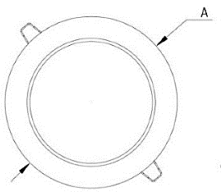
Dimensiones (mm)

A: Ø224



Corte: *Ø206*

Código

KT6617-24W-5K

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 0,97	**THD <30%**	**°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
23,8W	>80	5000	103	2452

Características de fuente de luz

- Color temperatura disponible 5000K (luz día).

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

Light efficiency:

103 Lumen/Watt

Light quality:

CRI: 84,7

Color temperature:

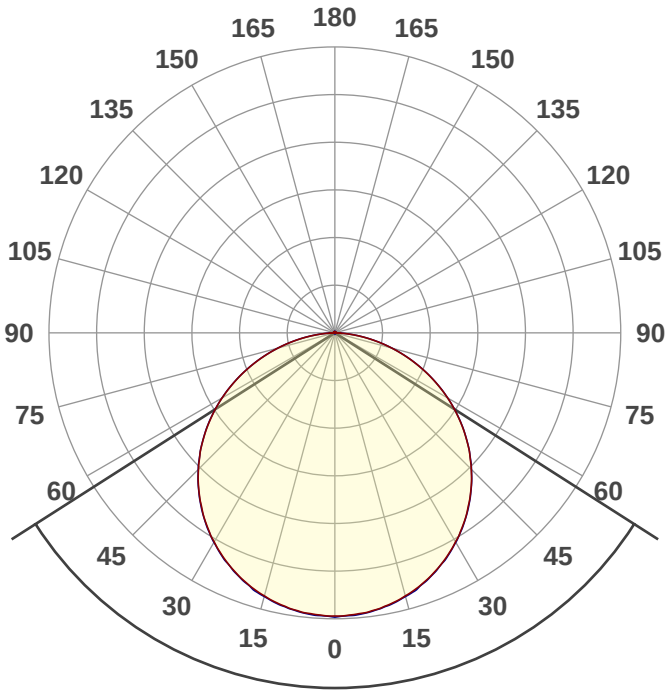
5099 K

Output: 2452 lm

Peak: 836 cd

Power: 23,8 W

PF: 0,97



Product name:

E0381-KT6617-24W-AM-5K

Beam angle

114,9°

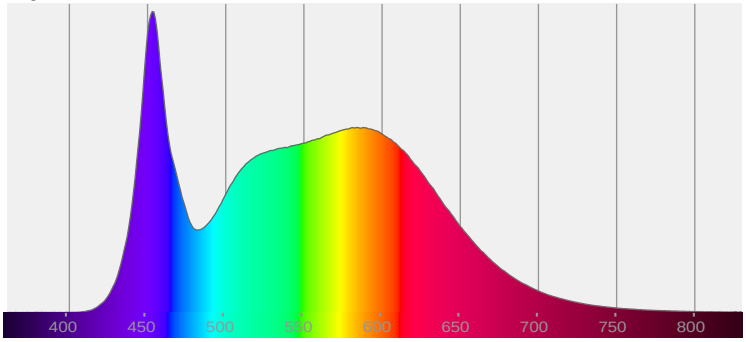
CIE 1931
x: 0,343
y: 0,356

THD Values:

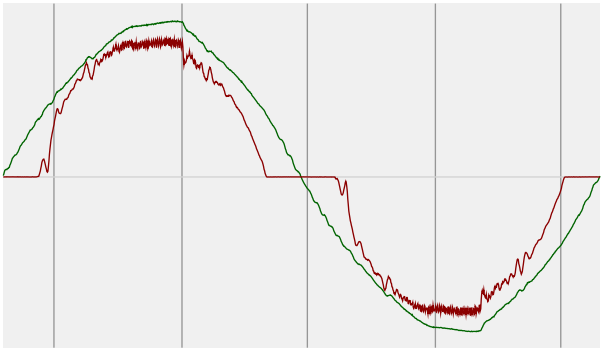
Voltage: 2,55%

Current: 20,79%

Spectra

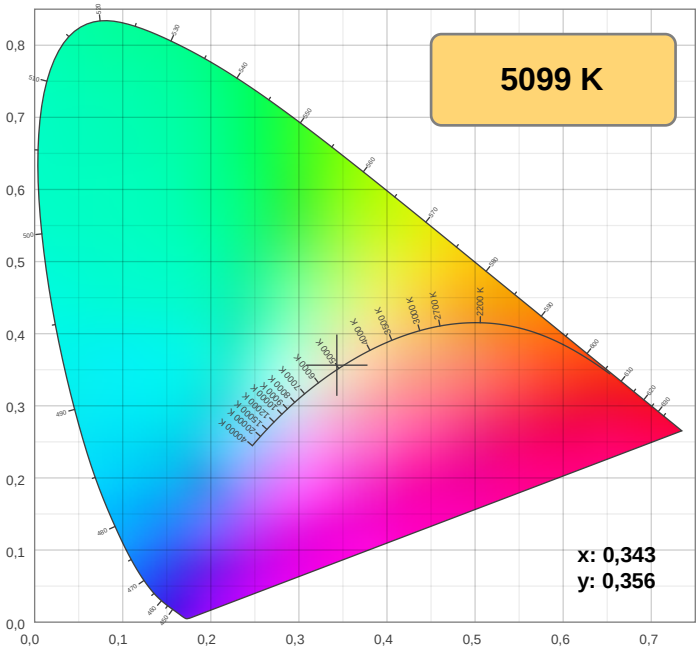


Power



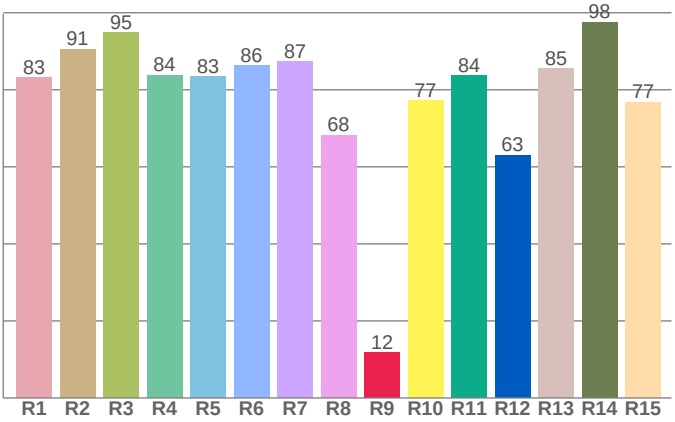
Voltage: 113 V
Current: 0,216 A
Frequency: 60 Hz

Color details



CIE 1931

CRI: 84,7 (R1-R8)

