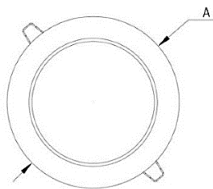




Dimensiones (mm)

A: Ø224



Corte: Ø206

Código

KT6617-24W-4K

Descripción

Luminaria tipo bala, diseñada con módulo de LED integrado. Empotrada al techo por medio de sujetadores ubicados en los laterales. Compuesta por un difusor en acrílico opal.



Materiales y acabado

Sujetadores en hierro, recubiertos en plástico inyectado. Resortes en hierro con acabado galvanizado. Cuerpo y aro plástico inyectado.

Color

Blanco.

Características técnicas

LED	 115°	 50,000h	IP 20	IK 02
PF 0,98	THD <20%	°C 0-40	V 100-240	Hz 50/60

Fuente de luz

Bala con módulo de LED.

Potencia de Salida	CRI	K	Lm / W	Lm de Salida
24,7W	>80	4000	101	2481

Características de fuente de luz

- Color temperatura disponible 4000K (neutro).

Light efficiency:



Light quality:



Color temperature:



Output: 2481 lm

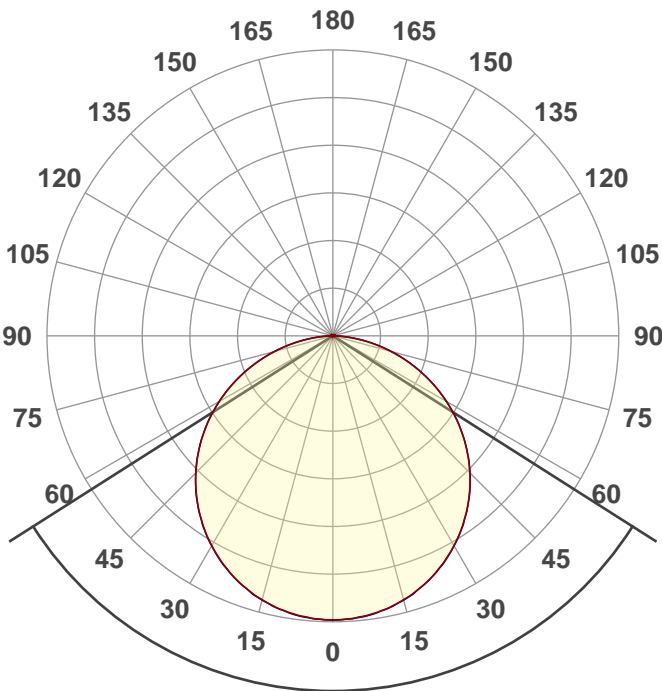
Peak: 839 cd

Power: 24,7 W

PF: 0,98



Product name:
E0382-KT6617-24W-AM-4K



Beam angle **115,1°**



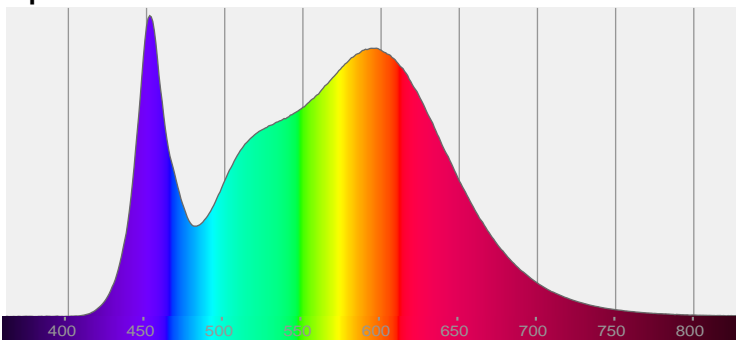
CIE 1931
x: 0,376
y: 0,373

THD Values:

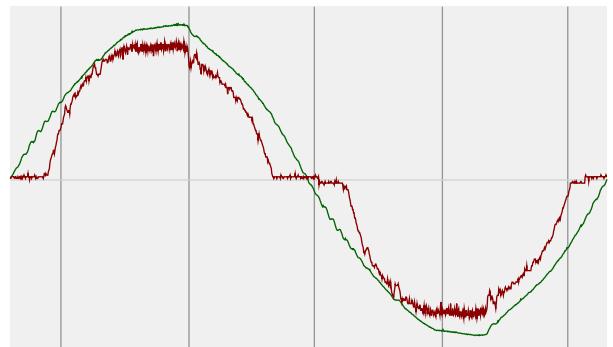
Voltage: 2,19%

Current: 18,7%

Spectra

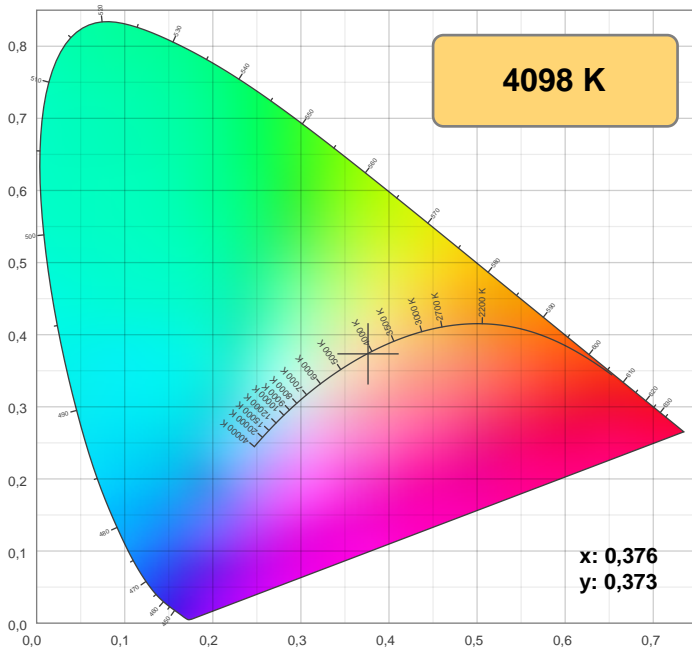


Power



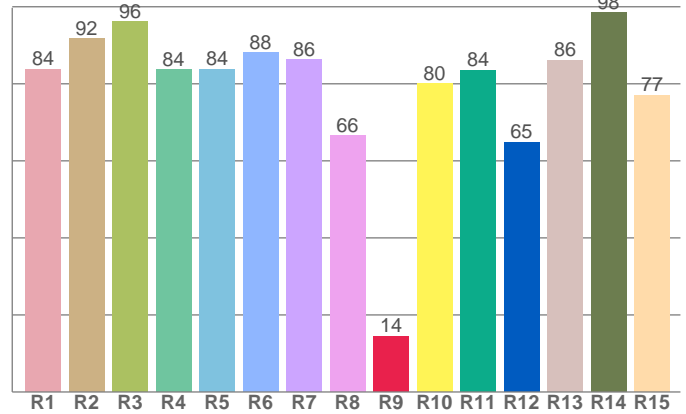
Voltage: 114 V
Current: 0,221 A
Frequency: 60 Hz

Color details



CIE 1931

CRI: 85,0 (R1-R8)

