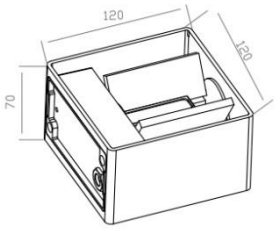
Luminaria para interior

Dimensiones (mm)

Largo: 120, **Ancho:** 120
Alto: 70.



Código

WL536

Descripción

Luminaria aplique decorativo, directa e indirecta. Diseñada con módulos de LED integrados. Para un montaje de sobreponer en pared o muro. El ángulo de luz puede ser ajustable.

Materiales y acabado

Cuerpo en aluminio inyectado con acabado en pintura poliéster electroestática.

Color

Blanco texturizado.

Características técnicas

LED	**135° 135°**	**25,000h**	**IP 20**
PF 0,74	**THD <50%**	**°C 0-55**	**V 100-240**

Fuente de luz

Módulos de LED integrados.

Potencia de Salida	CRI	K	Lm / W	Lm de Salida
6,6W	>70	3000	51	338

Características de fuente de luz

- Color temperatura disponible 3000K (cálido).

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

Light efficiency:

51 Lumen/Watt

Light quality:

CRI: 71,7

Color temperature:

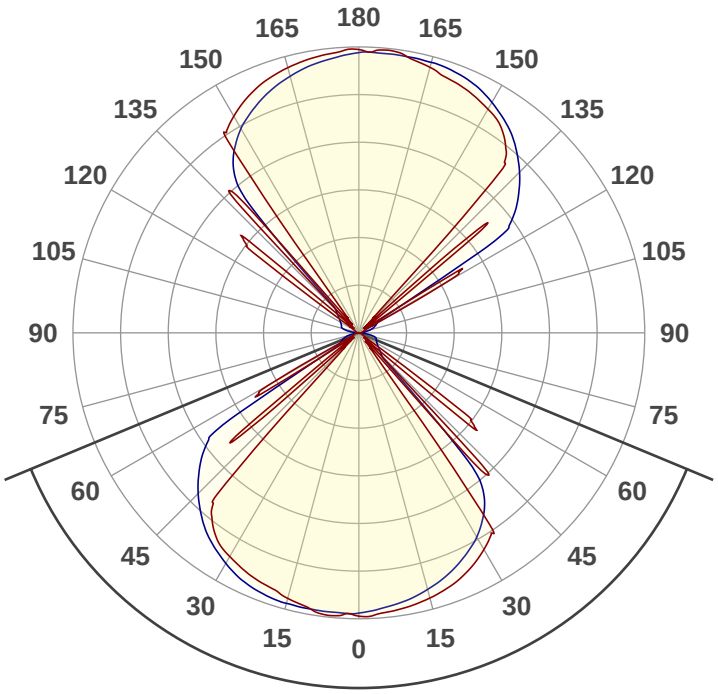
3010 K

Output: 338 lm

Peak: 76,2 cd

Power: 6,6 W

PF: 0,74



Product name:
E0373-WL536

Beam angle

134,9°

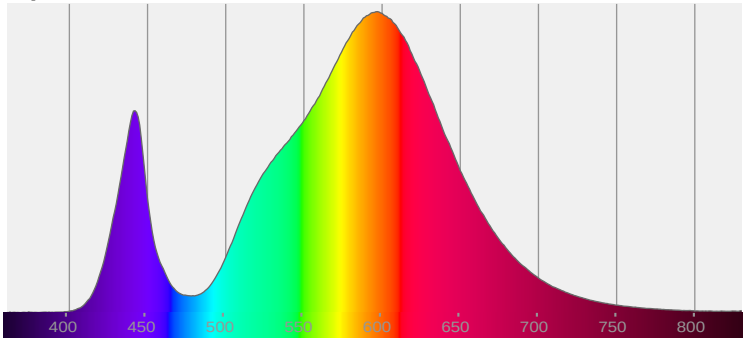
CIE 1931
x: 0,433
y: 0,397

THD Values:

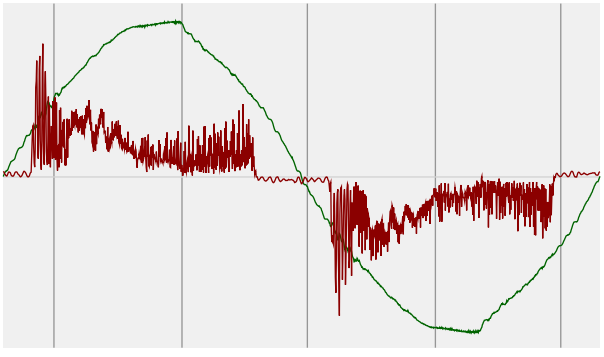
Voltage: 2,56%

Current: 49,45%

Spectra

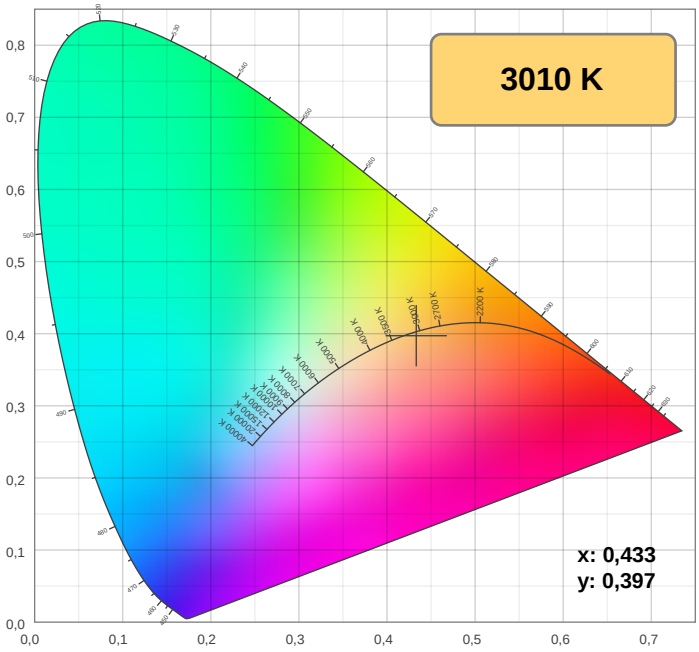


Power



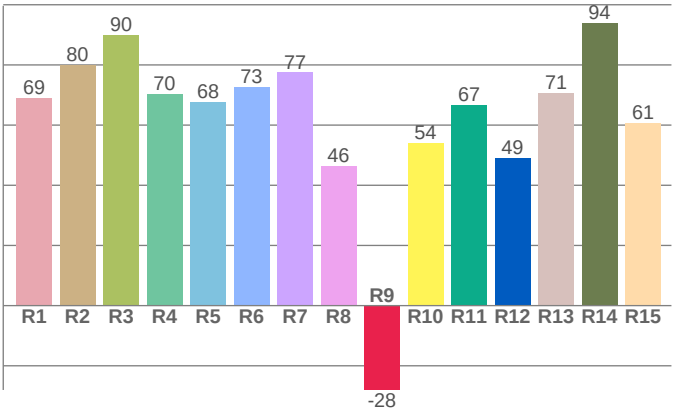
Voltage: 116 V
Current: 0,076 A
Frequency: 60 Hz

Color details



CIE 1931

CRI: 71,7 (R1-R8)