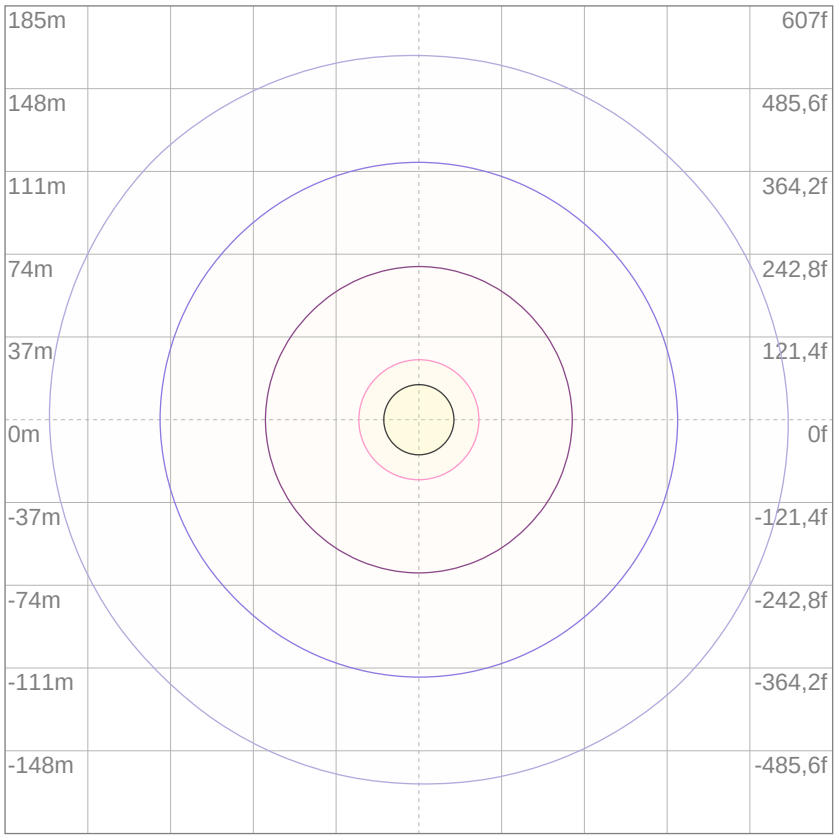


CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	9	R10	R11	R12	R13	R14	R15
83,1	90,5	94,8	83,8	83,4	86,2	87,3	68,2	11,8	77,1	83,6	63,0	85,4	97,5	76,7

ISO Diagrams

ISO lux diagram



Mounting height: 10 meters (33 f)

3%	0,250 lx
5%	0,417 lx
10%	0,833 lx
30%	2,50 lx
50%	4,17 lx

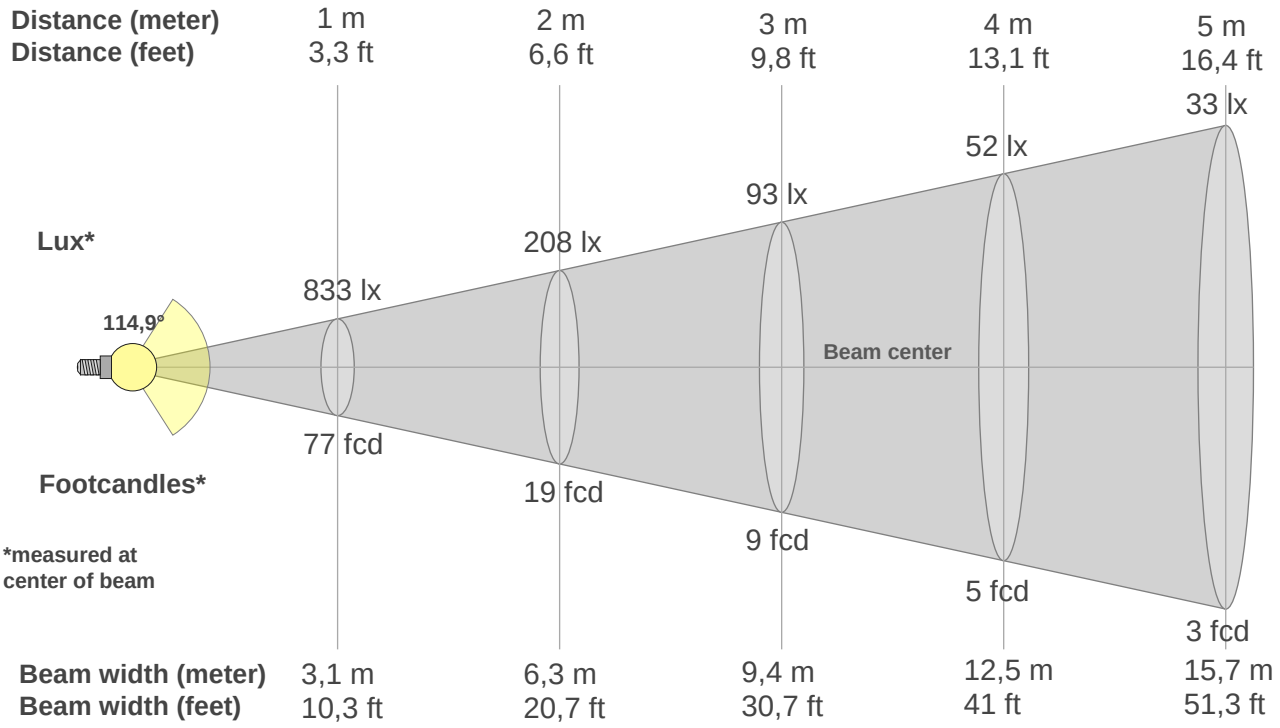
Conditions:

Number of c-planes: 8

Lux at center: 8,33 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
833lx	208lx	93lx	52lx	33lx	23lx	17lx	13lx	10lx	8lx	7lx	6lx	5lx	4lx	4lx	3lx	3lx	3lx	2lx	2lx
77,4fcd	19,4fcd	8,6fcd	4,8fcd	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°
833	829	818	801	777	747	710	668	620	567	510	448	383	314	244	174	106	43	2	0
100%	99%	98%	96%	93%	90%	85%	80%	74%	68%	61%	54%	46%	38%	29%	21%	13%	5%	0%	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°
833	831	820	803	779	747	711	669	621	568	511	449	383	314	244	174	105	42	1	0
100%	100%	98%	96%	93%	90%	85%	80%	75%	68%	61%	54%	46%	38%	29%	21%	13%	5%	0%	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°
833	829	818	801	777	747	710	668	620	567	510	448	383	314	244	174	106	43	2	0
100%	99%	98%	96%	93%	90%	85%	80%	74%	68%	61%	54%	46%	38%	29%	21%	13%	5%	0%	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°
833	831	820	803	779	747	711	669	621	568	511	449	383	314	244	174	105	42	1	0
100%	100%	98%	96%	93%	90%	85%	80%	75%	68%	61%	54%	46%	38%	29%	21%	13%	5%	0%	0%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
114,9°	163,4°	173,8°	77,7%	52,5%