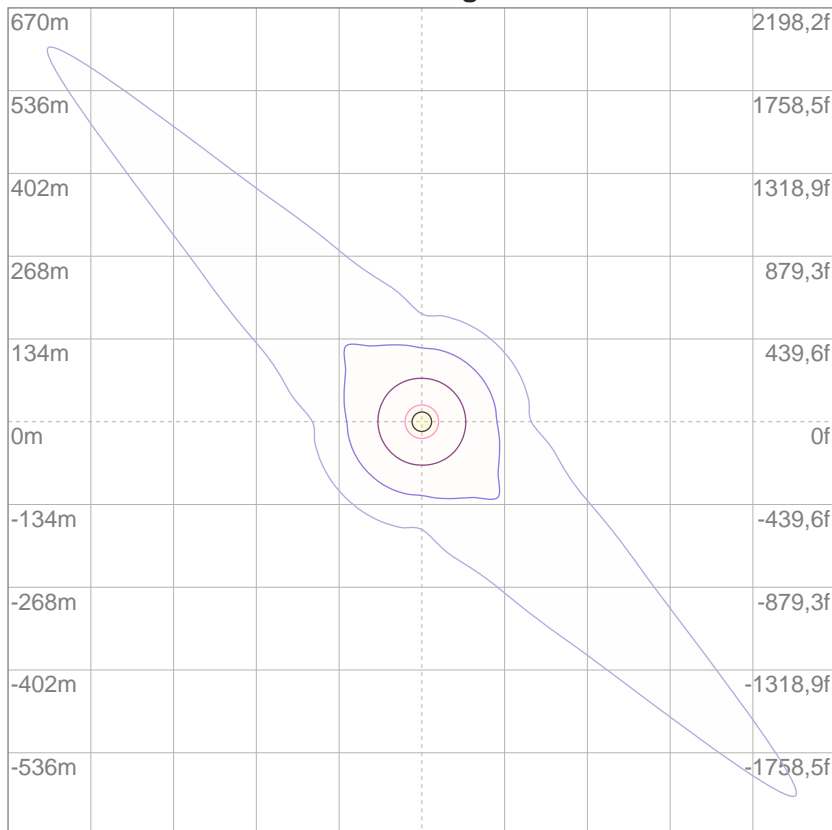


CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	9	R10	R11	R12	R13	R14	R15
83,8	91,7	96,1	83,7	83,8	88,0	86,2	66,5	14,5	80,0	83,5	64,8	86,1	98,4	77,0

ISO Diagrams

ISO lux diagram



Mounting height: 10 meters (33 f)

- 3% 0,251 lx
- 5% 0,419 lx
- 10% 0,838 lx
- 30% 2,51 lx
- 50% 4,19 lx

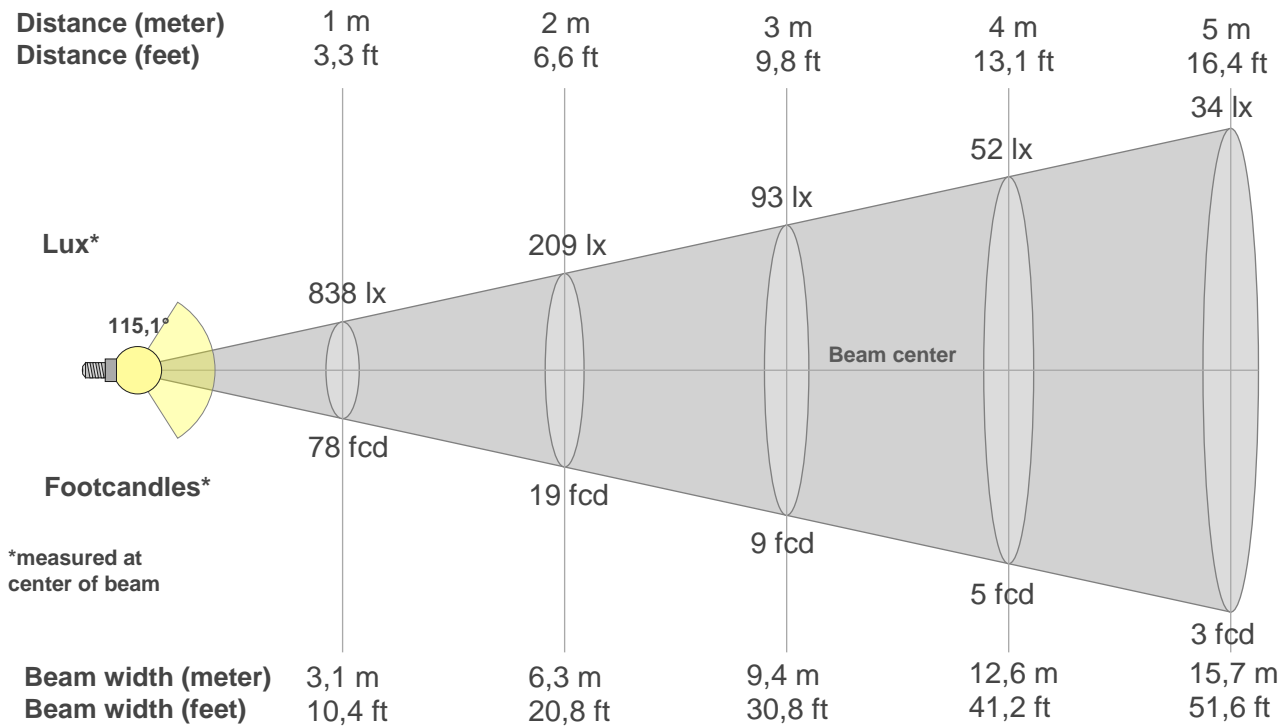
Conditions:

Number of c-planes: 8

Lux at center: 8,38 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
838lx	209lx	93lx	52lx	34lx	23lx	17lx	13lx	10lx	8lx	7lx	6lx	5lx	4lx	4lx	3lx	3lx	3lx	2lx	2lx
77,8fcd	19,5fcd	8,6fcd	4,9fcd	3,1fcd	2,2fcd	1,6fcd	1,2fcd	1fcd	0,8fcd	0,6fcd	0,5fcd	0,5fcd	0,4fcd	0,3fcd	0,3fcd	0,3fcd	0,2fcd	0,2fcd	0,2fcd

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°
838	834	824	806	782	751	715	672	624	572	514	453	387	319	249	179	110	46	5	0
100%	100%	98%	96%	93%	90%	85%	80%	75%	68%	61%	54%	46%	38%	30%	21%	13%	5%	1%	0%

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°
838	835	824	807	783	752	715	673	625	572	514	453	387	318	248	178	109	45	6	0
100%	100%	98%	96%	93%	90%	85%	80%	75%	68%	61%	54%	46%	38%	30%	21%	13%	5%	1%	0%

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°
838	834	824	806	782	751	715	672	624	572	514	453	387	319	249	179	110	46	5	0
100%	100%	98%	96%	93%	90%	85%	80%	75%	68%	61%	54%	46%	38%	30%	21%	13%	5%	1%	0%

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°
838	835	824	807	783	752	715	673	625	572	514	453	387	318	248	178	109	45	6	0
100%	100%	98%	96%	93%	90%	85%	80%	75%	68%	61%	54%	46%	38%	30%	21%	13%	5%	1%	0%

