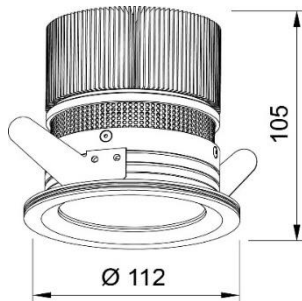




Dimensiones (mm)

Diámetro: Ø112
Altura: 105



Código

KT6327

Descripción

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



Materiales y acabado

Cuerpo en aluminio inyectado, con acabado en pintura poliéster electrostática en polvo a prueba de radiación UV.

Color

Blanco.

Características técnicas

LED	 19°	 25,000h	IP 20
PF 0,78	°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
9W	>80	3000	63	759

Características de fuente de luz

- Color temperatura disponible 3000K (cálido).
- Potencia de Salida: 11,9W.

Light efficiency:



Light quality:



Color temperature:



Output: 759 lm

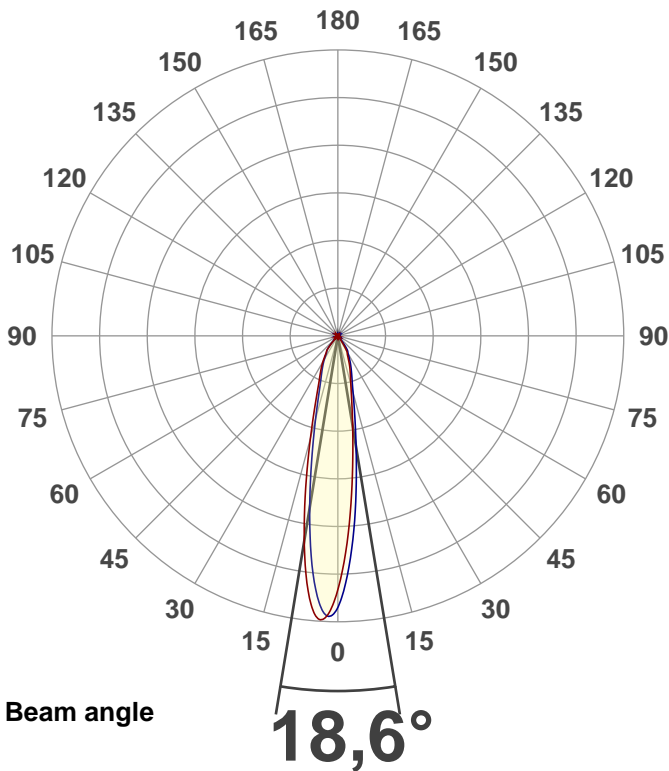
Peak: 3285 cd

Power: 11,9 W

PF: 0,78



Product name:
E0184-KT6327



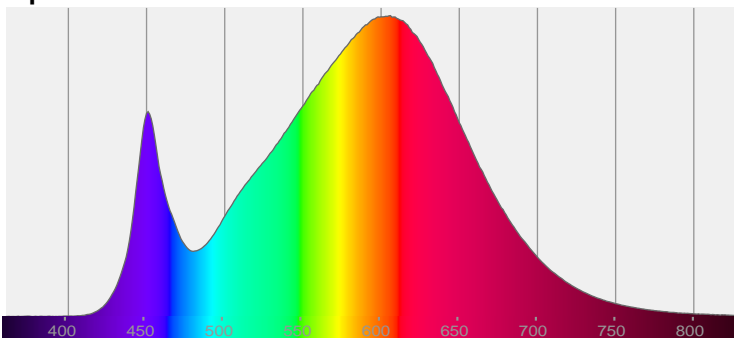
CIE 1931
x: 0,424
y: 0,396

THD Values:

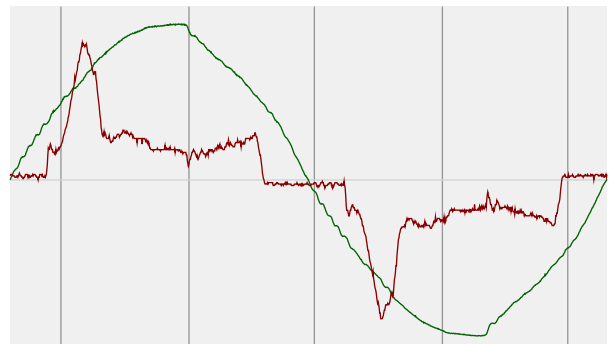
Voltage: 2,91%

Current: 66,31%

Spectra

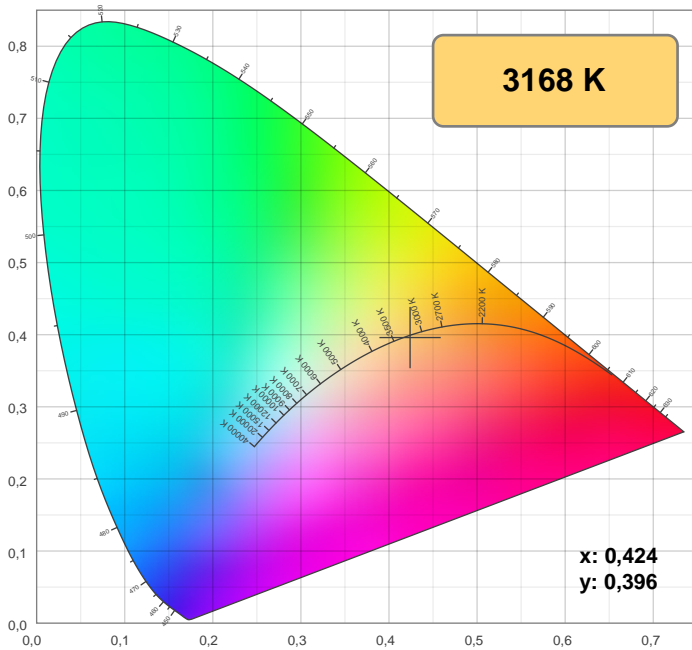


Power



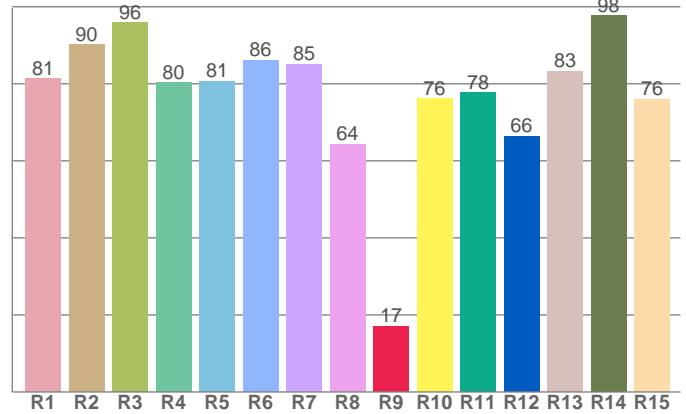
Voltage: 116 V
Current: 0,133 A
Frequency: 60 Hz

Color details



CIE 1931

CRI: 83,0 (R1-R8)