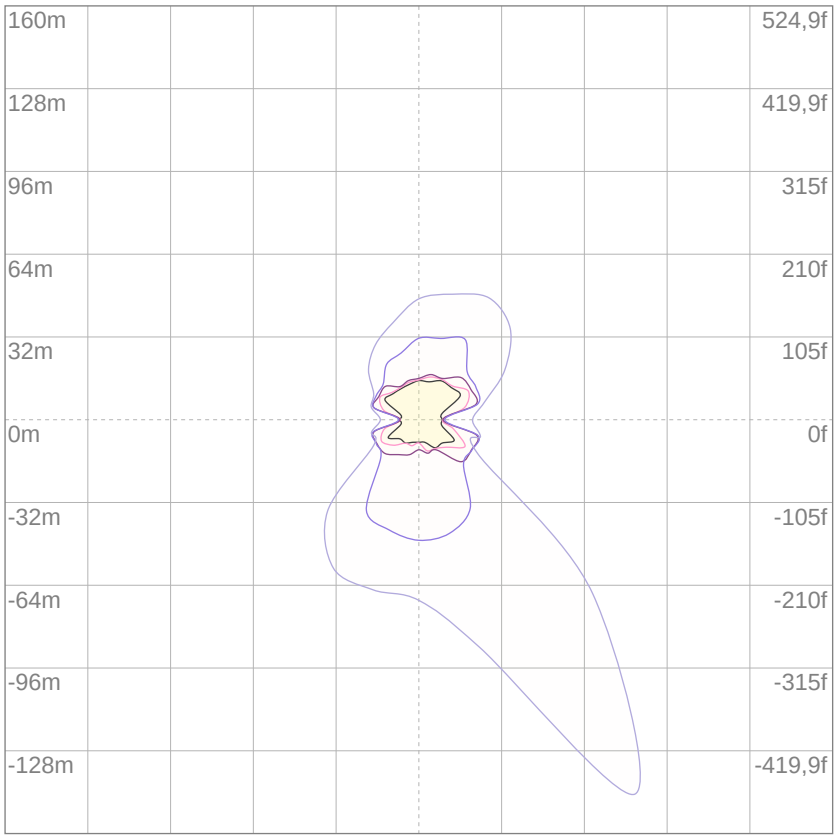


CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	9	R10	R11	R12	R13	R14	R15
69,0	80,0	89,8	70,3	67,7	72,5	77,4	46,5	-28,0	53,9	66,7	49,1	70,6	93,9	60,8

ISO Diagrams

ISO lux diagram



Mounting height: 10 meters (33 f)

3% 22,7m lx
5% 37,8m lx
10% 75,6m lx
30% 0,227 lx
50% 0,378 lx

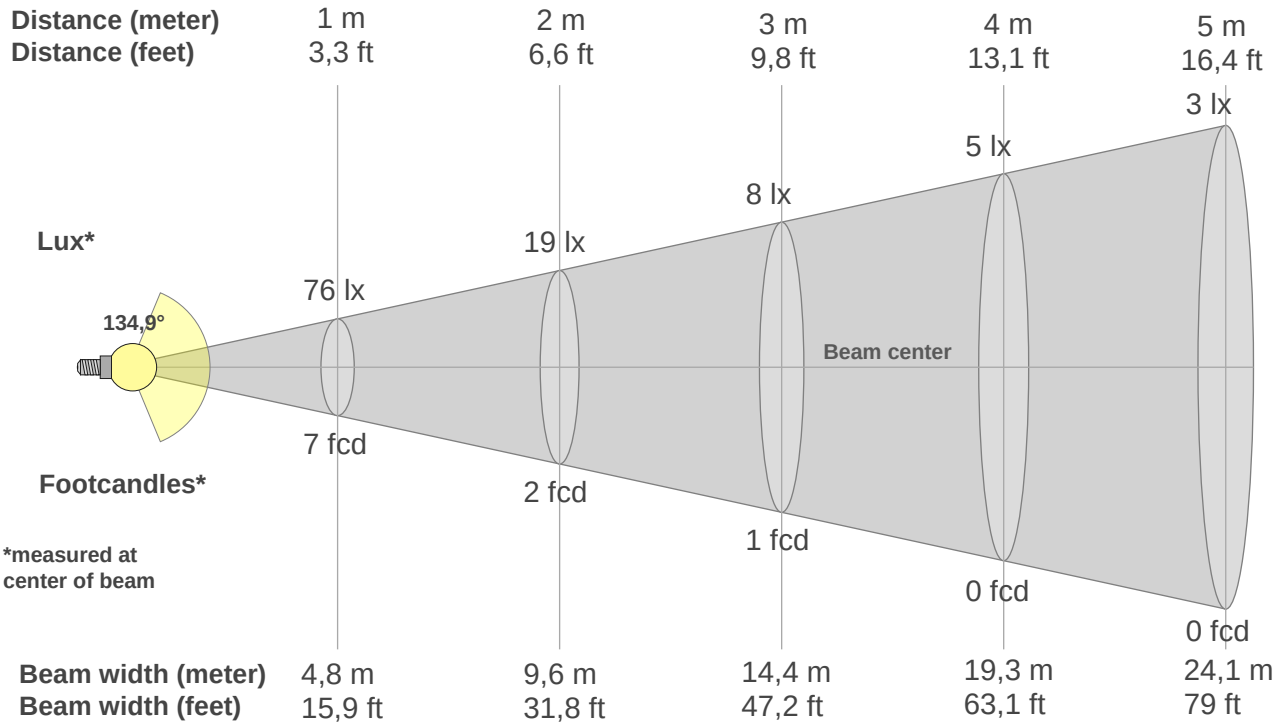
Conditions:

Number of c-planes: 12

Lux at center: 0,756 lx

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

Beam details



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
76lx	19lx	8lx	5lx	3lx	2lx	2lx	1lx	1lx	1lx	1lx	1lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx
7fcd	1,8fcd	0,8fcd	0,4fcd	0,3fcd	0,2fcd	0,1fcd	0,1fcd	0,1fcd	0,1fcd	0,1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd

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°
75,6	74,8	72,8	68,9	9,7	4,4	10,6	1,0	0,7	0,4	0,2	0,8	1,3	3,4	2,8	3,9	65,9	70,3	72,6	75,7
100%	99%	96%	91%	13%	6%	14%	1%	1%	0%	0%	1%	2%	4%	4%	5%	87%	93%	96%	100%

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°
75,6	73,2	70,1	65,3	57,3	8,7	6,5	5,3	4,9	2,6	0,5	1,1	3,9	5,3	50,3	60,9	68,2	72,7	74,9	75,2
100%	97%	93%	86%	76%	12%	9%	7%	6%	3%	1%	2%	5%	7%	67%	81%	90%	96%	99%	100%

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°
75,6	75,7	72,6	70,3	65,9	3,9	2,8	3,4	1,3	0,8	0,2	0,4	0,7	1,0	10,6	4,4	9,7	68,9	72,8	74,8
100%	100%	96%	93%	87%	5%	4%	4%	2%	1%	0%	0%	1%	1%	14%	6%	13%	91%	96%	99%

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°
75,6	75,2	74,9	72,7	68,2	60,9	50,3	5,3	3,9	1,1	0,5	2,6	4,9	5,3	6,5	8,7	57,3	65,3	70,1	73,2
100%	100%	99%	96%	90%	81%	67%	7%	5%	2%	1%	3%	6%	7%	9%	12%	76%	86%	93%	97%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
134,9°	360°	360°	46,9%	34,9%

