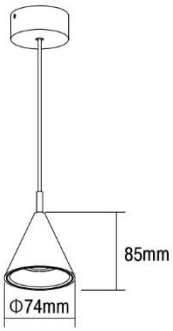
Luminaria para interior

Dimensiones (mm)

Ancho: Ø74
Alto: 85.



Código

SL372

Descripción

Luminaria para descolgar, diseñada con COB de LED. Compuesta por un óptico especular y un difusor tipo lente el cual permite un mejor reparto de luz.

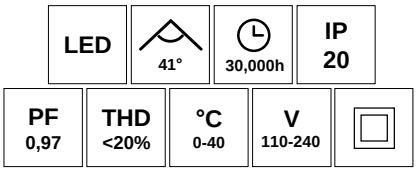
Materiales y acabado

Cuerpo en aluminio y base sujetadora en acero con acabado en pintura poliéster electroestática en polvo.

Color

Negra texturizada.

Características técnicas



Fuente de luz

COB de LED.

Potencia Nominal	CRI	K	Lm / W	Lm de Salida
5W	>80	3000	195	890

Características de fuente de luz

- Color temperatura disponible 3000K (cálido).
- Marca LED: CITIZEN. Marca Driver: AREEK.
- Potencia de Salida: 4,6W.

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

Light efficiency:

195 Lumen/Watt

Light quality:

CRI: 84,5

Color temperature:

3068 K

Output: 890 lm

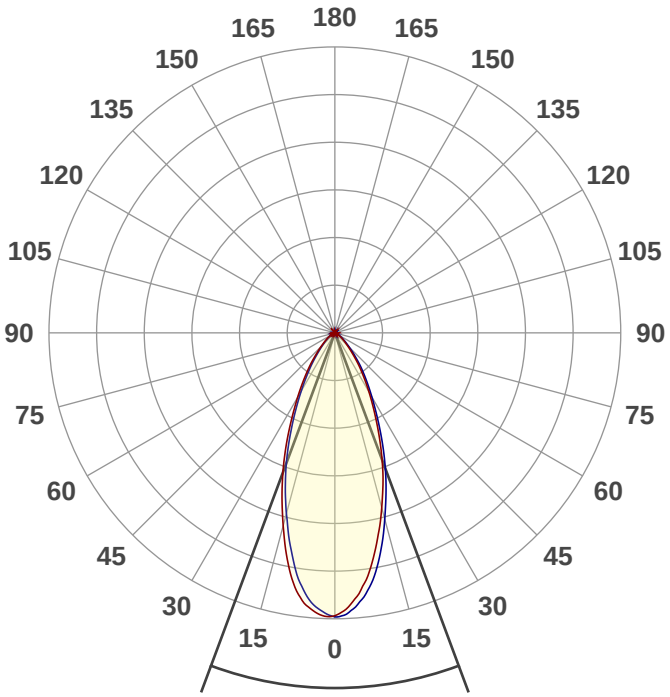
Peak: 1401 cd

Power: 4,6 W

PF: 0,97

Product name:

E0227-SL372



Beam angle

40,8°

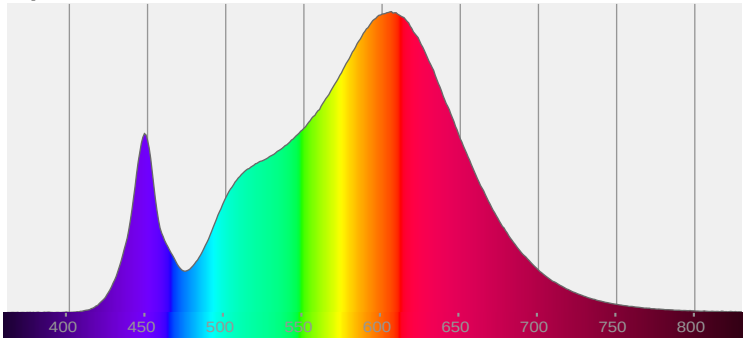
CIE 1931
x: 0,433
y: 0,404

THD Values:

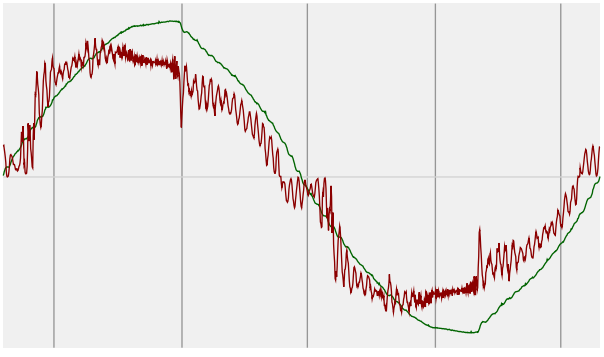
Voltage: 2,75%

Current: 13,64%

Spectra

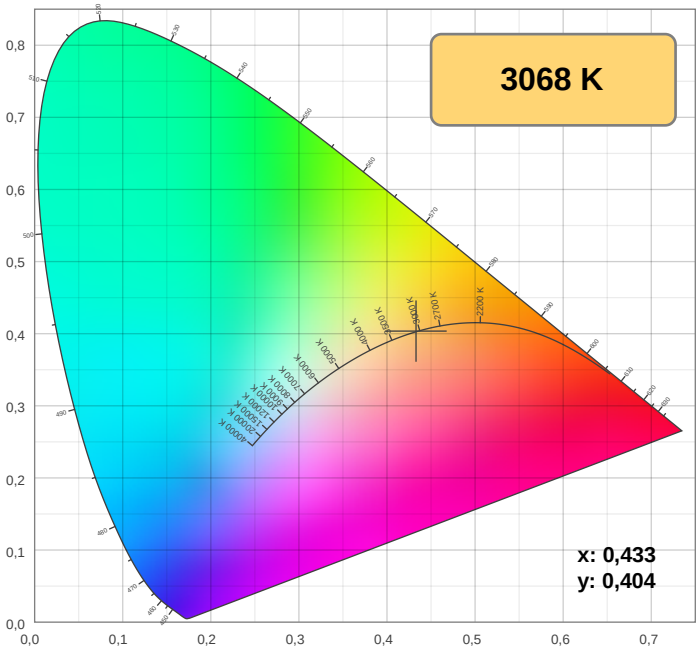


Power



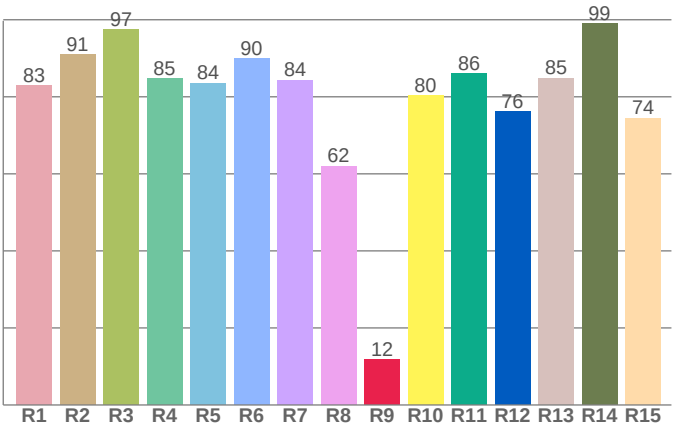
Voltage: 111 V
Current: 0,043 A
Frequency: 59,9 Hz

Color details



CIE 1931

CRI: 84,5 (R1-R8)