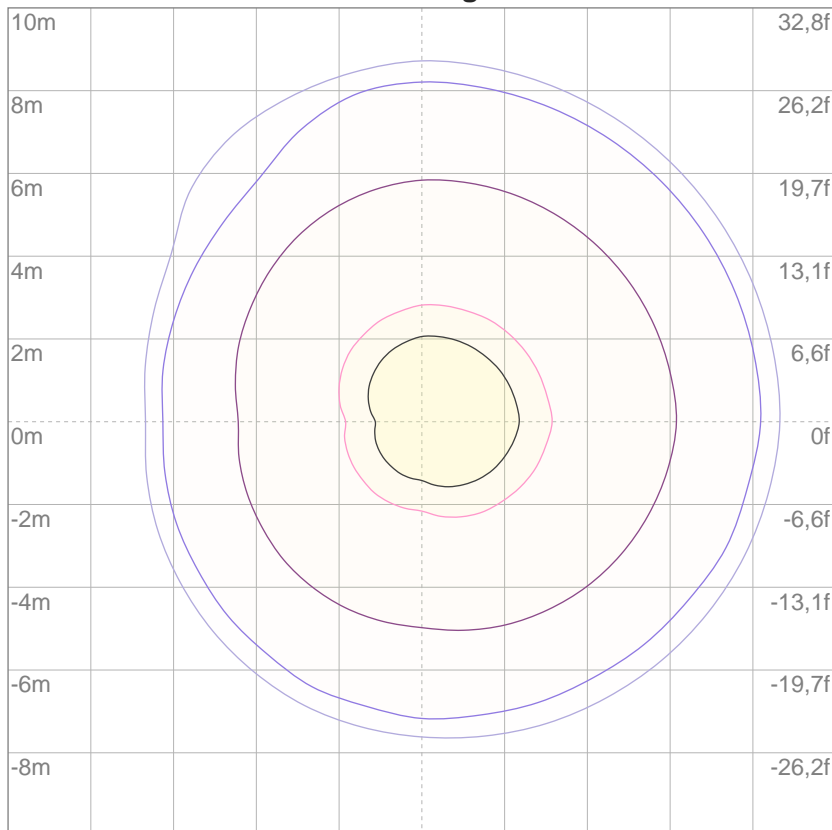


CRI R values, only R1-R8 are used to calculate final CRI value

R	R1	R2	R3	R4	R5	R6	R7	R8	9	R10	R11	R12	R13	R14	R15
Value	81,4	90,2	95,9	80,3	80,7	86,2	85,1	64,3	17,1	76,2	77,6	66,4	83,3	97,7	76,0

ISO Diagrams

ISO lux diagram



Mounting height: 10 meters (33 f)

3%	0,910 lx
5%	1,52 lx
10%	3,03 lx
30%	9,10 lx
50%	15,2 lx

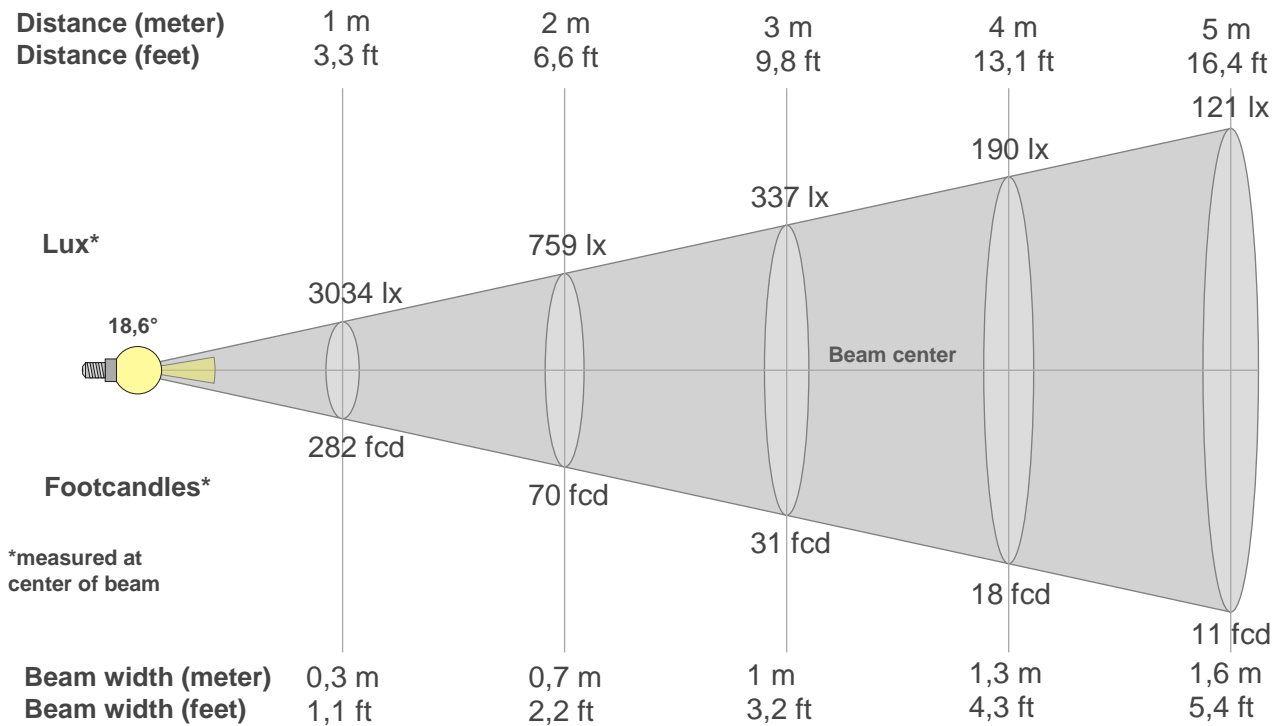
Conditions:

Number of c-planes: 4

Lux at center: 30,3 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
3034lx	759lx	337lx	190lx	121lx	84lx	62lx	47lx	37lx	30lx	25lx	21lx	18lx	15lx	13lx	12lx	10lx	9lx	8lx	8lx
281,9fcd	70,5fcd	31,3fcd	17,6fcd	11,3fcd	7,8fcd	5,8fcd	4,4fcd	3,5fcd	2,8fcd	2,3fcd	2fcd	1,7fcd	1,4fcd	1,3fcd	1,1fcd	1fcd	0,9fcd	0,8fcd	0,7fcd

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°
3034	2519	2053	1611	1248	974	774	633	537	467	409	356	302	259	232	208	152	81	21	4
100%	83%	68%	53%	41%	32%	26%	21%	18%	15%	13%	12%	10%	9%	8%	7%	5%	3%	1%	0%

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°
3034	2821	2406	1962	1540	1198	941	754	621	531	465	410	362	315	271	235	216	191	135	69
100%	93%	79%	65%	51%	39%	31%	25%	20%	18%	15%	13%	12%	10%	9%	8%	7%	6%	4%	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°
3034	3216	3271	3072	2697	2240	1787	1392	1085	861	700	589	513	452	398	346	293	249	224	189
100%	106%	108%	101%	89%	74%	59%	46%	36%	28%	23%	19%	17%	15%	13%	11%	10%	8%	7%	6%

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°
3034	3242	3093	2755	2313	1859	1450	1127	888	716	596	516	456	403	356	310	267	233	216	186
100%	107%	102%	91%	76%	61%	48%	37%	29%	24%	20%	17%	15%	13%	12%	10%	9%	8%	7%	6%