TM30 details

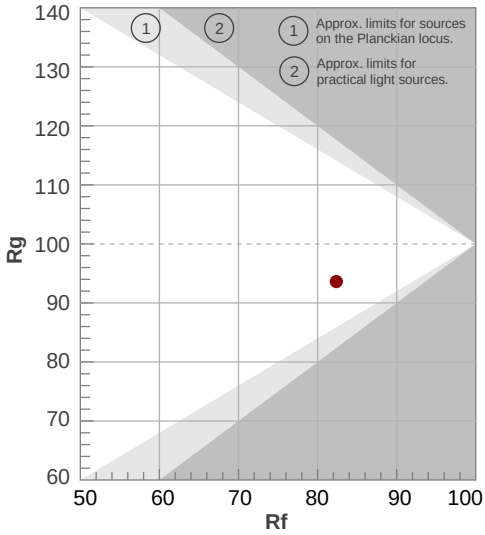
Rf 82,4

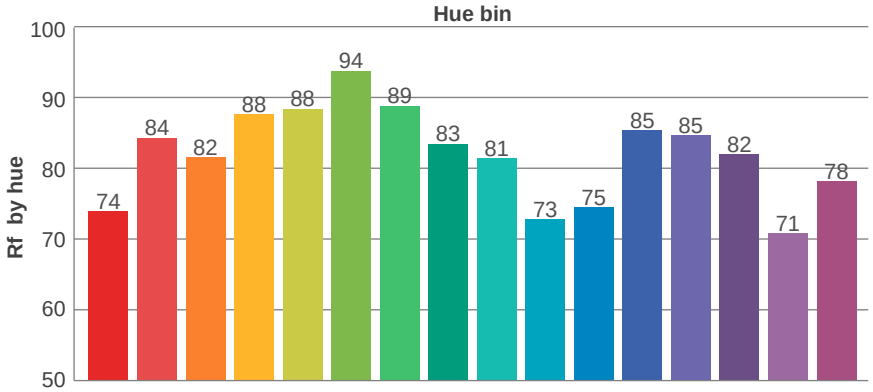
Fidelity index Rf

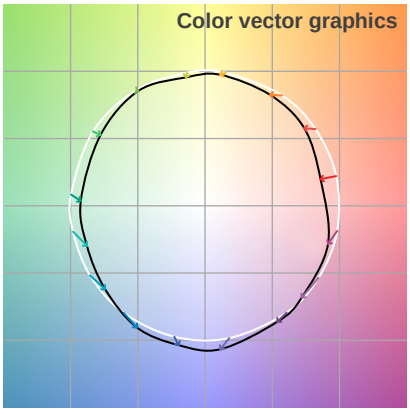
Rg 93,6

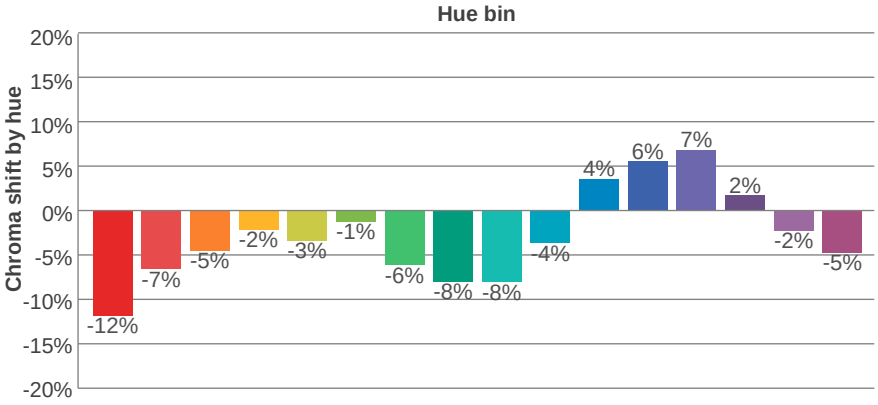
Gammut index Rg

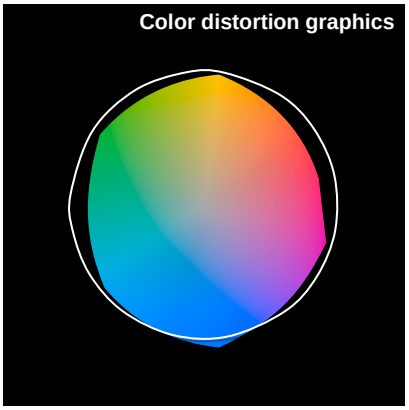
		Graphic shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	74	-12%	0%
2	84	-7%	5%
3	82	-5%	8%
4	88	-2%	4%
5	88	-3%	2%
6	94	-1%	-1%
7	89	-6%	-1%
8	83	-8%	3%
9	81	-8%	12%
10	73	-4%	15%
11	75	4%	14%
12	85	6%	4%
13	85	7%	-8%
14	82	2%	-10%
15	71	-2%	-19%
16	78	-5%	-11%