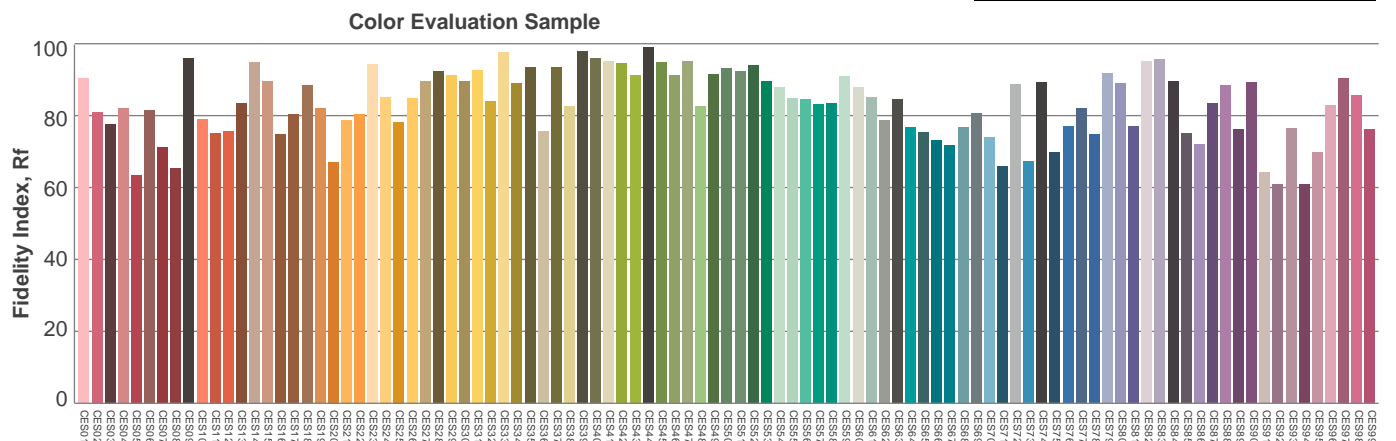
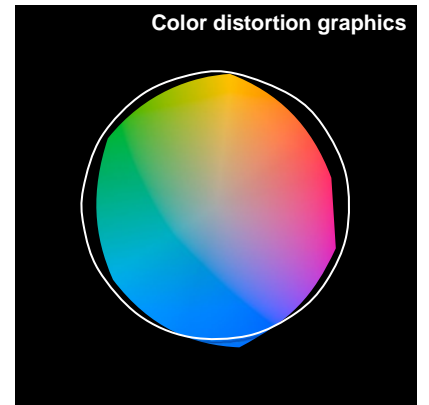
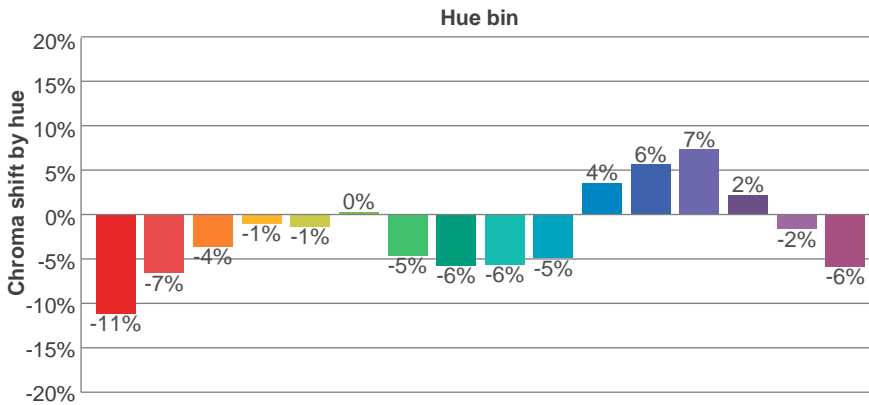
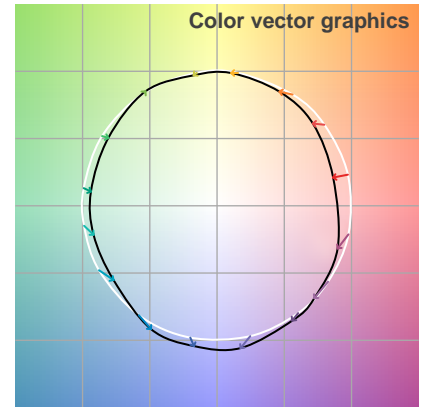
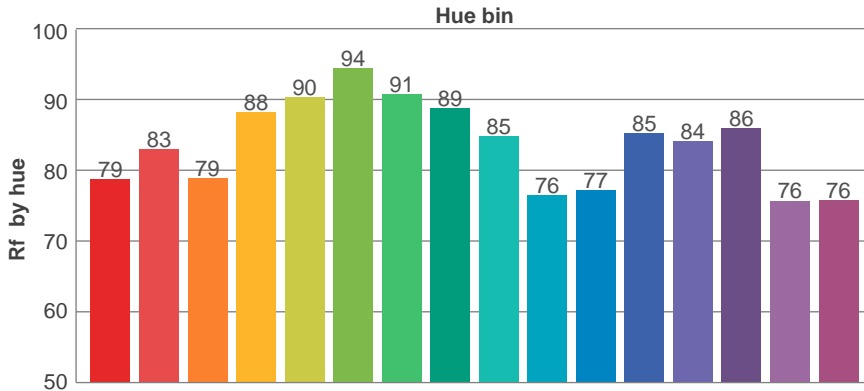
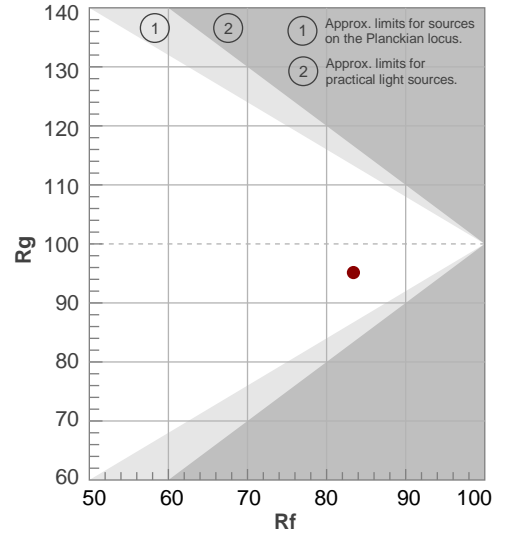
Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
115,1°	163,9°	176°	77,3%	52,2%