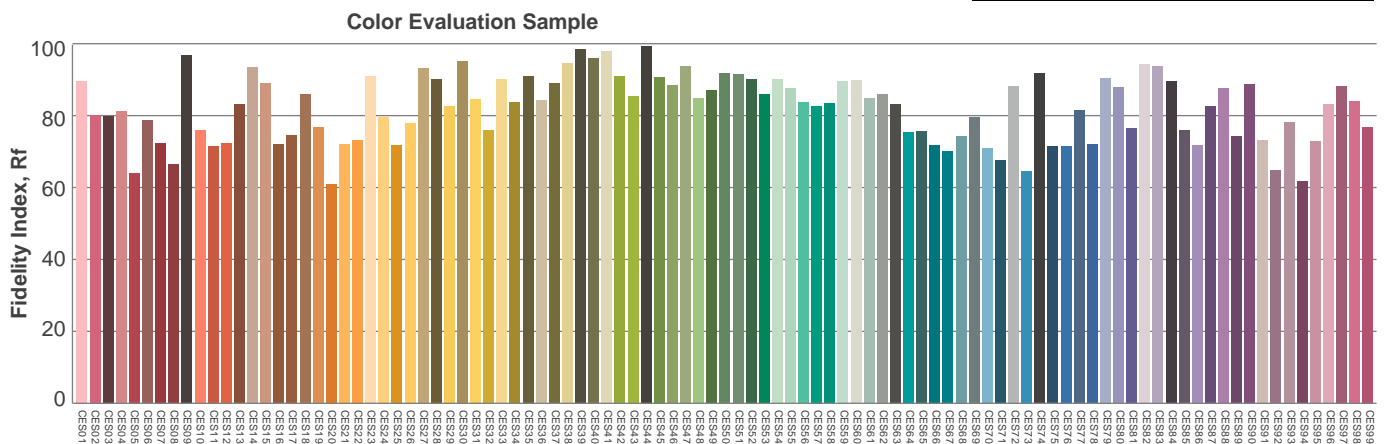
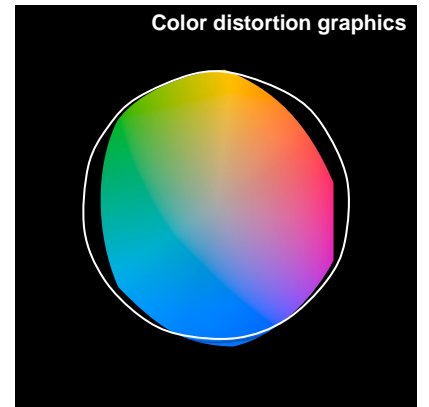
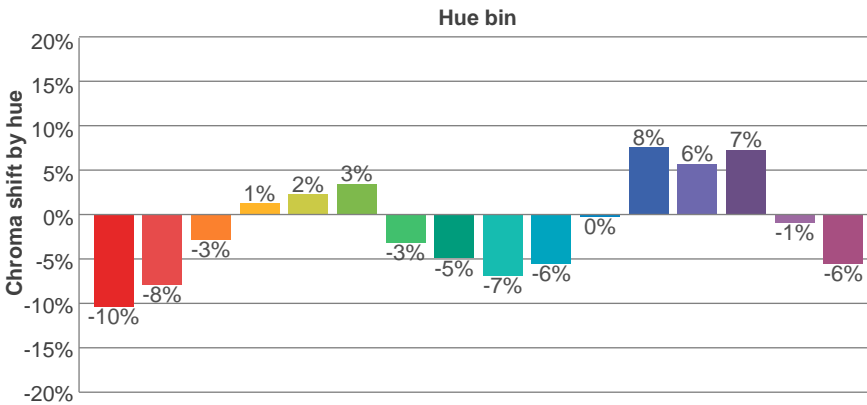
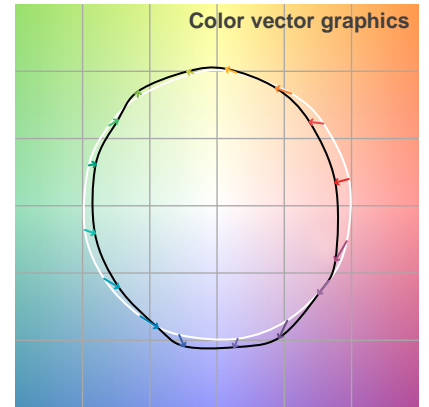