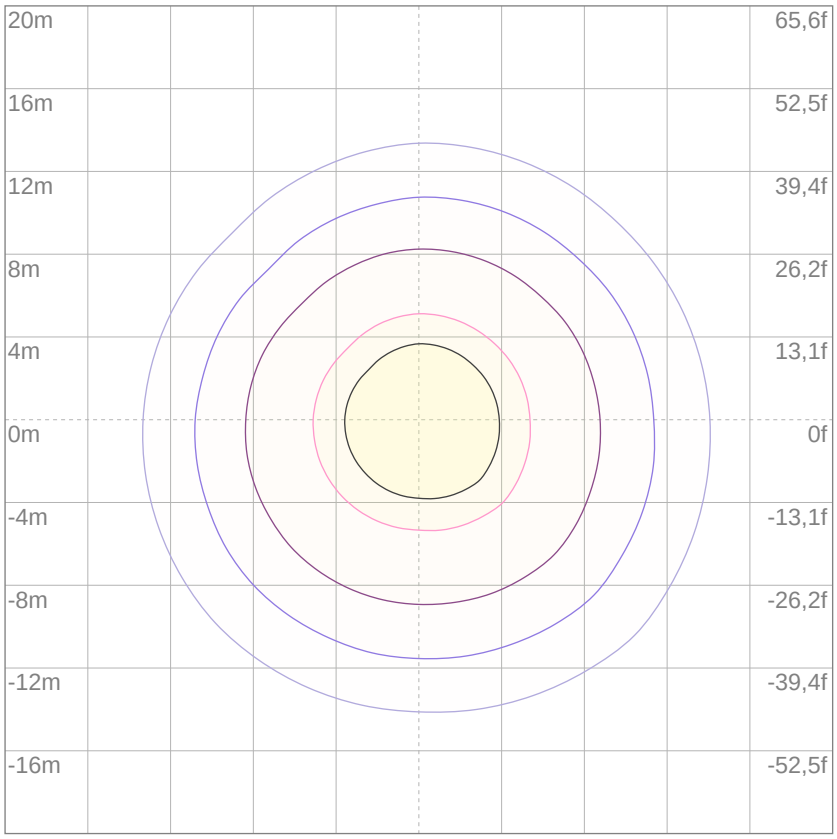


CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	9	R10	R11	R12	R13	R14	R15
82,9	91,0	97,4	84,7	83,6	89,9	84,4	62,0	11,8	80,2	85,9	76,1	84,8	99,0	74,4

ISO Diagrams

ISO lux diagram



Mounting height: 10 meters (33 f)

3% 0,418 lx
5% 0,696 lx
10% 1,39 lx
30% 4,18 lx
50% 6,96 lx

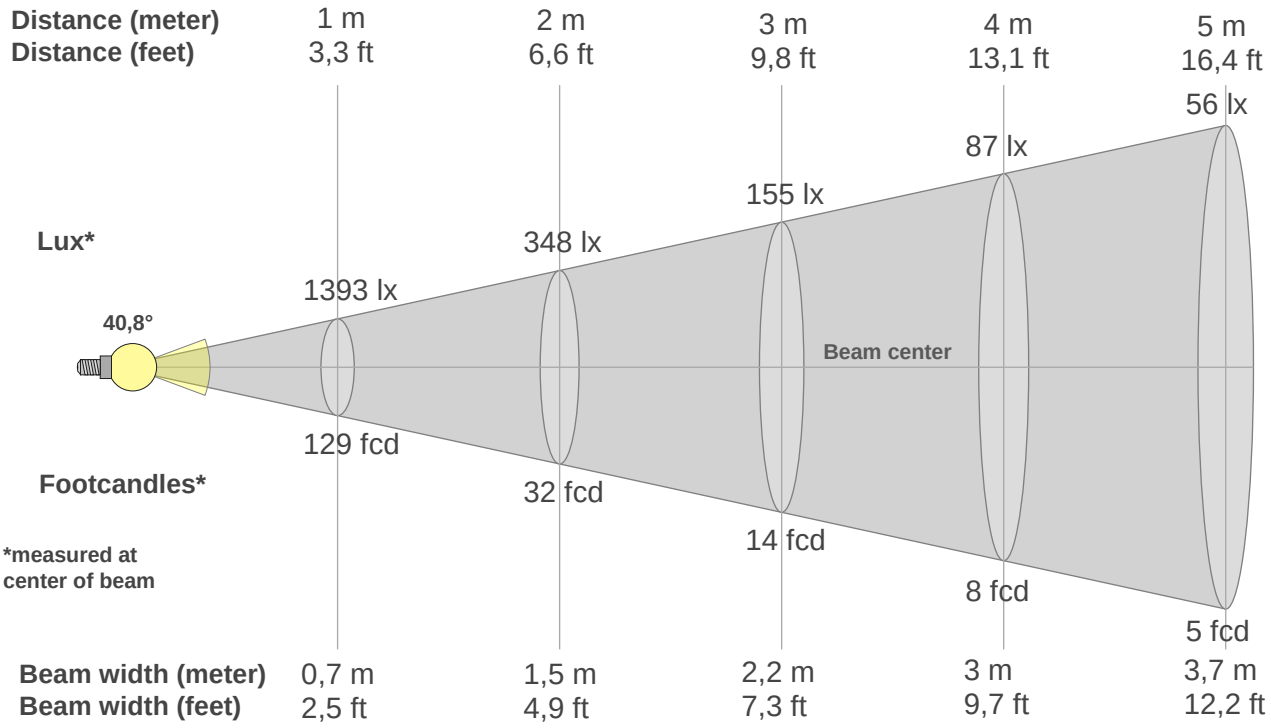
Conditions:

Number of c-planes: 8

Lux at center: 13,9 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
1393lx	348lx	155lx	87lx	56lx	39lx	28lx	22lx	17lx	14lx	12lx	10lx	8lx	7lx	6lx	5lx	5lx	4lx	4lx	3lx
129,4fc	32,3fcd	14,4fcd	8,1fcd	5,2fcd	3,6fcd	2,6fcd	2fcd	1,6fcd	1,3fcd	1,1fcd	0,9fcd	0,8fcd	0,7fcd	0,6fcd	0,5fcd	0,4fcd	0,4fcd	0,4fcd	0,3fcd

Intensities in 0° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
1393	1366	1321	1264	1196	1111	1022	936	848	767	683	602	524	453	391	336	287	244	206	170
100%	98%	95%	91%	86%	80%	73%	67%	61%	55%	49%	43%	38%	32%	28%	24%	21%	17%	15%	12%

Intensities in 90° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
1393	1389	1359	1314	1256	1180	1092	998	903	815	730	646	564	489	422	365	315	272	234	199
100%	100%	98%	94%	90%	85%	78%	72%	65%	59%	52%	46%	40%	35%	30%	26%	23%	20%	17%	14%

Intensities in 180° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
1393	1395	1378	1348	1297	1224	1133	1033	935	842	752	663	578	498	427	367	314	267	226	190
100%	100%	99%	97%	93%	88%	81%	74%	67%	60%	54%	48%	42%	36%	31%	26%	23%	19%	16%	14%

Intensities in 270° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
1393	1380	1351	1305	1239	1155	1063	966	877	789	703	617	533	458	390	331	280	235	197	163
100%	99%	97%	94%	89%	83%	76%	69%	63%	57%	50%	44%	38%	33%	28%	24%	20%	17%	14%	12%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
40,8°	81,2°	111,6°	98,1%	90,8%