TM30 details

Rf 83,4
Fidelity index Rf

Rg 95,1
Gammut index Rg

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	79	-11%	0%
2	83	-7%	5%
3	79	-4%	9%
4	88	-1%	5%
5	90	-1%	3%
6	94	0%	-1%
7	91	-5%	-1%
8	89	-6%	1%
9	85	-6%	8%
10	76	-5%	12%
11	77	4%	13%
12	85	6%	4%
13	84	7%	-9%
14	86	2%	-7%
15	76	-2%	-16%
16	76	-6%	-12%



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	24,2	25,6	24,5	25,8	26,0	24,2	25,6	24,5	25,8	26,0
	3H	25,9	27,1	26,2	27,4	27,6	25,9	27,1	26,2	27,4	27,6
	4H	26,6	27,7	26,9	28,0	28,3	26,5	27,7	26,9	28,0	28,3
	6H	27,1	28,2	27,4	28,5	28,8	27,1	28,1	27,4	28,4	28,8
	8H	27,3	28,3	27,6	28,6	28,9	27,2	28,3	27,6	28,6	28,9
	12H	27,4	28,3	27,7	28,7	29,0	27,3	28,3	27,7	28,6	29,0
4H	2H	24,9	26,1	25,3	26,4	26,7	24,9	26,1	25,3	26,4	26,7
	3H	26,8	27,8	27,2	28,1	28,4	26,8	27,8	27,2	28,1	28,4
	4H	27,6	28,5	28,0	28,8	29,2	27,6	28,5	28,0	28,8	29,2
	6H	28,3	29,0	28,7	29,4	29,8	28,2	29,0	28,7	29,4	29,8
	8H	28,5	29,2	28,9	29,6	30,0	28,5	29,2	28,9	29,6	30,0
	12H	28,6	29,3	29,1	29,7	30,1	28,6	29,2	29,1	29,7	30,1
8H	4H	27,9	28,6	28,4	29,0	29,5	27,9	28,6	28,4	29,0	29,4
	6H	28,7	29,3	29,2	29,7	30,2	28,7	29,3	29,2	29,7	30,2
	8H	29,0	29,5	29,5	30,0	30,5	29,0	29,5	29,5	30,0	30,5
	12H	29,3	29,7	29,8	30,2	30,7	29,2	29,7	29,7	30,1	30,6
12H	4H	28,0	28,6	28,4	29,0	29,5	28,0	28,6	28,4	29,0	29,4
	6H	28,8	29,3	29,3	29,8	30,2	28,8	29,3	29,3	29,7	30,2
	8H	29,2	29,6	29,6	30,1	30,6	29,1	29,6	29,6	30,0	30,5
Variation of the observer position for the luminaire distance S											
S = 1,0H		+0,1 / -0,1					+0,1 / -0,1				
S = 1,5H		+0,2 / -0,3					+0,2 / -0,3				
S = 2,0H		+0,3 / -0,6					+0,3 / -0,6				
Standard table		BK06					BK06				
Correction summand		11,8					11,7				
Corrected glare indices referring to 2481 lm total luminous flux											