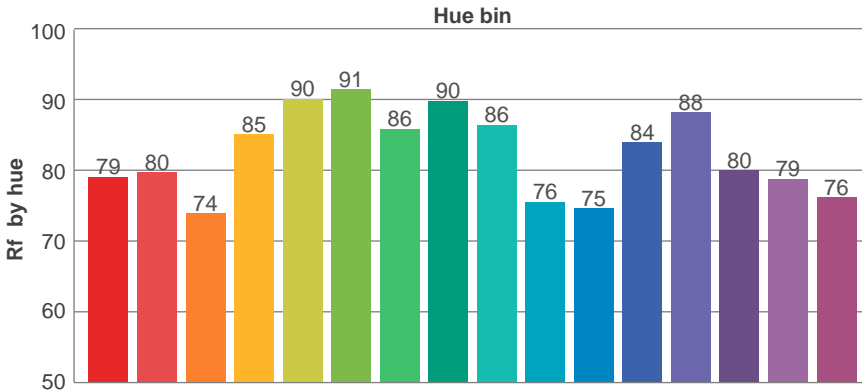
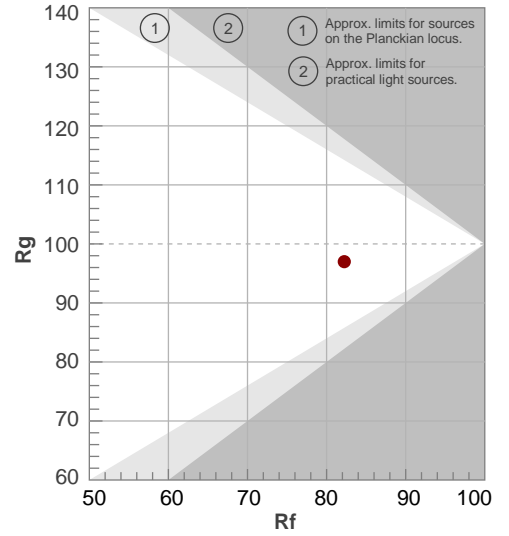
Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
18,6°	54,3°	77°	99,3%	98,8%