TM30 details

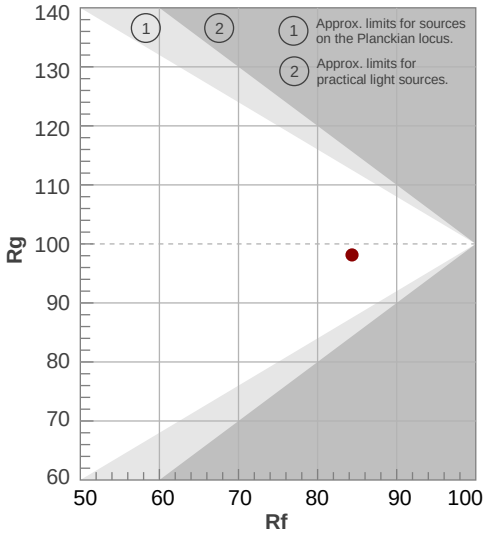
Rf 84,4

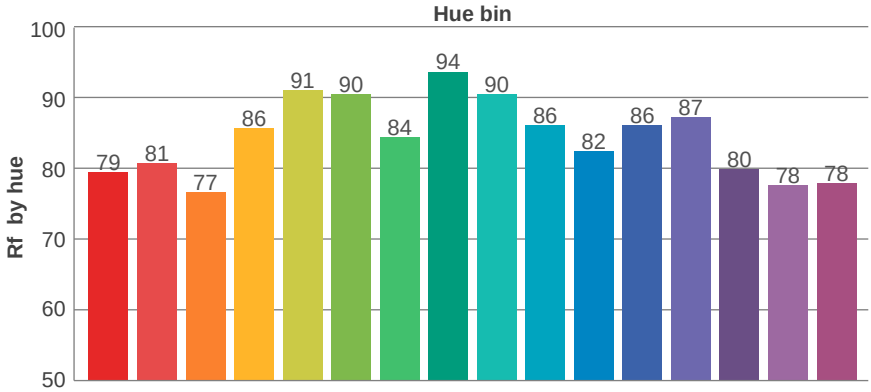
Fidelity index Rf

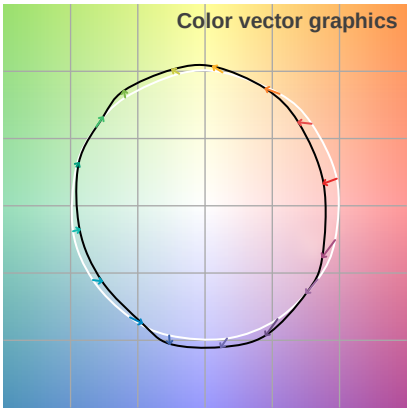
Rg 98,1

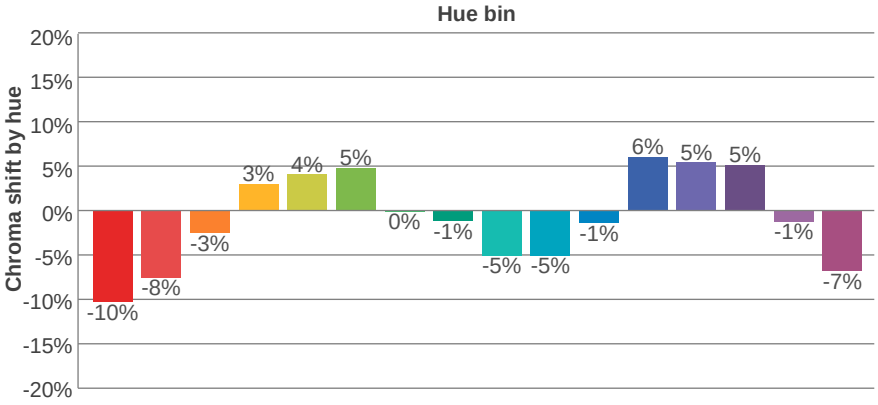
Gammut index Rg

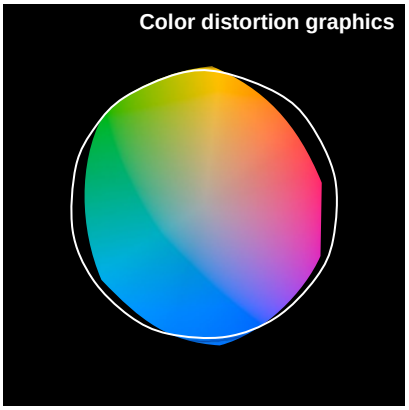
		Graphic shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	79	-10%	-2%
2	81	-8%	6%
3	77	-3%	11%
4	86	3%	8%
5	91	4%	4%
6	90	5%	-2%
7	84	0%	-9%
8	94	-1%	-3%
9	90	-5%	0%
10	86	-5%	4%
11	82	-1%	10%
12	86	6%	2%
13	87	5%	-6%
14	80	5%	-14%
15	78	-1%	-13%
16	78	-7%	-14%

