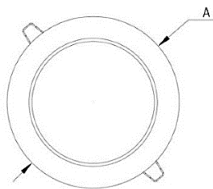




**Dimensiones (mm)**

**A: Ø172**



**Corte: Ø156**

**Código**

**KT6617-16W-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**

<b>LED</b>	 115°	 50,000h	<b>IP 20</b>	<b>IK 02</b>
<b>PF 0,97</b>	<b>THD &lt;30%</b>	<b>°C 0-40</b>	<b>V 100-240</b>	<b>Hz 50/60</b>

**Fuente de luz**

Bala con módulo de LED.

Potencia de Salida	CRI	K	Lm / W	Lm de Salida
15,3W	>80	5000	110	1681

**Características de fuente de luz**

- Color temperatura disponible 5000K (luz día).

Light efficiency:



Light quality:



Color temperature:



Output: 1681 lm

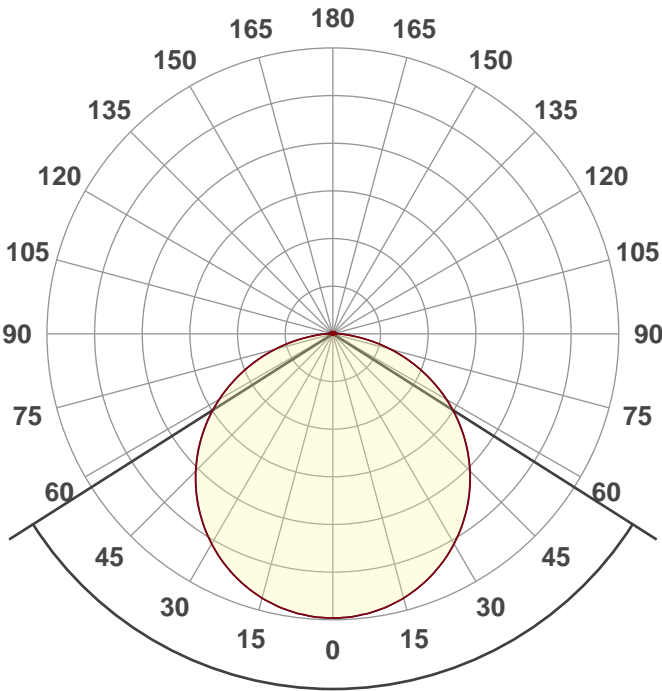
Peak: 568 cd

Power: 15,3 W

PF: 0,97



Product name:  
E0376-KT6617-16W-AM-5K



Beam angle **115,2°**



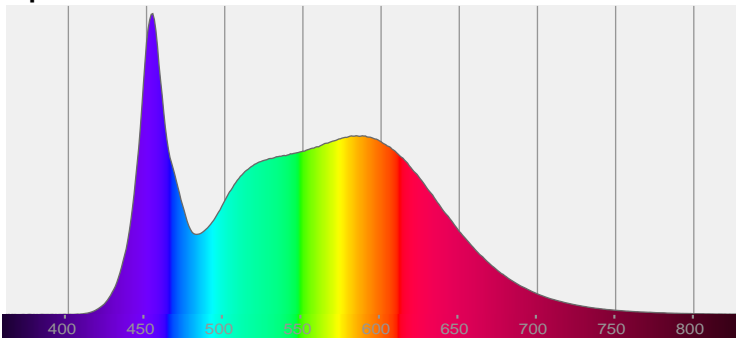
CIE 1931  
x: 0,343  
y: 0,356

THD Values:

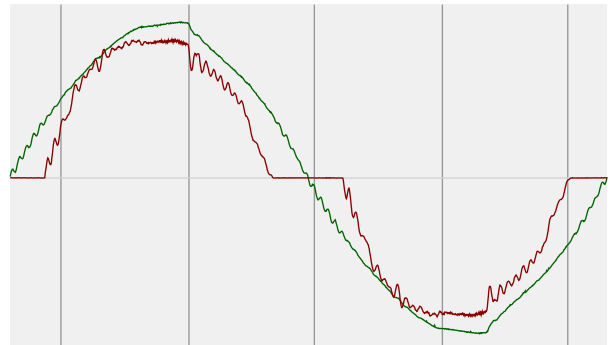
Voltage: 2,46%

Current: 21,61%

Spectra

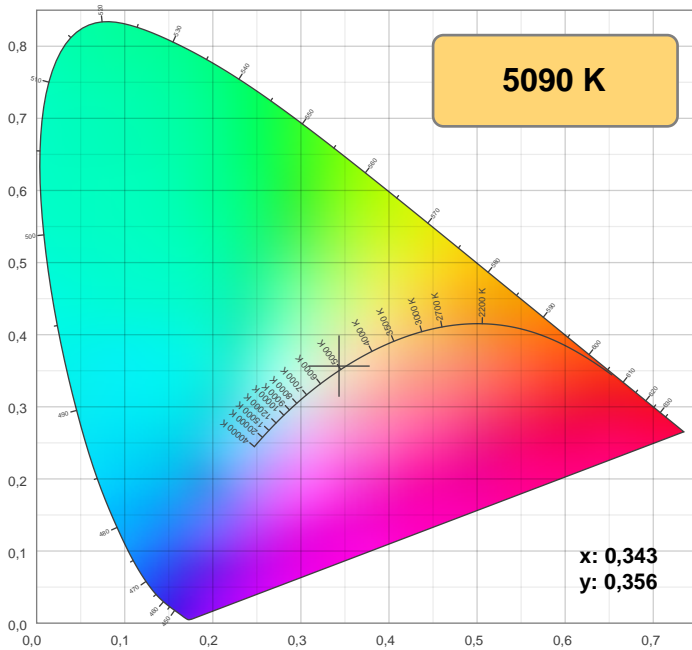


Power



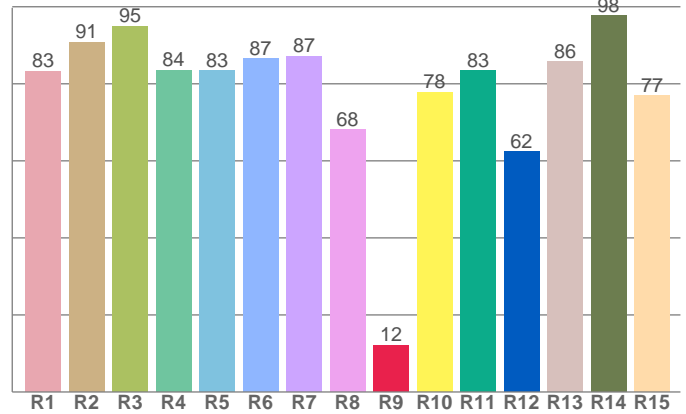
Voltage: 114 V  
Current: 0,138 A  
Frequency: 59,8 Hz

## Color details



CIE 1931

CRI: 84,7 (R1-R8)

