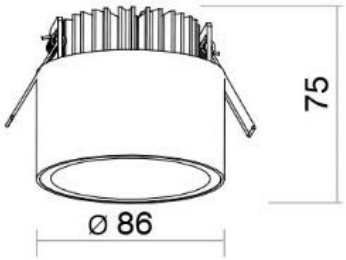
Dimensiones (mm)

Diámetro: Ø86
Altura: 75



Código

KT6577

Descripción

Luminaria tipo bala recesada, diseñada con módulo de LED. Semi empotrada al techo por medio de sujetadores ubicados en los laterales. Compuesta con un disipador en aluminio y un óptico especular faceteado.

Materiales y acabado

Sujetadores y resortes en hierro con acabado galvanizado. Cuerpo y aro en aluminio inyectado, con acabado en pintura poliéster electroestática en polvo a prueba de radiación UV.

Color

Blanco.

Características técnicas

LED	28°	25,000h	**IP 20**
PF 0,53	**°C** 0-55	**V** 120-240	**Hz** 50/60

Fuente de luz

Bala con módulo de LED.

Potencia Nominal	CRI	K	Lm / W	Lm de Salida
6,2W	>80	3000	70	547

Características de fuente de luz

- Color temperatura disponible 3000K (cálido).
- Potencia de Salida: 7,8W.

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

Light efficiency:

70 Lumen/Watt

Light quality:

CRI: 82,0

Color temperature:

3368 K

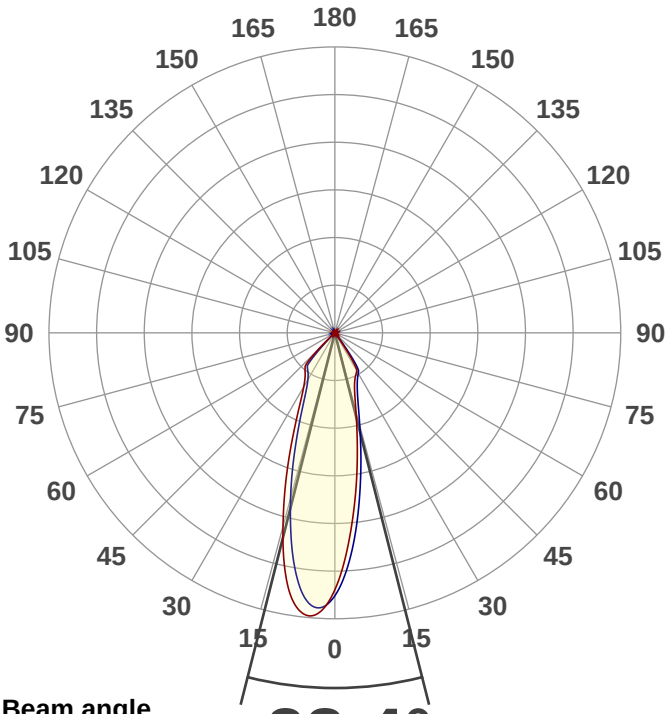
Output: 547 lm

Peak: 1241 cd

Power: 7,8 W

PF: 0,53

Product name:
E0187-KT6577



Beam angle

28,4°

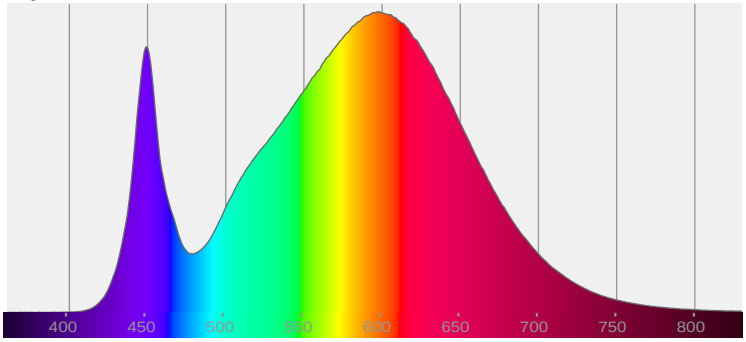
CIE 1931
x: 0,410
y: 0,386

THD Values:

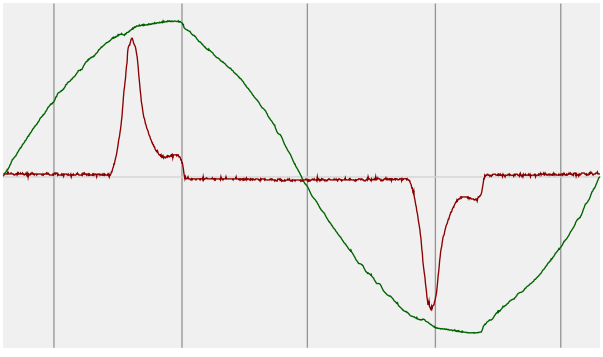
Voltage: 2,57%

Current: 150,29%

Spectra

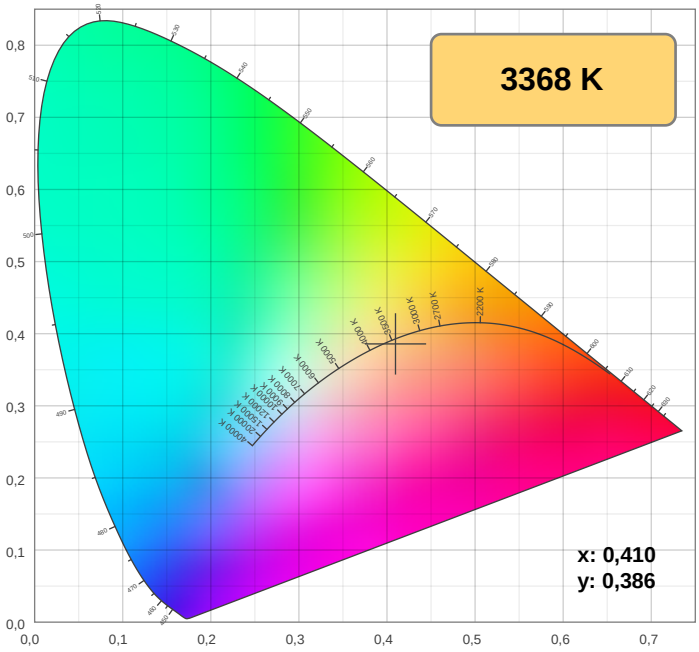


Power



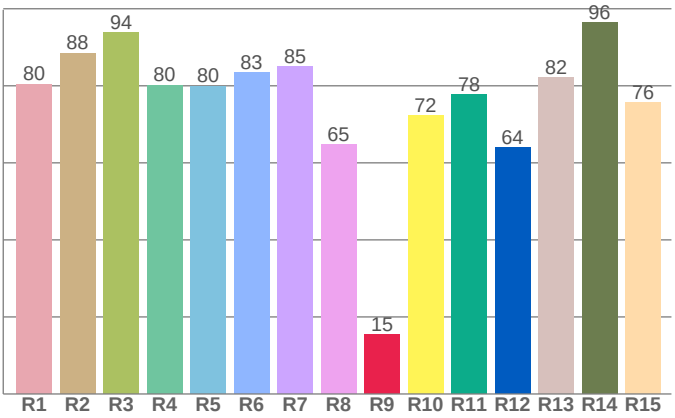
Voltage: 116 V
Current: 0,128 A
Frequency: 60 Hz

Color details



CIE 1931

CRI: 82,0 (R1-R8)

