150°-160°	160°-170°	170°-180°
8,52 lm	2,06 lm	1,36 lm	1,27 lm	1,16 lm	0,990 lm	0,820 lm	0,549 lm	0,198 lm

Stabilization

Warmup curve



Warmup result

Warmup time:	**2 min 2 sec**
Warmup variation	**-0,2%**

Warmup conditions

Stable period:	**2 min**
Stable change max:	**500,0%**
Minimum time:	**2 min**

Color temperature change

CCT start	CCT change	CCT end
5977 K	+50 K	6027 K

Output change

Output start	Output change	Output end
668 lm	lm	667 lm