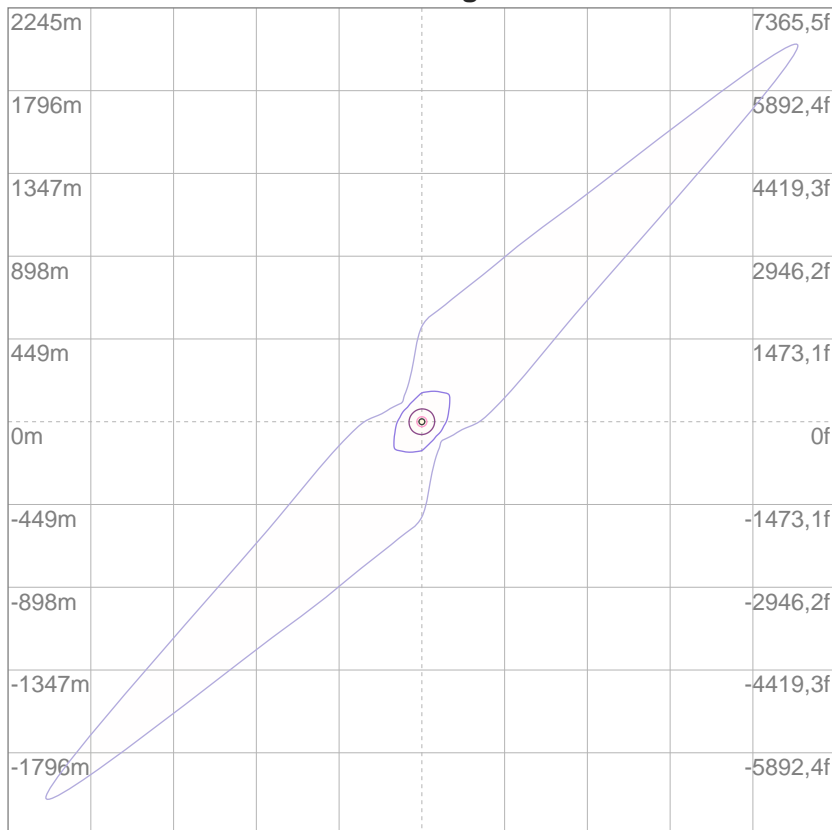


CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	9	R10	R11	R12	R13	R14	R15
83,2	90,9	95,0	83,6	83,4	86,5	87,1	68,1	12,1	77,8	83,4	62,4	85,7	97,7	76,9

## ISO Diagrams

ISO lux diagram



Mounting height: 10 meters (33 f)

3%	0,170 lx
5%	0,284 lx
10%	0,567 lx
30%	1,70 lx
50%	2,84 lx

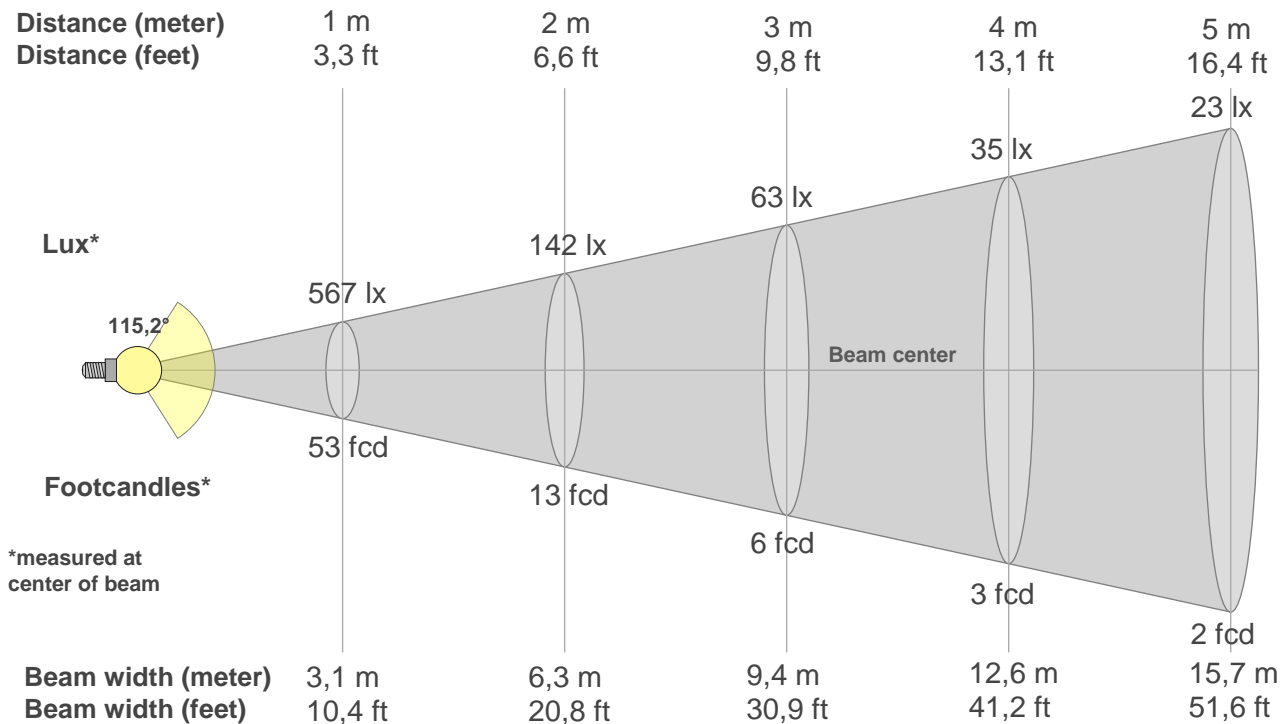
Conditions:

Number of c-planes: 8

Lux at center: 5,67 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
567lx	142lx	63lx	35lx	23lx	16lx	12lx	9lx	7lx	6lx	5lx	4lx	3lx	3lx	3lx	2lx	2lx	2lx	2lx	1lx
52,7fcd	13,2fcd	5,9fcd	3,3fcd	2,1fcd	1,5fcd	1,1fcd	0,8fcd	0,7fcd	0,5fcd	0,4fcd	0,4fcd	0,3fcd	0,3fcd	0,2fcd	0,2fcd	0,2fcd	0,2fcd	0,1fcd	0,1fcd

### 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°
567	565	557	546	529	509	484	455	423	388	349	307	263	216	168	120	73	32	9	0
100%	100%	98%	96%	93%	90%	85%	80%	75%	68%	61%	54%	46%	38%	30%	21%	13%	6%	2%	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°
567	565	558	546	529	509	483	455	422	386	347	306	261	215	167	119	73	35	12	0
100%	100%	98%	96%	93%	90%	85%	80%	74%	68%	61%	54%	46%	38%	29%	21%	13%	6%	2%	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°
567	565	557	546	529	509	484	455	423	388	349	307	263	216	168	120	73	32	9	0
100%	100%	98%	96%	93%	90%	85%	80%	75%	68%	61%	54%	46%	38%	30%	21%	13%	6%	2%	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°
567	565	558	546	529	509	483	455	422	386	347	306	261	215	167	119	73	35	12	0
100%	100%	98%	96%	93%	90%	85%	80%	74%	68%	61%	54%	46%	38%	29%	21%	13%	6%	2%	0%