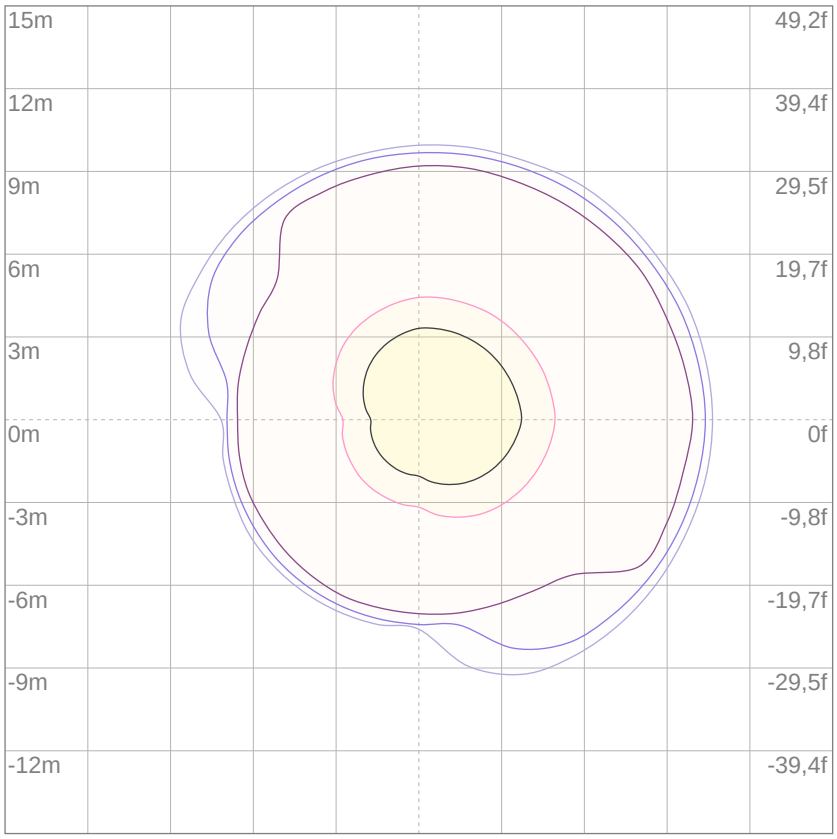


CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	9	R10	R11	R12	R13	R14	R15
80,5	88,4	93,7	80,1	79,9	83,4	84,9	64,7	15,4	72,2	77,7	63,9	82,1	96,4	75,7

ISO Diagrams

ISO lux diagram



Mounting height: 10 meters (33 f)

3%	0,340 lx
5%	0,567 lx
10%	1,13 lx
30%	3,40 lx
50%	5,67 lx

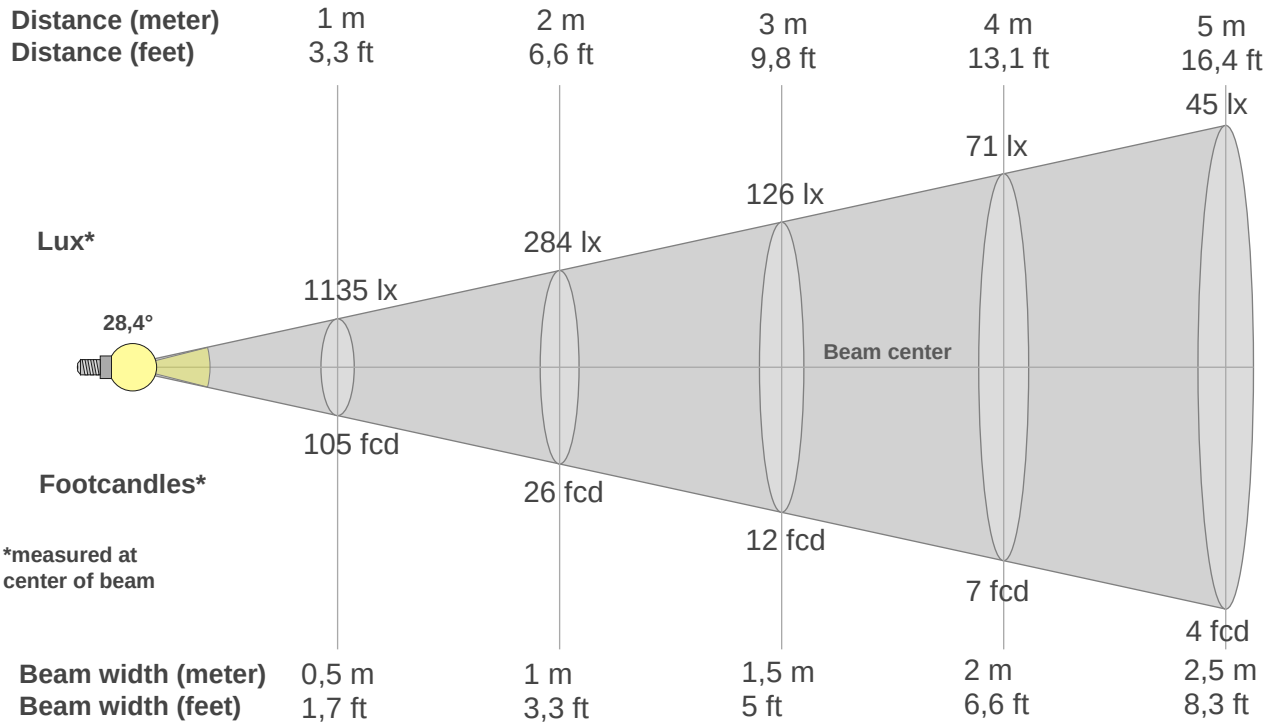
Conditions:

Number of c-planes: 4

Lux at center: 11,3 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
1135lx	284lx	126lx	71lx	45lx	32lx	23lx	18lx	14lx	11lx	9lx	8lx	7lx	6lx	5lx	4lx	4lx	4lx	3lx	3lx
105,4fc	26,4fcd	11,7fcd	6,6fcd	4,2fcd	2,9fcd	2,2fcd	1,6fcd	1,3fcd	1,1fcd	0,9fcd	0,7fcd	0,6fcd	0,5fcd	0,5fcd	0,4fcd	0,4fcd	0,3fcd	0,3fcd	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°
1135	1021	903	784	671	564	469	389	327	282	251	231	217	207	199	191	158	86	27	15
100%	90%	80%	69%	59%	50%	41%	34%	29%	25%	22%	20%	19%	18%	18%	17%	14%	8%	2%	1%

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°
1135	1075	980	871	756	647	547	459	387	331	290	262	241	225	214	204	194	153	77	21
100%	95%	86%	77%	67%	57%	48%	40%	34%	29%	26%	23%	21%	20%	19%	18%	17%	13%	7%	2%

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°
1135	1195	1235	1238	1208	1146	1052	937	815	699	589	492	412	350	304	272	249	233	221	211
100%	105%	109%	109%	106%	101%	93%	83%	72%	62%	52%	43%	36%	31%	27%	24%	22%	21%	19%	19%

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°
1135	1192	1202	1176	1115	1025	918	803	692	584	486	404	338	290	257	236	221	210	202	195
100%	105%	106%	104%	98%	90%	81%	71%	61%	51%	43%	36%	30%	26%	23%	21%	19%	18%	18%	17%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
28,4°	77,3°	82,7°	97,7%	94,6%