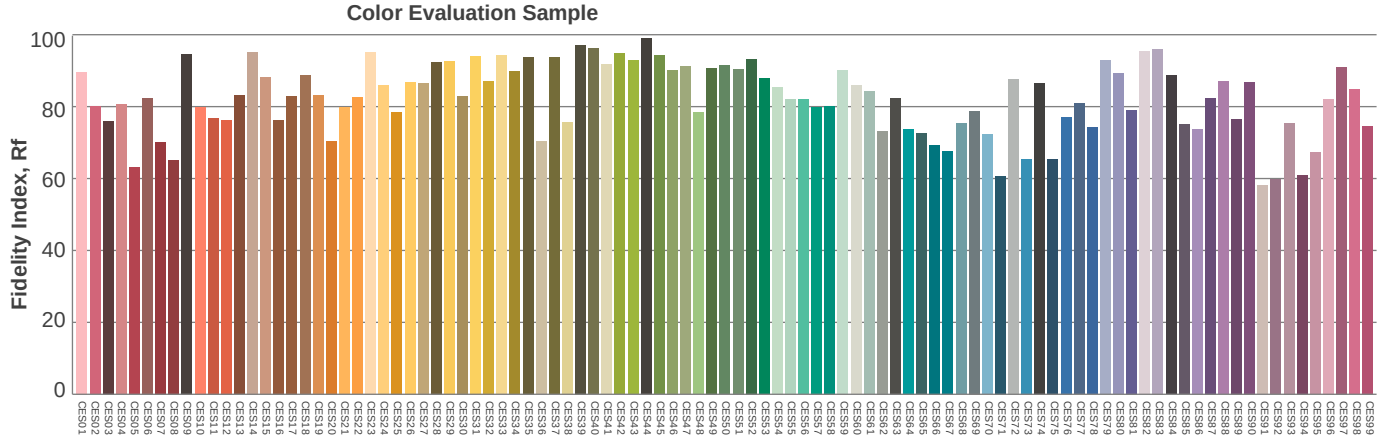












UGR

Glare Evaluation According to UGR

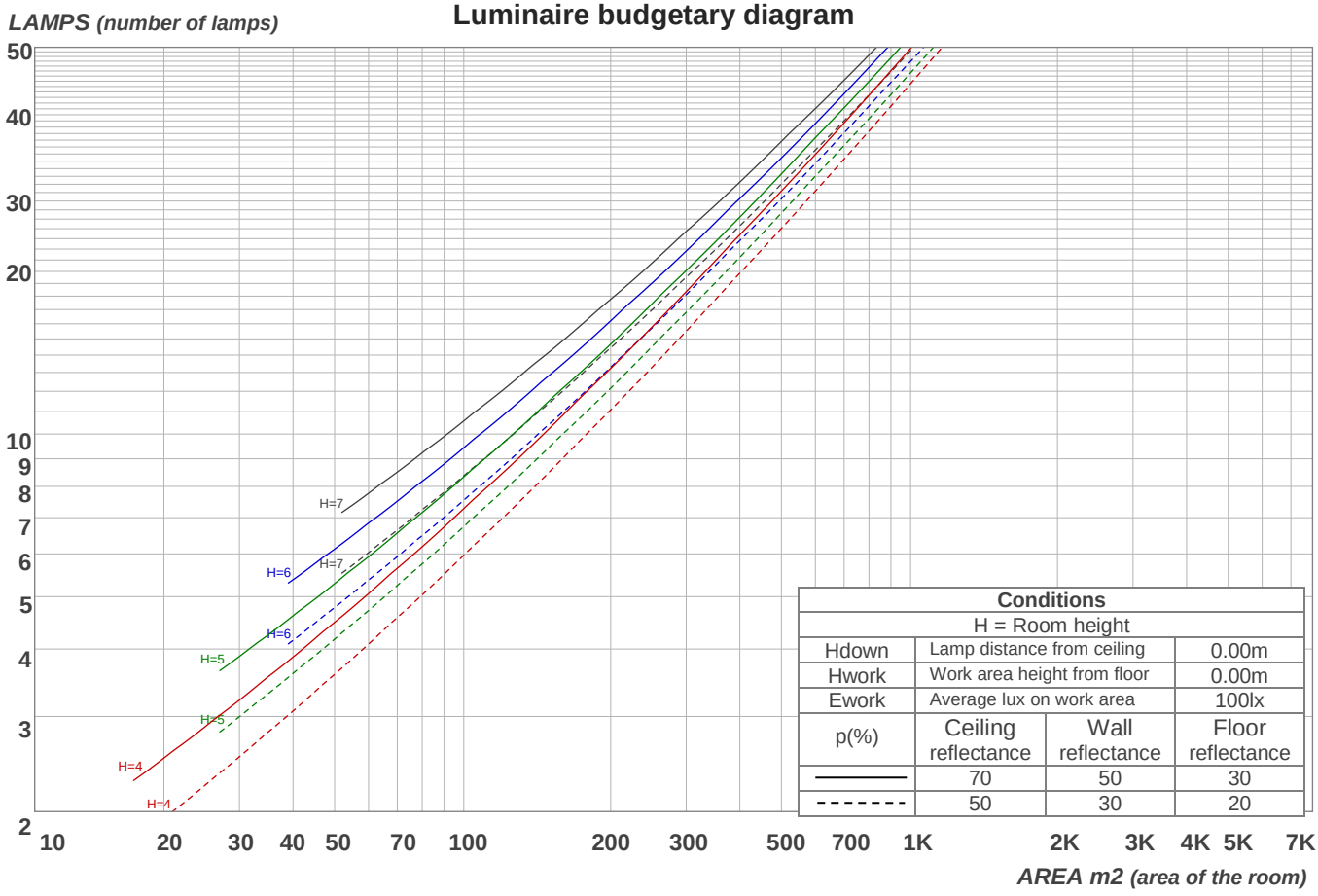
p Ceiling		70	70	50	50	30	70	70	50	50	30
p Walls		50	30	50	30	30	50	30	50	30	30
p Floor		20	20	20	20	20	20	20	20	20	20
Room size X	Y	Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H	2H	24,2	25,5	24,5	25,8	26,0	24,2	25,5	24,5	25,8	26,0
	3H	25,8	27,0	26,2	27,3	27,6	25,8	27,0	26,2	27,3	27,6
	4H	26,5	27,6	26,8	27,9	28,2	26,5	27,6	26,8	27,9	28,2
	6H	27,0	28,1	27,4	28,4	28,7	27,0	28,1	27,4	28,4	28,7
	8H	27,2	28,2	27,5	28,5	28,8	27,2	28,2	27,5	28,5	28,8
	12H	27,2	28,2	27,6	28,6	28,9	27,2	28,2	27,6	28,6	28,9
4H	2H	24,9	26,0	25,2	26,3	26,6	24,9	26,0	25,2	26,3	26,6
	3H	26,7	27,7	27,1	28,0	28,4	26,7	27,7	27,1	28,0	28,4
	4H	27,5	28,4	27,9	28,8	29,1	27,5	28,4	27,9	28,8	29,1
	6H	28,2	28,9	28,6	29,3	29,7	28,2	28,9	28,6	29,3	29,7
	8H	28,4	29,1	28,8	29,5	29,9	28,4	29,1	28,8	29,5	29,9
	12H	28,5	29,1	29,0	29,6	30,0	28,5	29,1	28,9	29,5	30,0
8H	4H	27,9	28,6	28,3	29,0	29,4	27,9	28,6	28,3	29,0	29,4