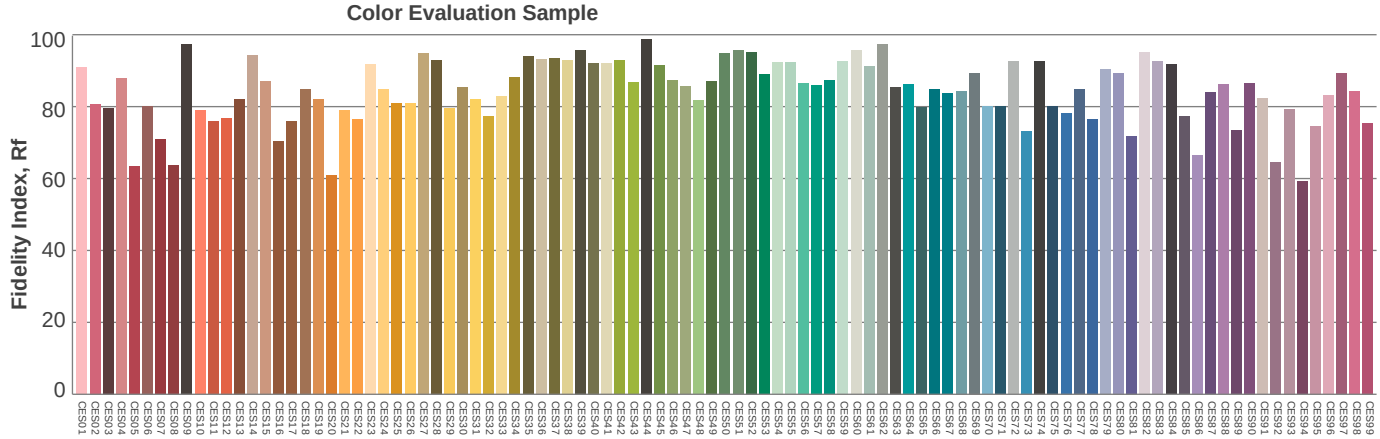










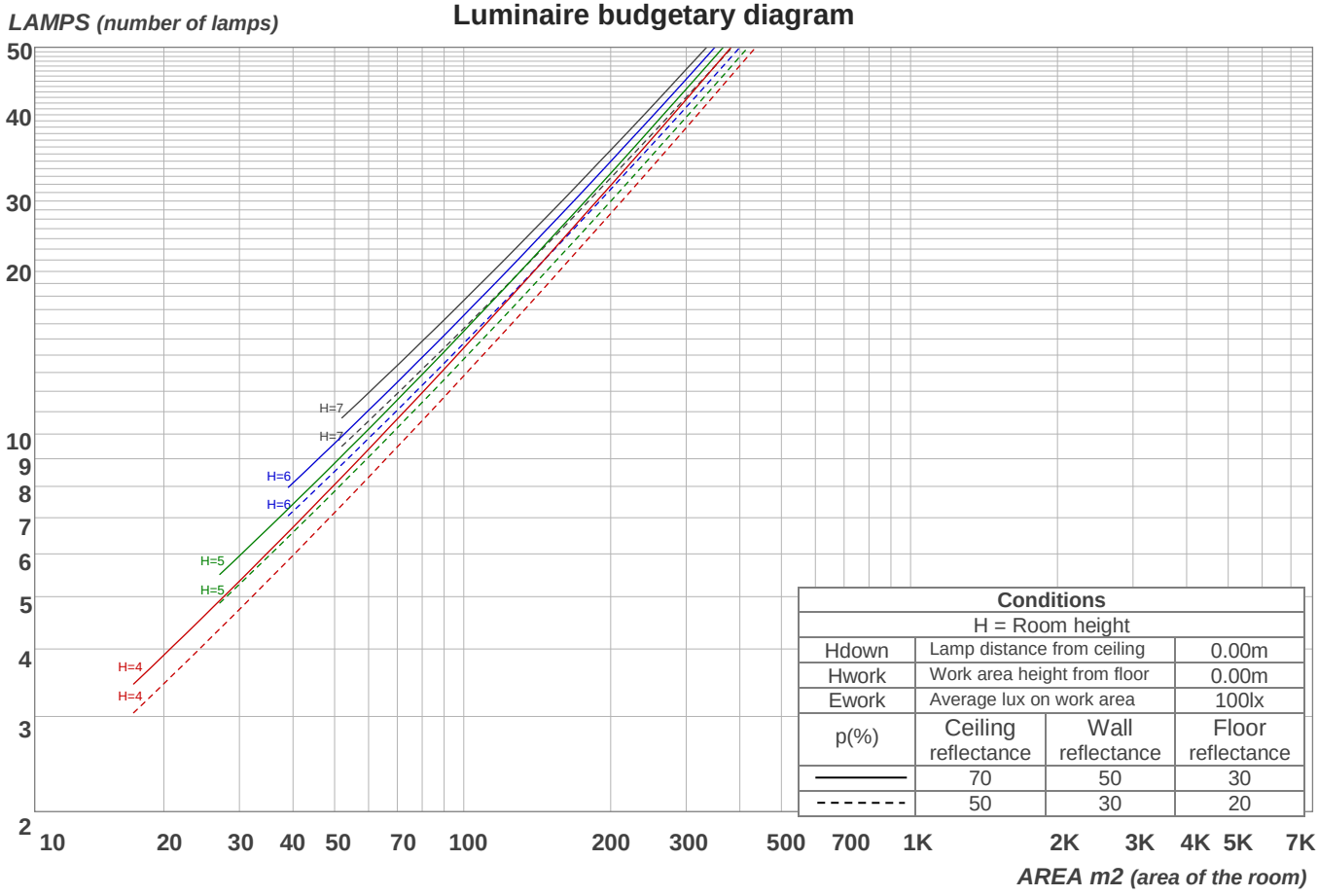


Light planning

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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	113	110	108	106	111	108	106	104	104	102	101	101	99	98	97	96	95	93
2	108	103	98	95	105	101	97	94	98	94	92	95	92	90	92	90	88	86
3	102	95	90	86	100	94	89	86	91	87	84	89	86	83	87	84	82	80
4	97	89	83	79	95	88	83	79	86	81	78	84	80	77	82	79	76	74
5	92	83	77	73	90	82	77	73	81	76	72	79	75	71	77	74	71	69
6	87	78	72	68	86	78	72	68	76	71	67	75	70	67	73	69	66	65
7	83	74	68	63	82	73	67	63	72	67	63	71	66	63	69	65	62	61
8	79	70	64	60	78	69	63	59	68	63	59	67	62	59	66	62	59	57
9	76	66	60	56	74	65	60	56	65	59	56	64	59	56	63	59	55	54
10	72	63	57	53	71	62	57	53	61	56	53	61	56	53	60	56	53	51