TM30 details

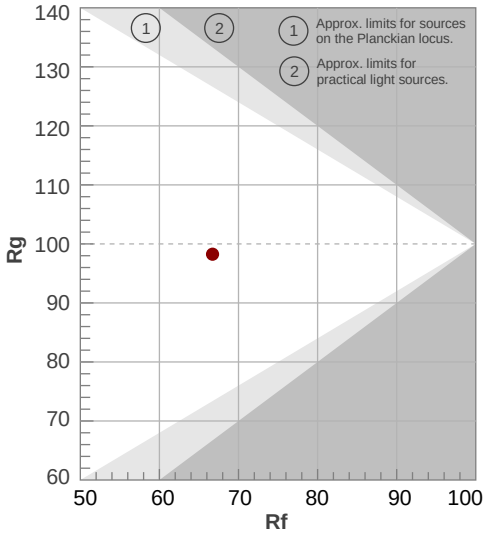
Rf 66,7

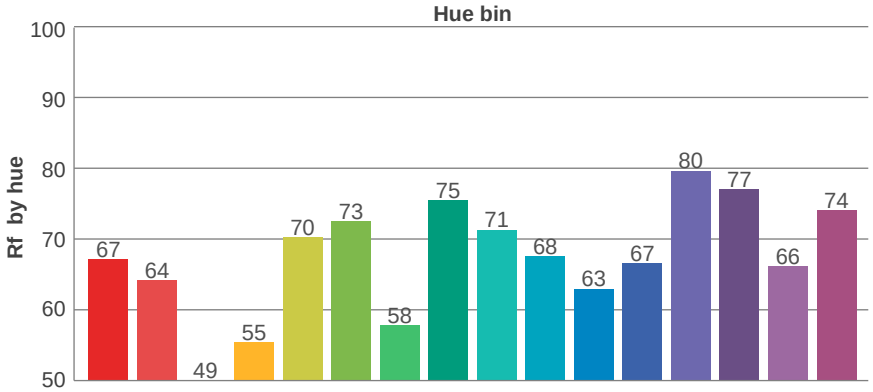
Fidelity index Rf

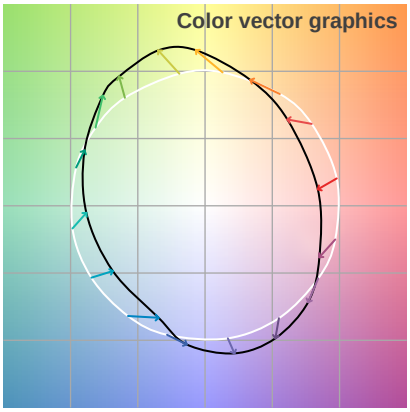
Rg 98,3

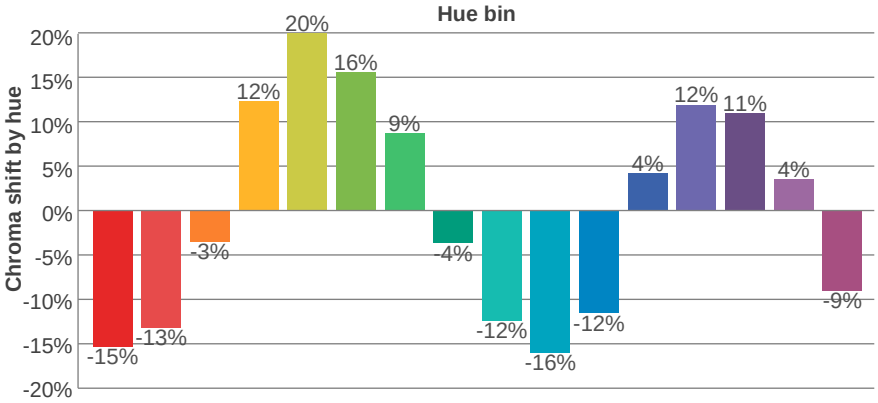
Gammut index Rg

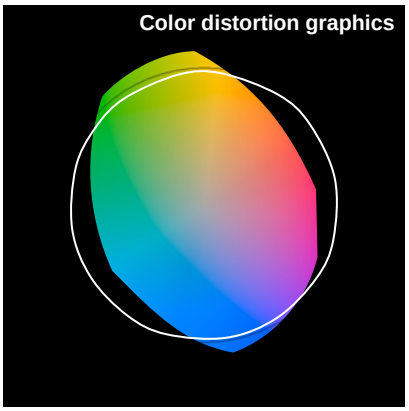
		Graphic shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	67	-15%	-5%
2	64	-13%	13%
3	49	-3%	24%
4	55	12%	23%
5	70	20%	12%
6	73	16%	-5%
7	58	9%	-23%
8	75	-4%	-14%
9	71	-12%	-9%
10	68	-16%	5%
11	63	-12%	20%
12	67	4%	16%
13	80	12%	3%
14	77	11%	-10%
15	66	4%	-19%
16	74	-9%	-15%