	6H	28,6	29,2	29,1	29,6	30,1	28,6	29,2	29,1	29,6	30,1
	8H	28,9	29,4	29,4	29,9	30,3	28,9	29,4	29,4	29,9	30,3
	12H	29,1	29,5	29,6	30,0	30,5	29,1	29,5	29,6	30,0	30,5
12H	4H	27,9	28,5	28,3	28,9	29,4	27,9	28,5	28,3	28,9	29,4
	6H	28,7	29,2	29,2	29,6	30,1	28,7	29,2	29,2	29,6	30,1
	8H	29,0	29,5	29,5	29,9	30,4	29,0	29,4	29,5	29,9	30,4
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		+0,4 / -0,6					+0,4 / -0,6				
Standard table		BK06					BK06				
Correction summand		11,7					11,7				
Corrected glare indices referring to 2452 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	104	99	95	106	101	97	94	97	94	91	93	90	88	89	87	85	83
2	98	90	83	77	96	88	82	76	84	79	74	81	77	73	78	74	71	69
3	90	79	71	64	87	77	69	63	74	68	62	71	66	61	69	64	60	58
4	82	70	61	54	80	68	60	54	66	59	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	45	39	50	44	39	37
7	64	51	42	36	63	50	41	35	48	41	35	47	40	35	45	39	35	33
8	60	46	38	32	58	45	37	32	44	37	31	43	36	31	42	35	31	29
9	56	42	34	28	54	42	34	28	41	33	28	39	33	28	38	32	28	26
10	52	39	31	26	51	39	31	26	38	30	26	37	30	25	36	30	25	24