Luminaire budgetary diagram



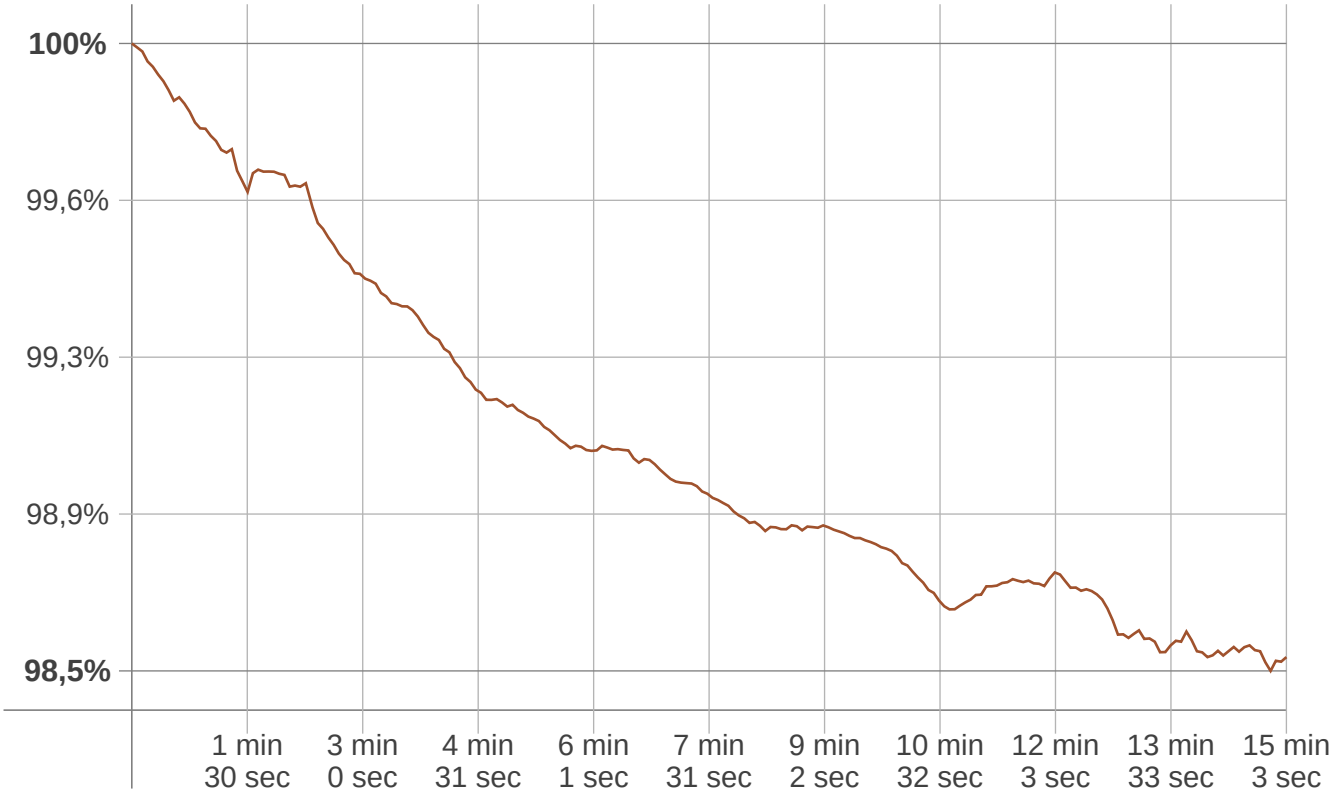
Zonal Lumen Summary

0°-10°	10°-20°	20°-30°	30°-40°	40°-50°	50°-60°	60°-70°	70°-80°	80°-90°
122 lm	259 lm	235 lm	148 lm	73,6 lm	34,6 lm	13,9 lm	2,31 lm	0,073 lm

90°-100°	100°-110°	110°-120°	120°-130°	130°-140°	140°-150°	150°-160°	160°-170°	170°-180°
0,071 lm	0,074 lm	0,075 lm	0,075 lm	0,085 lm	0,095 lm	0,090 lm	0,051 lm	0,010 lm

Stabilization

Warmup curve



Warmup result

Warmup time:	**15 min 3 sec**
Warmup variation	**-1,5%**

Warmup conditions

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

Color temperature change

CCT start	CCT change	CCT end
3059 K	**+9 K**	**3068 K**

Output change

Output start	Output change	Output end
900 lm	**-11 lm**	**890 lm**