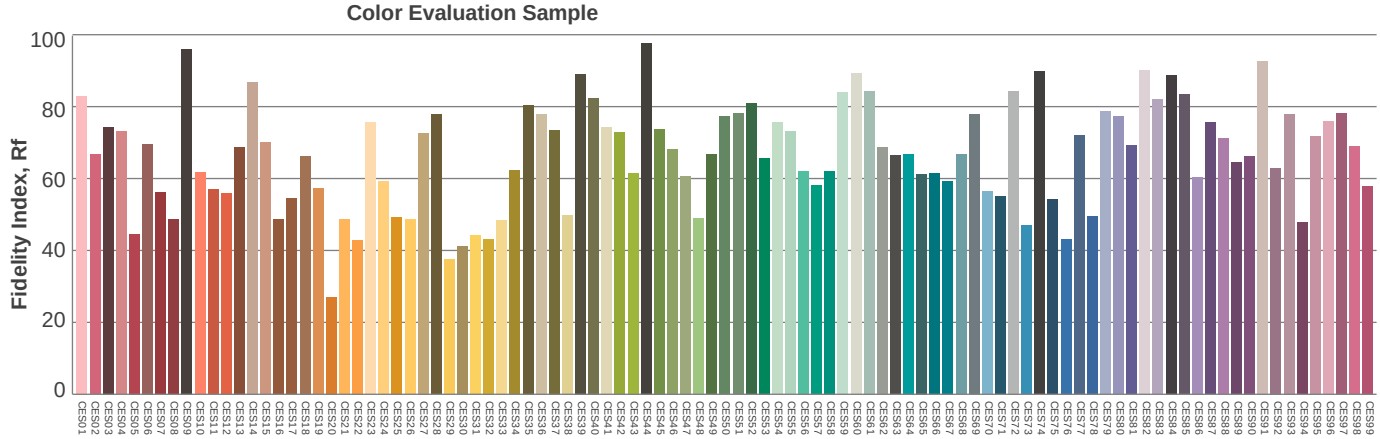










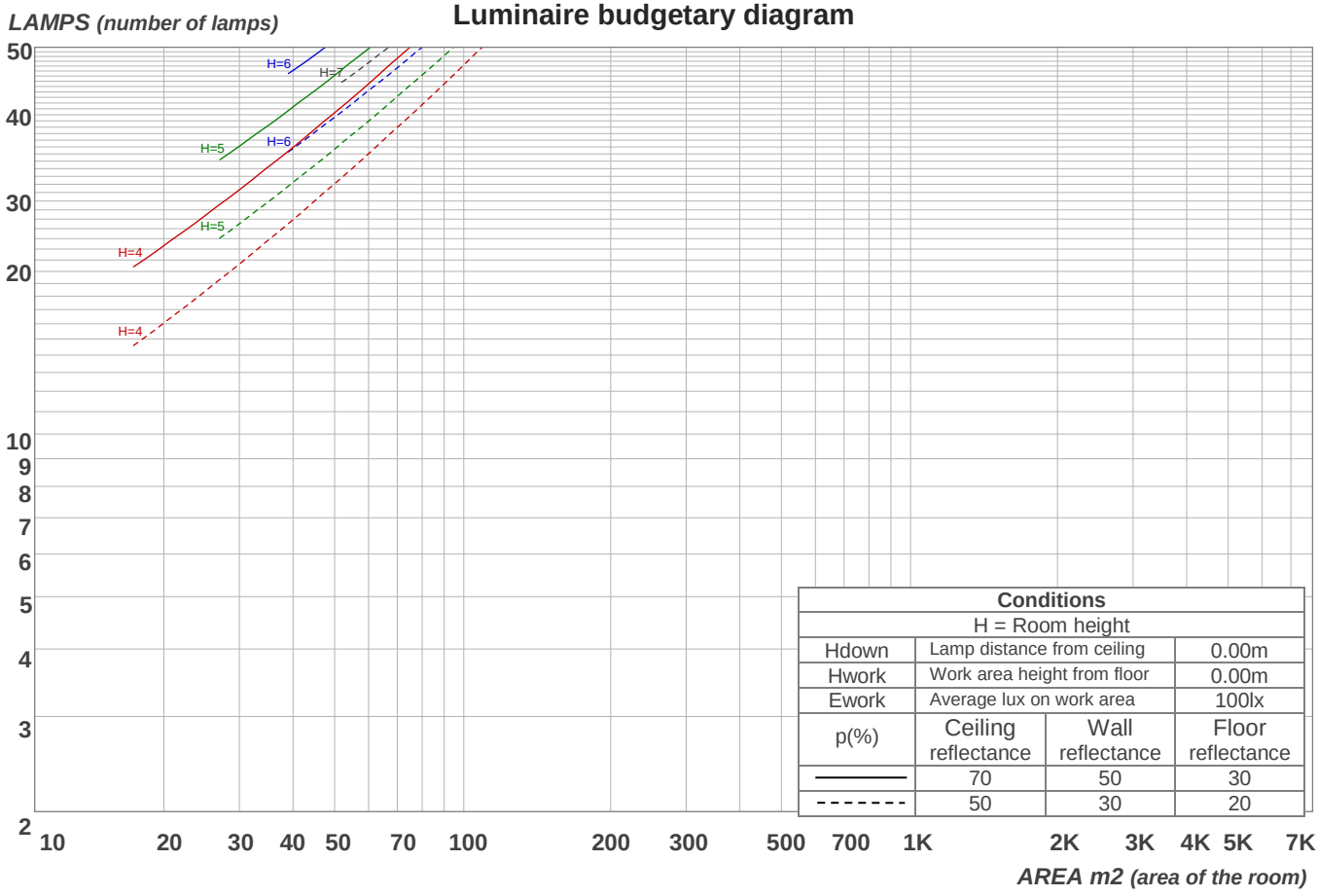


Light planning

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	107	107	107	107	99	99	99	99	83	83	83	69	69	69	56	56	56	50
1	99	95	91	88	91	88	85	82	75	73	71	62	61	60	51	50	49	44
2	91	84	78	74	84	78	73	69	67	63	60	56	54	51	46	45	43	39
3	83	75	68	63	77	69	64	59	60	55	52	50	47	45	42	40	38	34
4	77	67	59	54	71	62	56	51	53	48	45	45	42	39	38	35	33	30
5	71	60	52	46	65	56	49	44	48	43	39	41	37	34	34	32	29	26
6	65	54	46	40	60	50	43	38	44	38	34	37	33	30	31	28	26	23
7	60	49	41	36	56	46	39	34	40	34	30	34	30	27	29	26	23	21
8	56	44	37	32	52	41	35	30	36	31	27	31	27	24	26	23	21	19
9	52	40	33	28	48	38	31	27	33	28	24	29	25	22	24	21	19	17
10	49	37	30	25	45	35	29	24	31	25	22	27	22	20	23	20	17	15