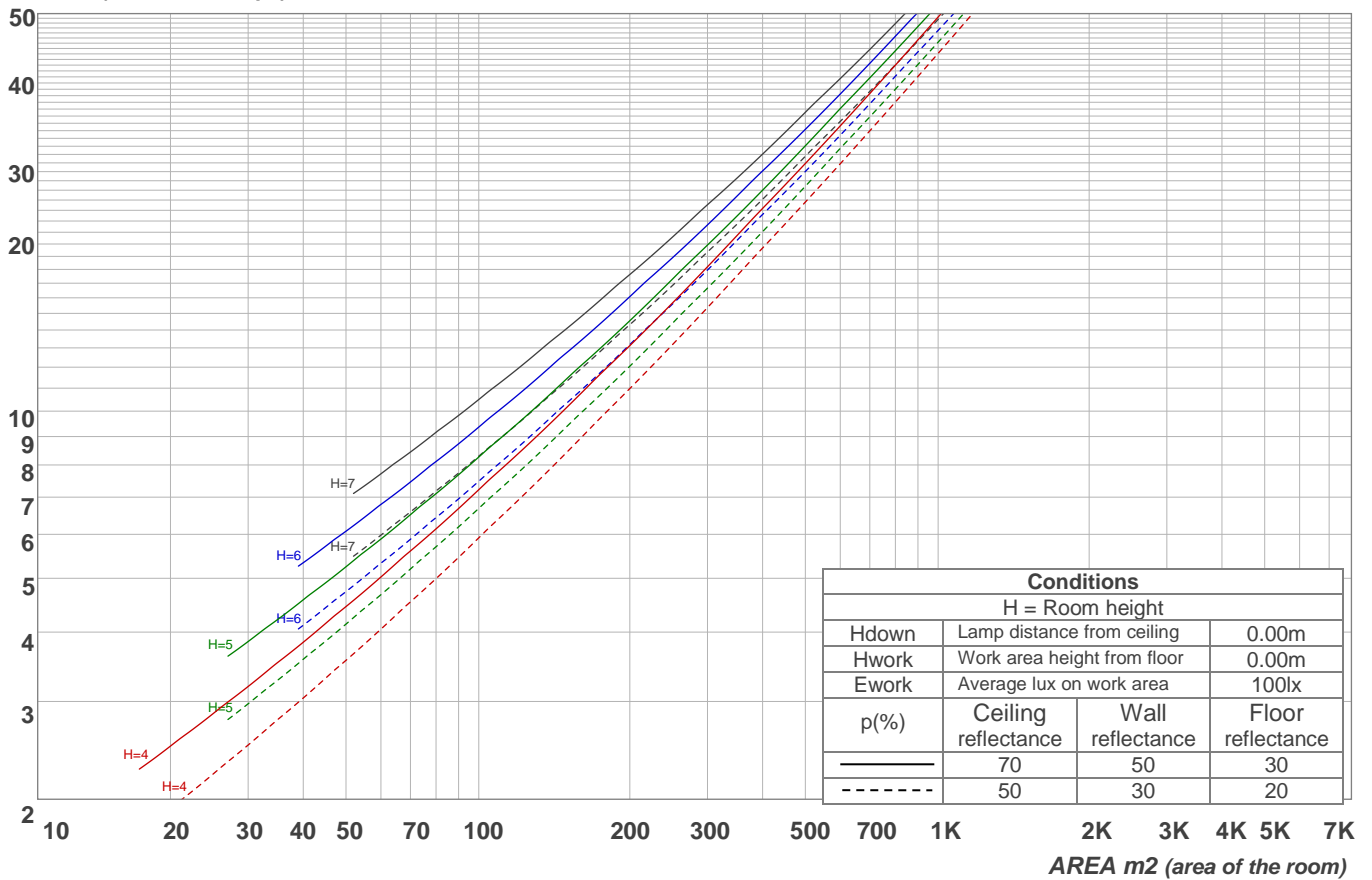
Light planning

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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	108	103	99	95	106	101	97	93	97	93	90	93	90	88	89	87	85	83
2	98	90	83	77	96	88	81	76	84	79	74	81	76	72	78	74	71	69
3	89	79	70	64	87	77	69	63	74	67	62	71	65	61	69	64	60	57
4	82	70	61	54	79	68	60	53	66	58	53	63	57	52	61	56	51	49
5	75	62	53	46	73	61	52	46	59	51	45	57	50	45	55	49	44	42
6	69	56	47	40	67	55	46	40	53	45	40	51	44	39	50	44	39	37
7	64	50	42	35	62	50	41	35	48	40	35	47	40	35	45	39	34	32
8	60	46	37	31	58	45	37	31	44	36	31	43	36	31	41	35	31	29
9	56	42	34	28	54	42	34	28	40	33	28	39	33	28	38	32	28	26
10	52	39	31	26	51	38	31	26	37	30	25	36	30	25	36	29	25	23

LAMPS (number of lamps)