TM30 details

Rf 82,2
Fidelity index Rf

Rg 97,0
Gammut index Rg

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	79	-10%	-1%
2	80	-8%	7%
3	74	-3%	12%
4	85	1%	8%
5	90	2%	4%
6	91	3%	-3%
7	86	-3%	-7%
8	90	-5%	-2%
9	86	-7%	4%
10	76	-6%	11%
11	75	0%	15%
12	84	8%	5%
13	88	6%	-4%
14	80	7%	-12%
15	79	-1%	-12%
16	76	-6%	-16%



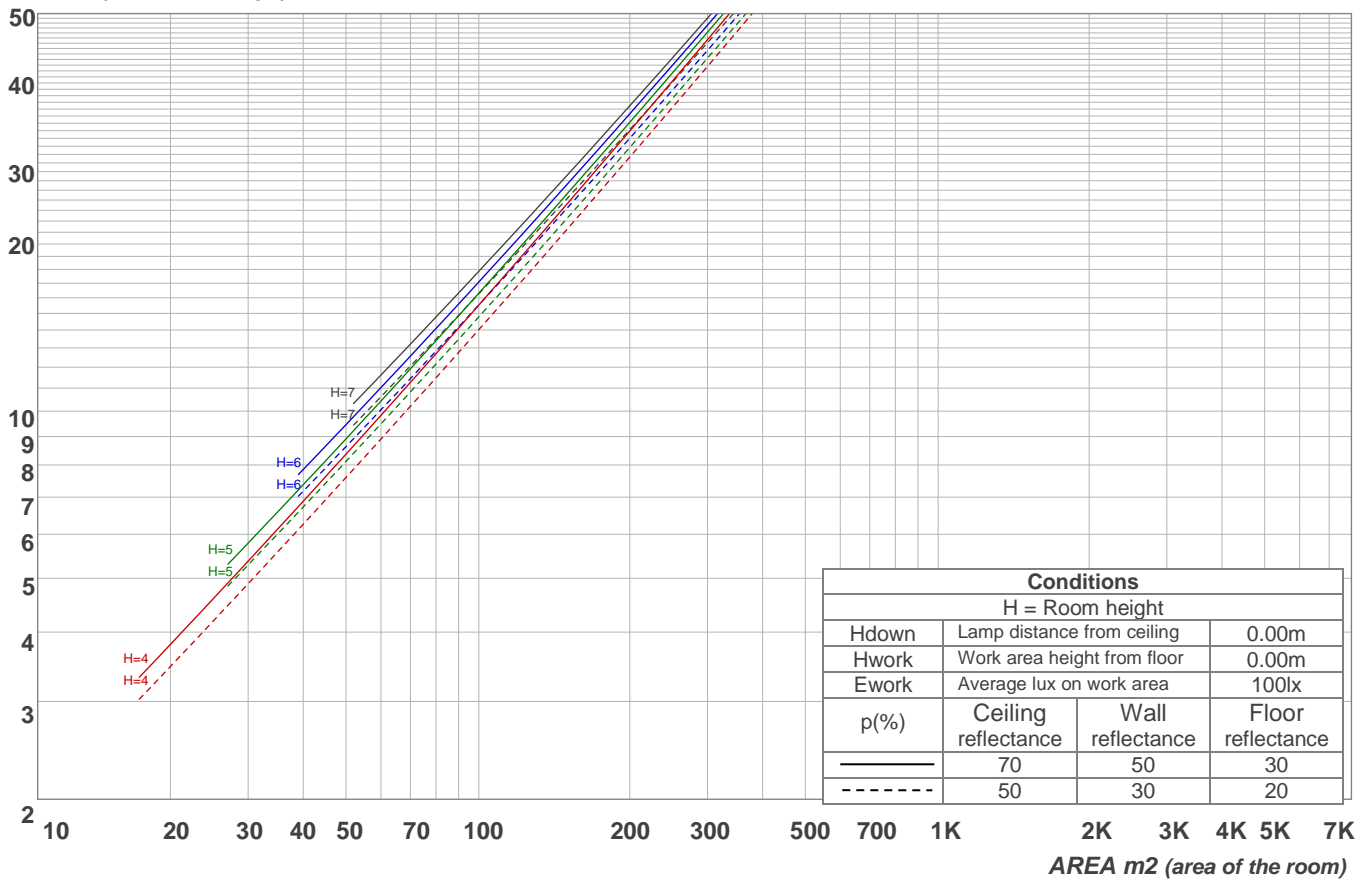
Light planning

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	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	100		
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	95		
2	110	106	102	99	108	104	101	98	101	98	96	98	96	94	95	94	92	91	91		
3	106	100	96	93	104	99	95	92	96	93	90	94	91	89	92	90	88	86	86		
4	101	95	91	87	100	94	90	87	92	88	86	90	87	85	88	86	84	82	82		
5	98	91	86	82	96	90	85	82	88	84	81	87	83	81	85	82	80	79	79		
6	94	87	82	78	93	86	81	78	85	81	78	83	80	77	82	79	77	75	75		
7	91	83	78	75	89	82	78	75	81	77	74	80	76	74	79	76	73	72	72		
8	87	80	75	71	86	79	75	71	78	74	71	77	74	71	76	73	71	69	69		
9	84	77	72	69	84	76	72	68	75	71	68	75	71	68	74	70	68	67	67		
10	82	74	69	66	81	73	69	66	73	69	66	72	68	66	71	68	65	64	64		

LAMPS (number of lamps)