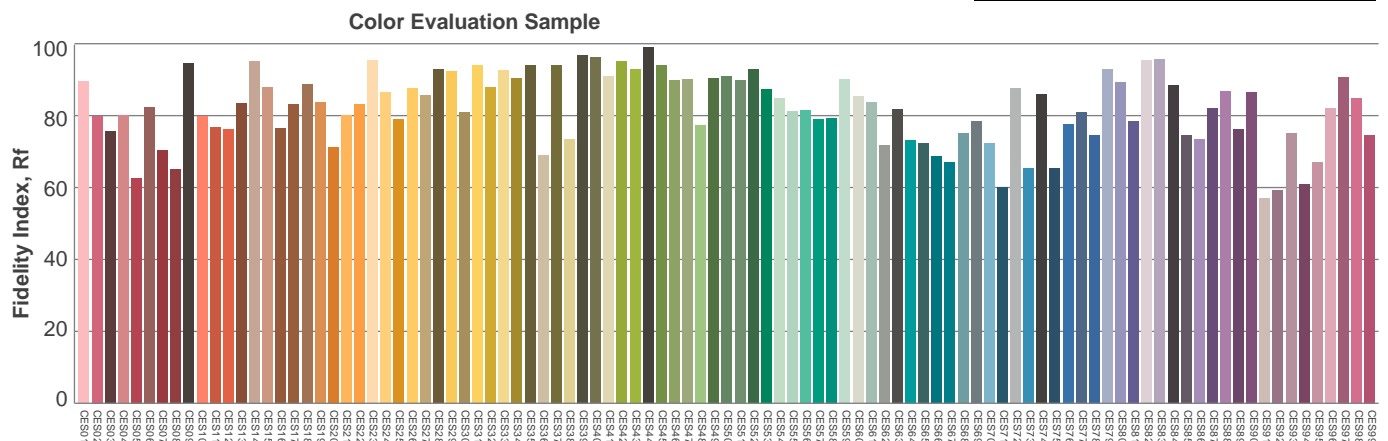
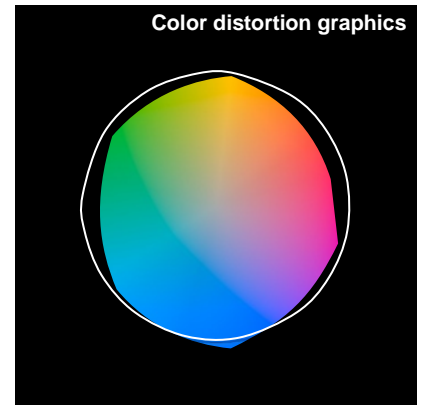
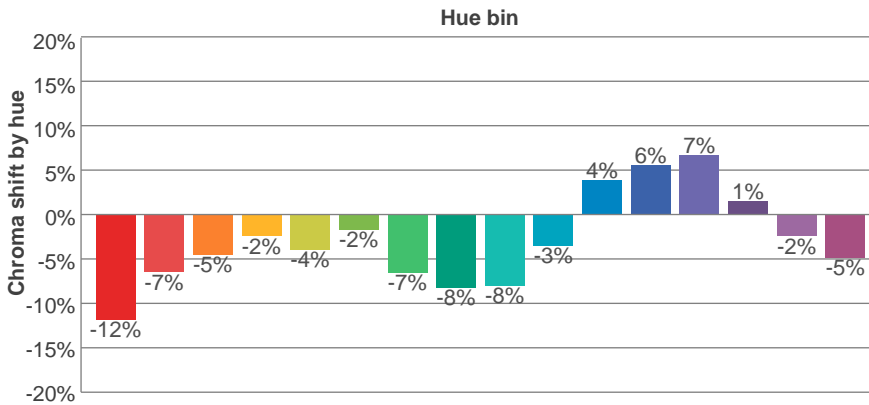
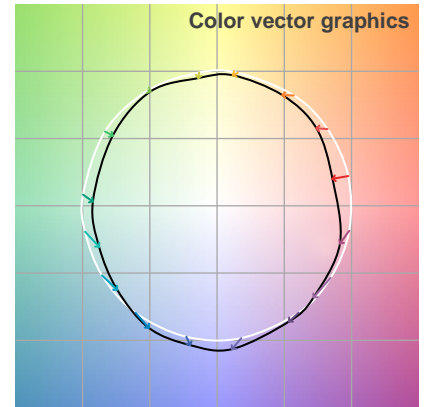
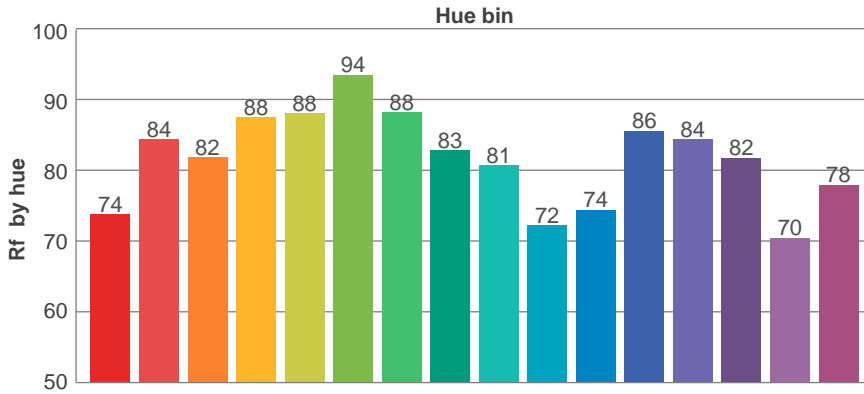
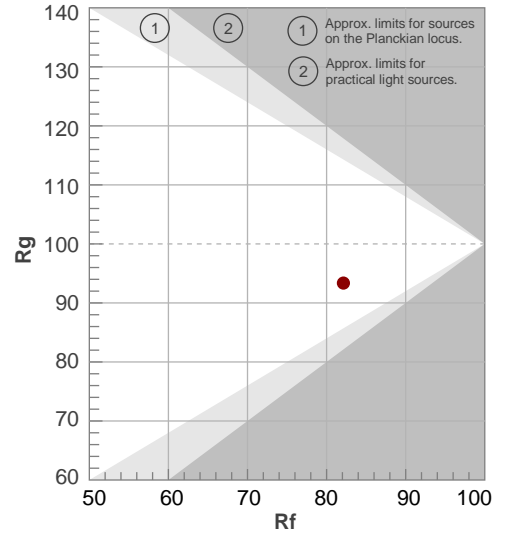
Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
115,2°	163,6°	177,7°	77,3%	52,2%