TM30 details

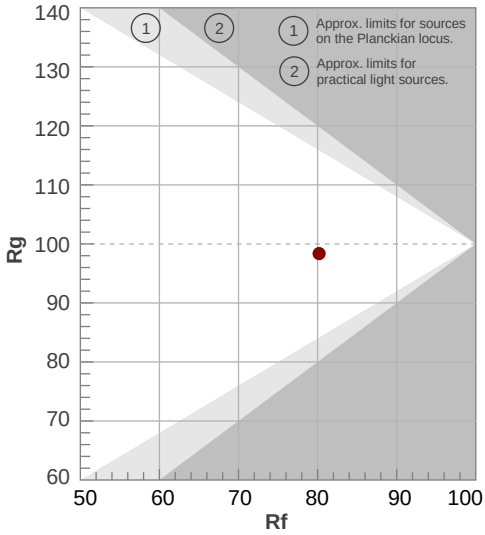
Rf 80,2

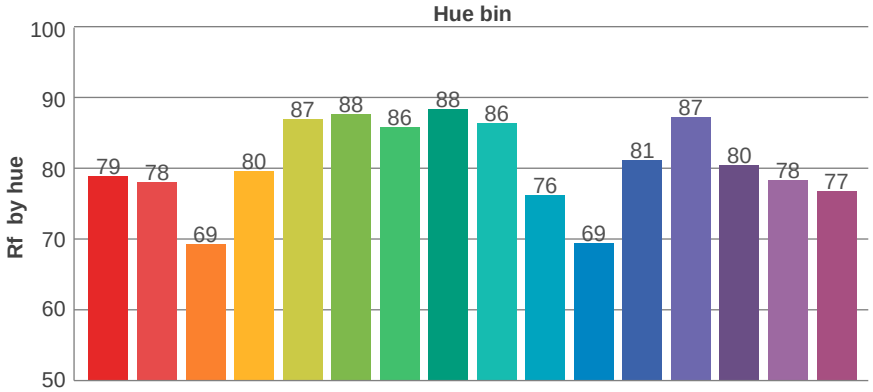
Fidelity index Rf

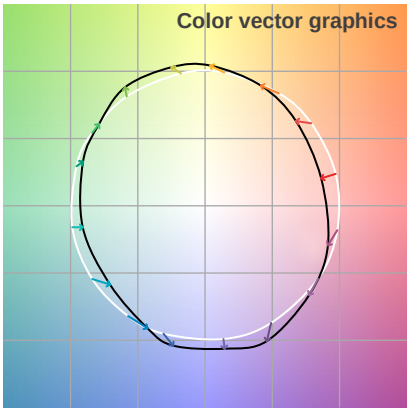
Rg 98,4

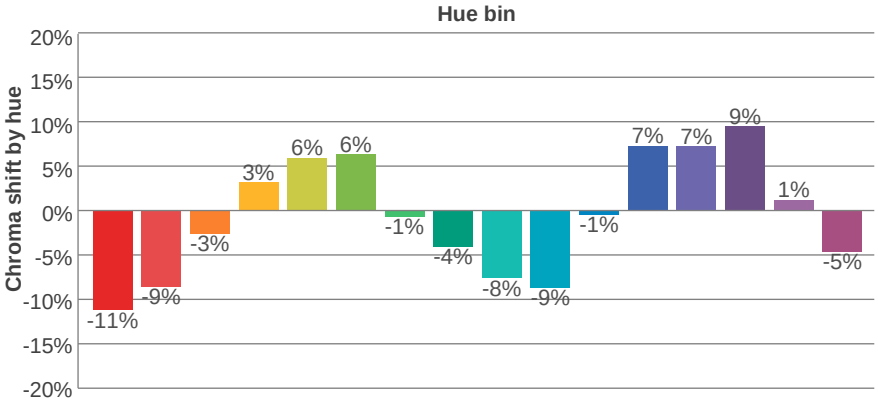
Gammut index Rg

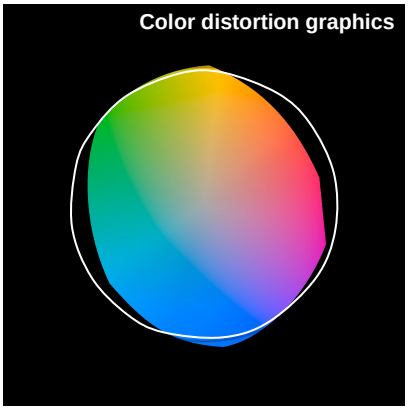
Hue Bin	R_f	Graphic shifts (%) Chroma	Hue
1	79	-11%	-1%
2	78	-9%	8%
3	69	-3%	14%
4	80	3%	11%
5	87	6%	6%
6	88	6%	-3%
7	86	-1%	-8%
8	88	-4%	-4%
9	86	-8%	2%
10	76	-9%	11%
11	69	-1%	17%
12	81	7%	9%
13	87	7%	-1%
14	80	9%	-10%
15	78	1%	-14%
16	77	-5%	-12%