Luminaire budgetary diagram



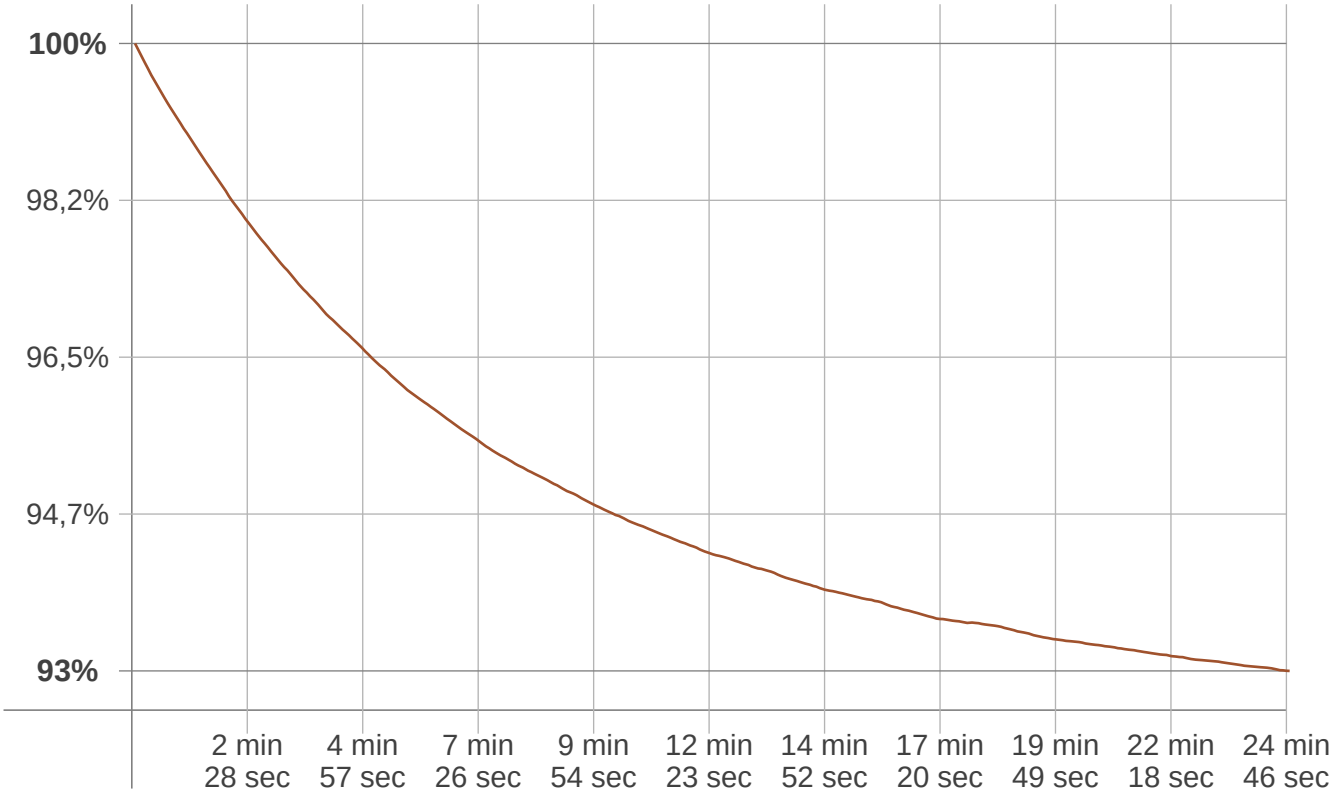
Zonal Lumen Summary

0°-10°	10°-20°	20°-30°	30°-40°	40°-50°	50°-60°	60°-70°	70°-80°	80°-90°
78,9 lm	226 lm	344 lm	418 lm	438 lm	400 lm	310 lm	183 lm	49,3 lm

90°-100°	100°-110°	110°-120°	120°-130°	130°-140°	140°-150°	150°-160°	160°-170°	170°-180°
0,399 lm	0,437 lm	0,528 lm	0,567 lm	0,556 lm	0,494 lm	0,388 lm	0,249 lm	0,089 lm

Stabilization

Warmup curve



Warmup result

Warmup time:	**24 min 51 sec**
Warmup variation	**-7,1%**

Warmup conditions

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

Color temperature change

CCT start	CCT change	CCT end
5033 K	**+66 K**	**5099 K**

Output change

Output start	Output change	Output end
2636 lm	**-183 lm**	**2452 lm**