Luminaire budgetary diagram



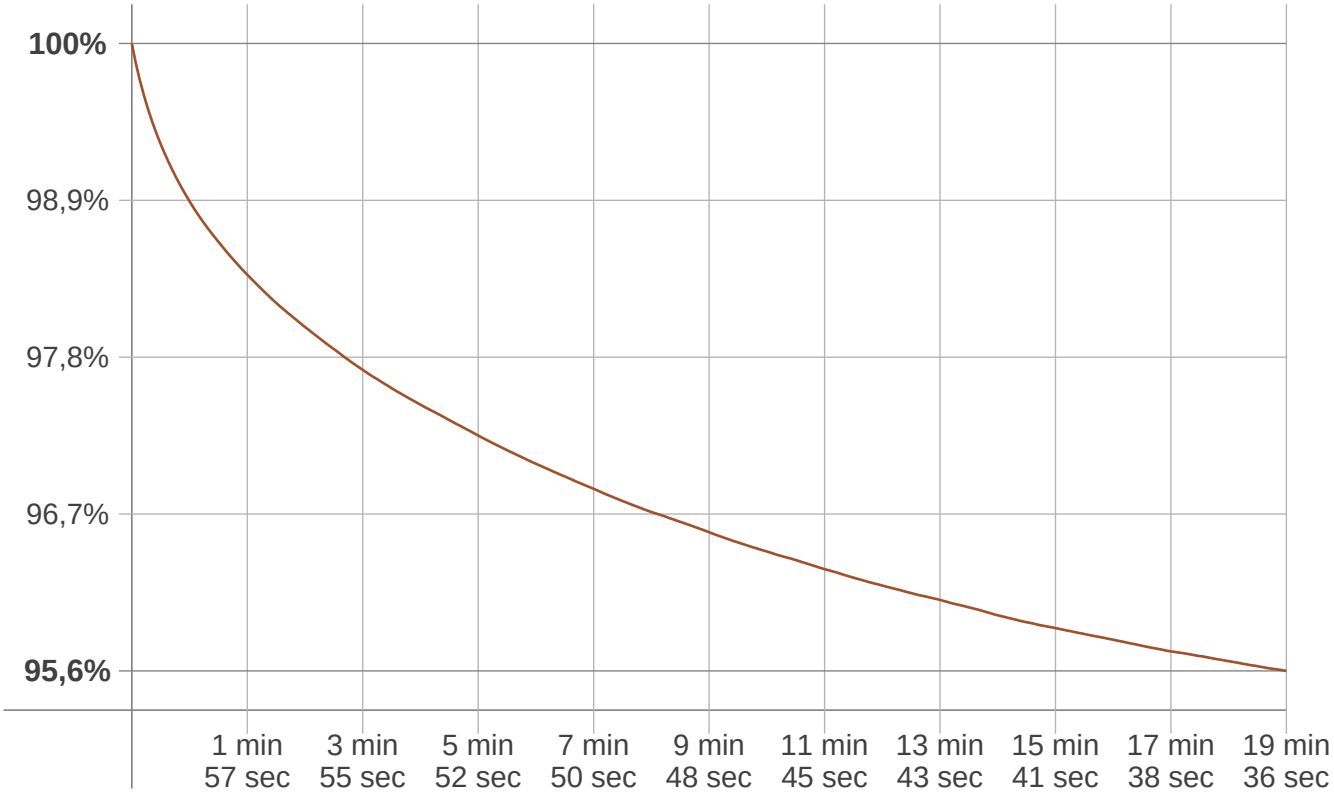
Zonal Lumen Summary

0°-10°	10°-20°	20°-30°	30°-40°	40°-50°	50°-60°	60°-70°	70°-80°	80°-90°
7,19 lm	20,8 lm	32,5 lm	39,0 lm	34,8 lm	24,3 lm	6,88 lm	2,56 lm	1,12 lm

90°-100°	100°-110°	110°-120°	120°-130°	130°-140°	140°-150°	150°-160°	160°-170°	170°-180°
1,12 lm	2,56 lm	6,88 lm	24,3 lm	34,8 lm	39,0 lm	32,5 lm	20,8 lm	7,19 lm

Stabilization

Warmup curve



Warmup result

Warmup time:	**19 min 36 sec**
Warmup variation	**-4,4%**

Warmup conditions

Stable period:	**15 min**
Stable change max:	**2,0%**
Minimum time:	**15 min**

Color temperature change

CCT start	CCT change	CCT end
3003 K	**+7 K**	**3010 K**

Output change

Output start	Output change	Output end
352 lm	**-14 lm**	**338 lm**