Luminaire budgetary diagram

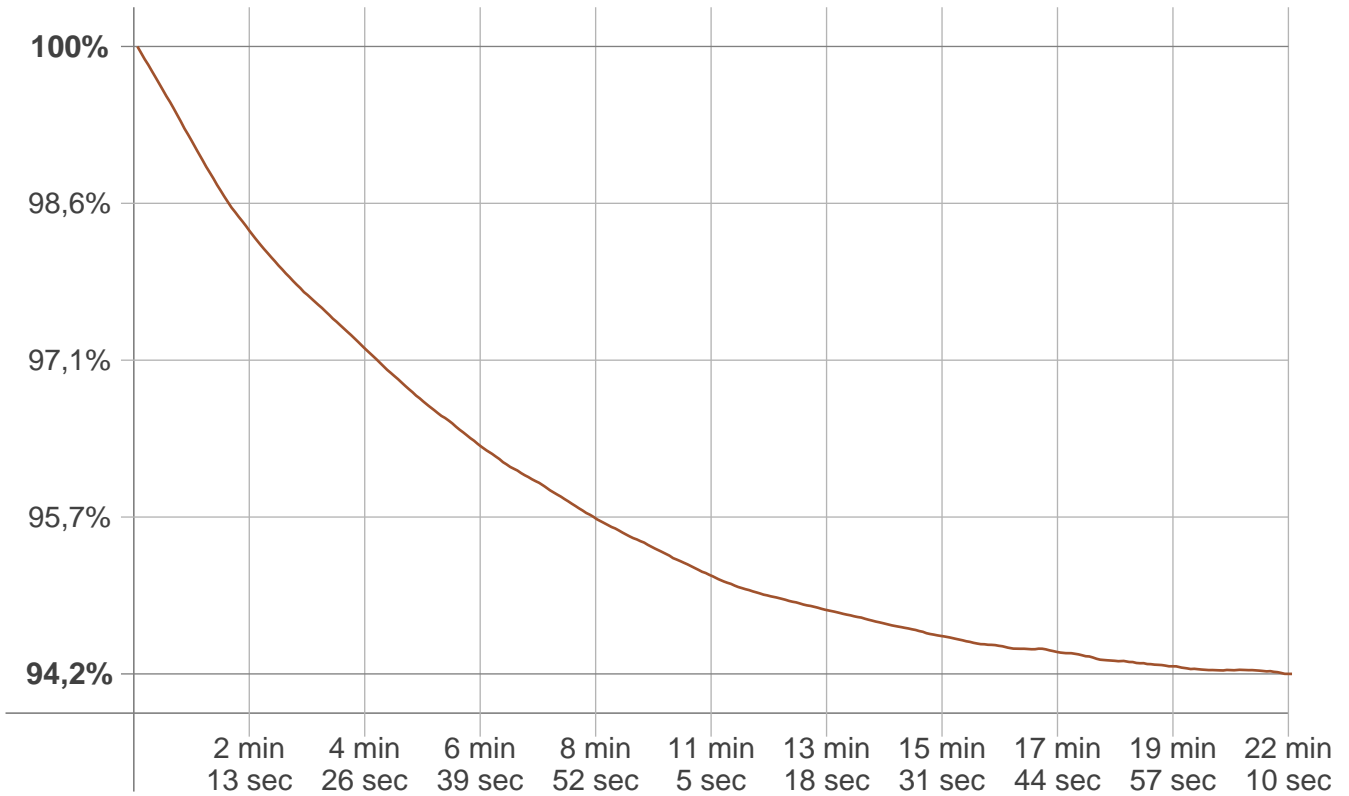


Zonal Lumen Summary

0°-10°	10°-20°	20°-30°	30°-40°	40°-50°	50°-60°	60°-70°	70°-80°	80°-90°
79,3 lm	227 lm	346 lm	420 lm	440 lm	404 lm	315 lm	188 lm	56,0 lm
90°-100°	100°-110°	110°-120°	120°-130°	130°-140°	140°-150°	150°-160°	160°-170°	170°-180°
1,66 lm	0,416 lm	0,499 lm	0,541 lm	0,533 lm	0,474 lm	0,375 lm	0,244 lm	0,086 lm

Stabilization

Warmup curve



Warmup result

Warmup time:	22 min 15 sec
Warmup variation	-5,8%

Warmup conditions

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

Color temperature change

CCT start	CCT change	CCT end
4052 K	+46 K	4098 K

Output change

Output start	Output change	Output end
2630 lm	-149 lm	2481 lm