Luminaire budgetary diagram

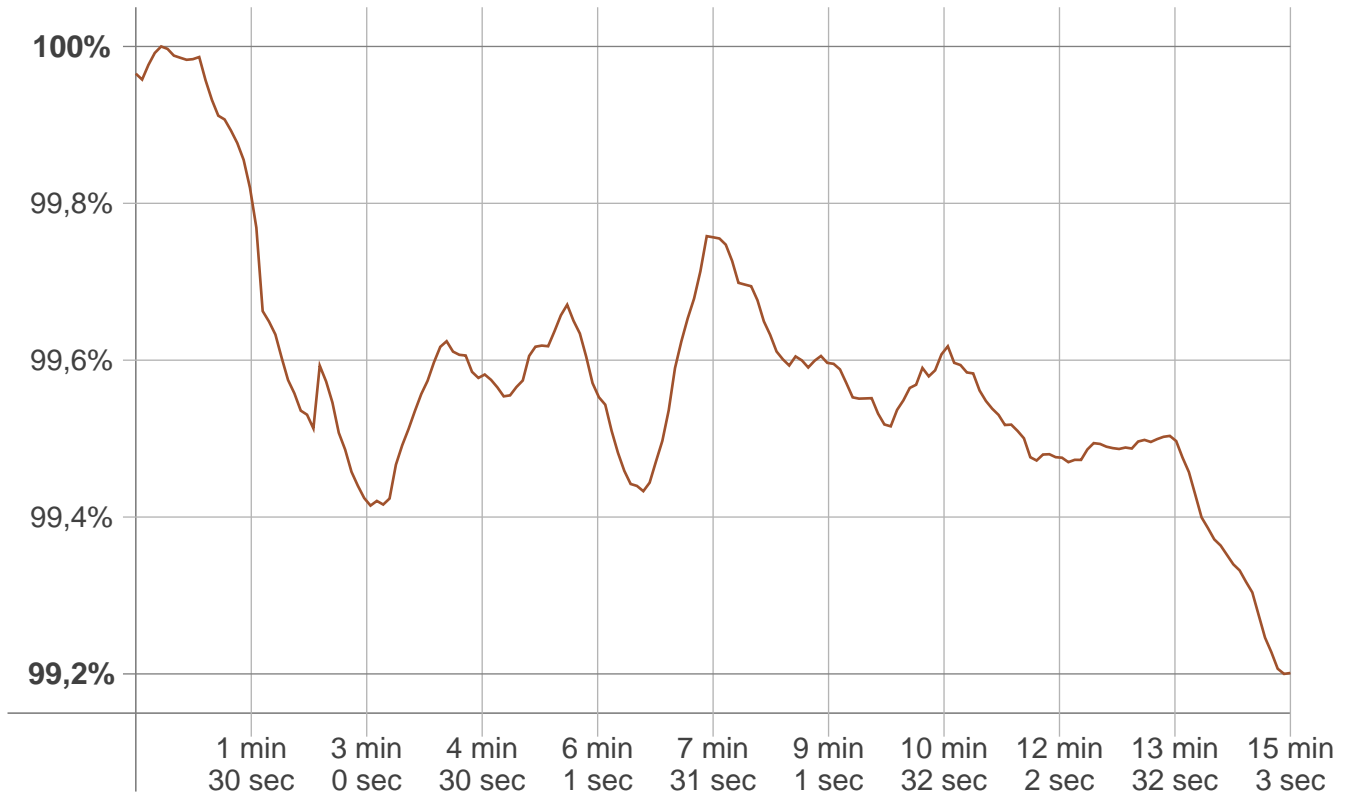


Zonal Lumen Summary

0°-10°	10°-20°	20°-30°	30°-40°	40°-50°	50°-60°	60°-70°	70°-80°	80°-90°
209 lm	249 lm	177 lm	105 lm	10,5 lm	2,38 lm	2,53 lm	1,68 lm	0,758 lm
90°-100°	100°-110°	110°-120°	120°-130°	130°-140°	140°-150°	150°-160°	160°-170°	170°-180°
0,087 lm	0,082 lm	0,083 lm	0,083 lm	0,080 lm	0,093 lm	0,091 lm	0,062 lm	0,014 lm

Stabilization

Warmup curve



Warmup result

Warmup time:	15 min 3 sec
Warmup variation	-0,8%

Warmup conditions

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

Color temperature change

CCT start	CCT change	CCT end
3168 K	0 K	3168 K

Output change

Output start	Output change	Output end
761 lm	-2 lm	759 lm