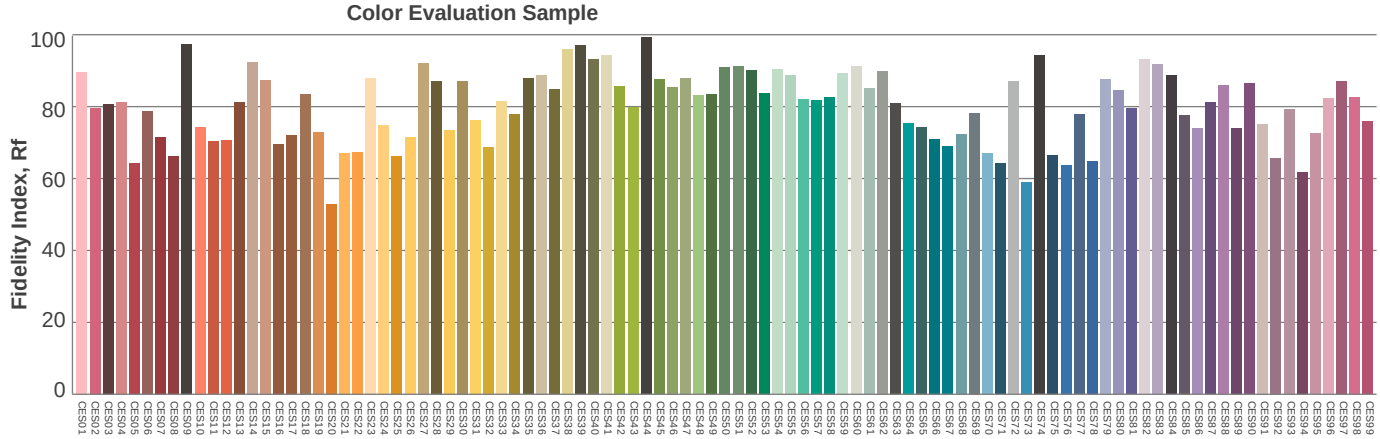










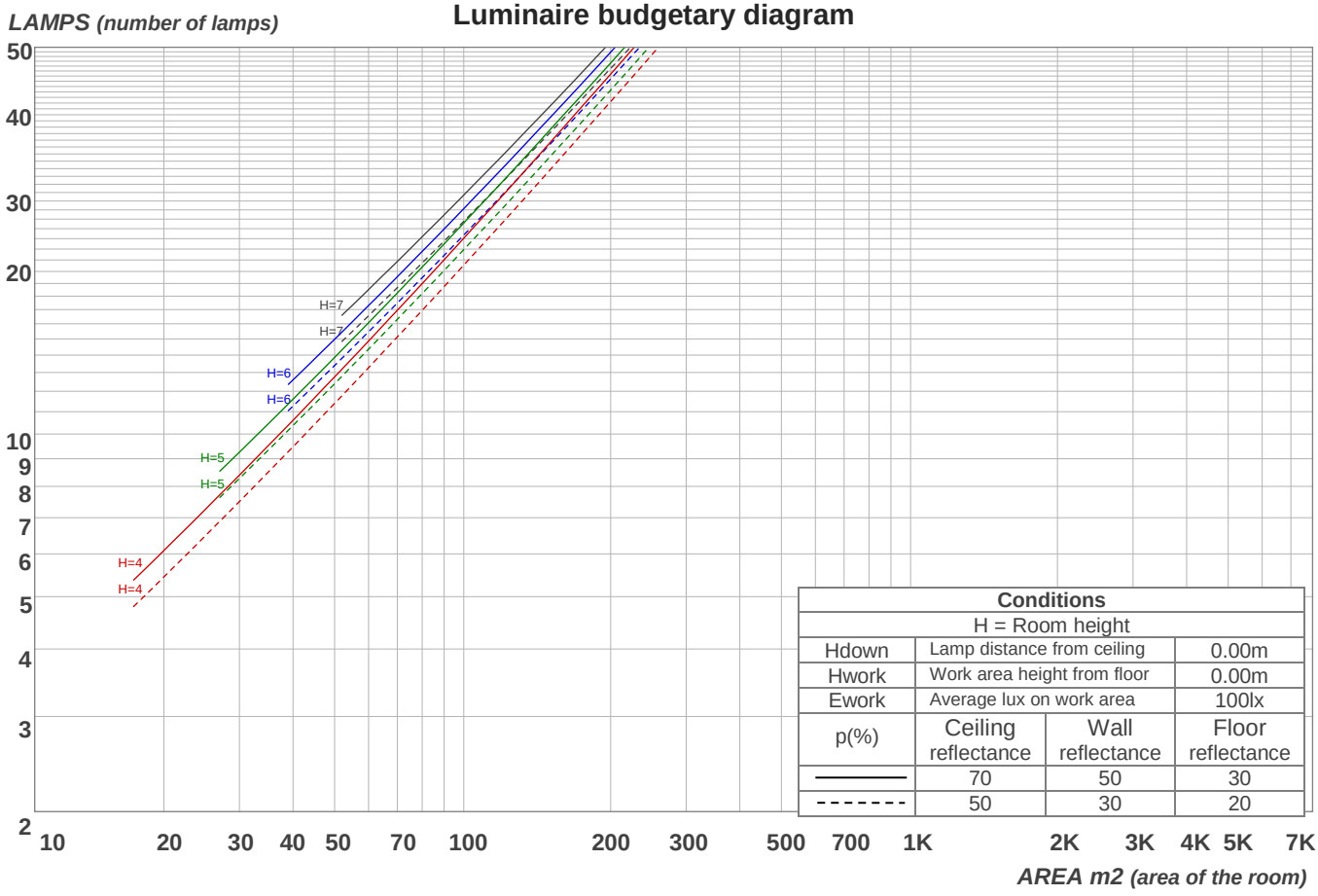


Light planning

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	111	108	106	111	109	106	104	104	103	101	101	99	98	97	96	95	93
2	108	103	99	96	106	101	98	95	98	95	93	95	93	91	92	90	89	87
3	103	96	91	88	101	95	91	87	92	89	85	90	87	84	88	85	83	81
4	98	90	85	81	96	89	84	80	87	83	79	85	81	79	83	80	78	76
5	93	85	79	75	92	84	79	75	82	78	74	81	77	74	79	76	73	72
6	89	80	75	70	87	80	74	70	78	73	70	77	72	69	75	72	69	67
7	85	76	70	66	84	75	70	66	74	69	66	73	69	65	72	68	65	64
8	81	72	66	62	80	72	66	62	70	66	62	69	65	62	69	65	62	60
9	78	69	63	59	77	68	63	59	67	62	59	66	62	59	65	61	58	57
10	75	65	60	56	74	65	60	56	64	59	56	63	59	56	63	59	56	54

Luminaire budgetary diagram



Conditions			
H = Room height			
Hdown	Lamp distance from ceiling		0.00m
Hwork	Work area height from floor		0.00m
Ework	Average lux on work area		100lx
p(%)	Ceiling reflectance	Wall reflectance	Floor reflectance
———	70	50	30
- - - - - - -	50	30	20