TM30 details

**Rf 82,1**  
Fidelity index Rf

**Rg 93,4**  
Gammut index Rg

Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	74	-12%	0%
2	84	-7%	5%
3	82	-5%	7%
4	88	-2%	3%
5	88	-4%	1%
6	94	-2%	-1%
7	88	-7%	-1%
8	83	-8%	4%
9	81	-8%	13%
10	72	-3%	15%
11	74	4%	14%
12	86	6%	4%
13	84	7%	-8%
14	82	1%	-10%
15	70	-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	25,0	26,3	25,3	26,6	26,8	25,0	26,3	25,3	26,5	26,8
	3H	26,6	27,9	27,0	28,1	28,4	26,6	27,8	26,9	28,1	28,4
	4H	27,3	28,5	27,7	28,7	29,0	27,3	28,4	27,6	28,7	29,0
	6H	27,8	28,9	28,2	29,2	29,5	27,8	28,9	28,2	29,2	29,5
	8H	28,0	29,0	28,3	29,3	29,7	28,0	29,0	28,3	29,3	29,6
	12H	28,1	29,1	28,5	29,4	29,7	28,1	29,1	28,5	29,4	29,7
4H	2H	25,7	26,8	26,0	27,1	27,4	25,7	26,8	26,0	27,1	27,4
	3H	27,5	28,5	27,9	28,8	29,2	27,5	28,5	27,9	28,8	29,2
	4H	28,3	29,2	28,7	29,6	30,0	28,3	29,2	28,7	29,6	29,9
	6H	29,0	29,7	29,4	30,1	30,5	29,0	29,7	29,4	30,1	30,5
	8H	29,2	29,9	29,6	30,3	30,7	29,2	29,9	29,6	30,3	30,7
	12H	29,4	30,0	29,8	30,4	30,9	29,4	30,0	29,8	30,4	30,9
8H	4H	28,7	29,4	29,1	29,8	30,2	28,7	29,4	29,1	29,8	30,2
	6H	29,5	30,0	29,9	30,5	30,9	29,4	30,0	29,9	30,5	30,9
	8H	29,8	30,3	30,2	30,7	31,2	29,8	30,3	30,2	30,7	31,2
	12H	30,0	30,4	30,5	30,9	31,4	30,0	30,5	30,5	30,9	31,4
12H	4H	28,7	29,3	29,2	29,8	30,2	28,7	29,3	29,1	29,8	30,2
	6H	29,5	30,0	30,0	30,5	31,0	29,5	30,0	30,0	30,5	31,0
	8H	29,9	30,3	30,4	30,8	31,3	29,9	30,3	30,4	30,8	31,3
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	12,5					12,5					
Corrected glare indices referring to 1681 lm total luminous flux											