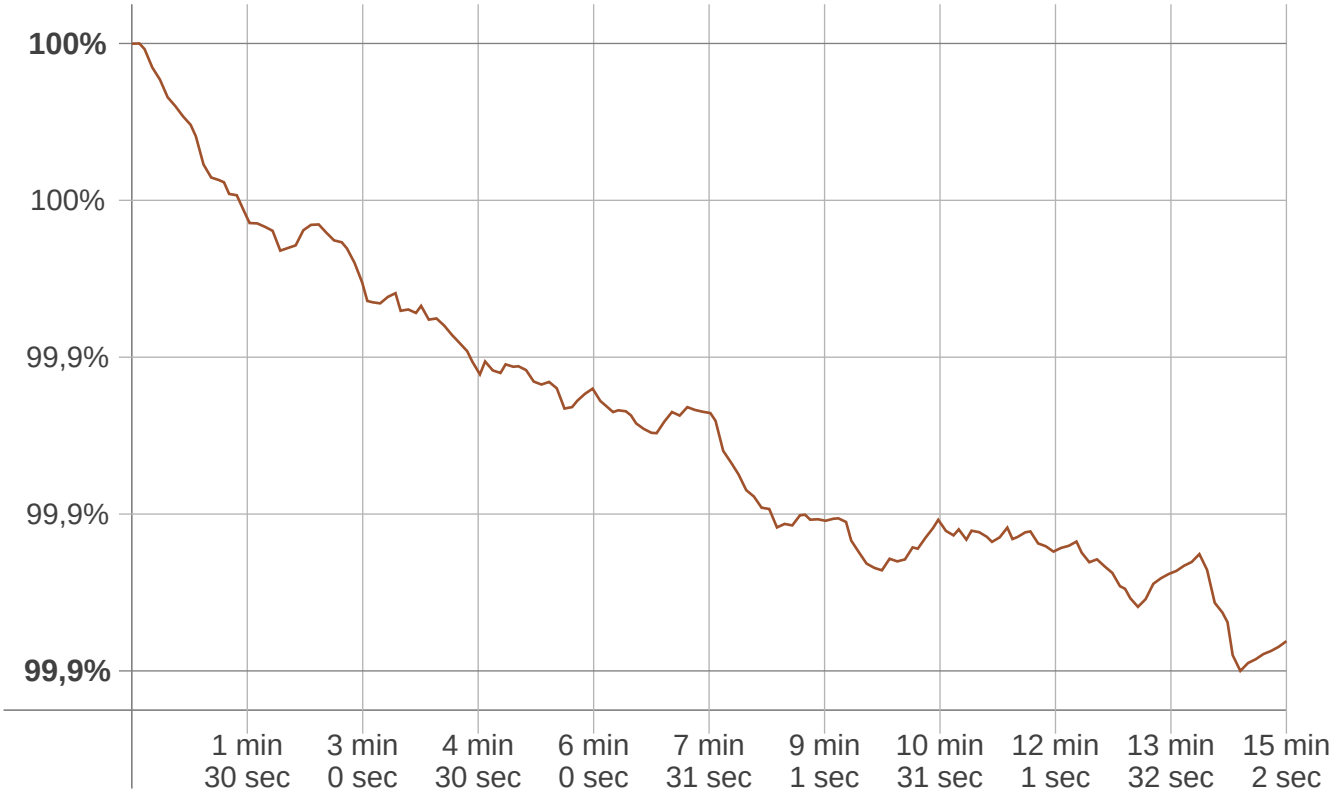
Zonal Lumen Summary

0°-10°	10°-20°	20°-30°	30°-40°	40°-50°	50°-60°	60°-70°	70°-80°	80°-90°
93,7 lm	166 lm	134 lm	96,4 lm	35,7 lm	9,49 lm	7,37 lm	4,02 lm	1,13 lm

90°-100°	100°-110°	110°-120°	120°-130°	130°-140°	140°-150°	150°-160°	160°-170°	170°-180°
0,035 lm	0,021 lm	0,021 lm	0,023 lm	0,028 lm	0,034 lm	0,034 lm	0,020 lm	0,004 lm

Stabilization

Warmup curve



Warmup result

Warmup time:	**15 min 2 sec**
Warmup variation	**-0,1%**

Warmup conditions

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

Color temperature change

CCT start	CCT change	CCT end
3323 K	**+45 K**	**3368 K**

Output change

Output start	Output change	Output end
548 lm	**-1 lm**	**547 lm**