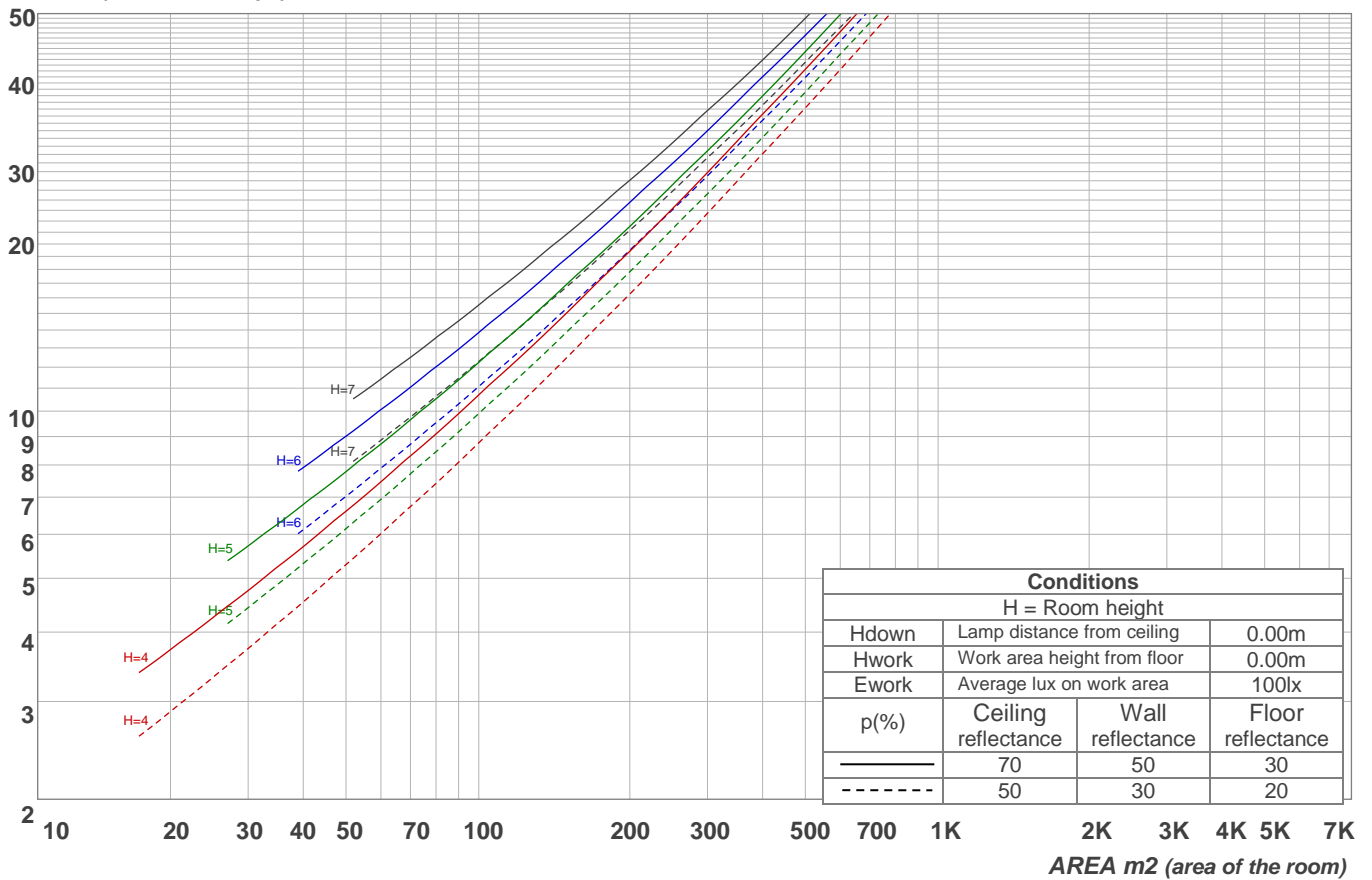
# Light planning

## 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
<b>RCR</b>	<b>(RCR: Room Cavity Ratio)</b>																	
	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

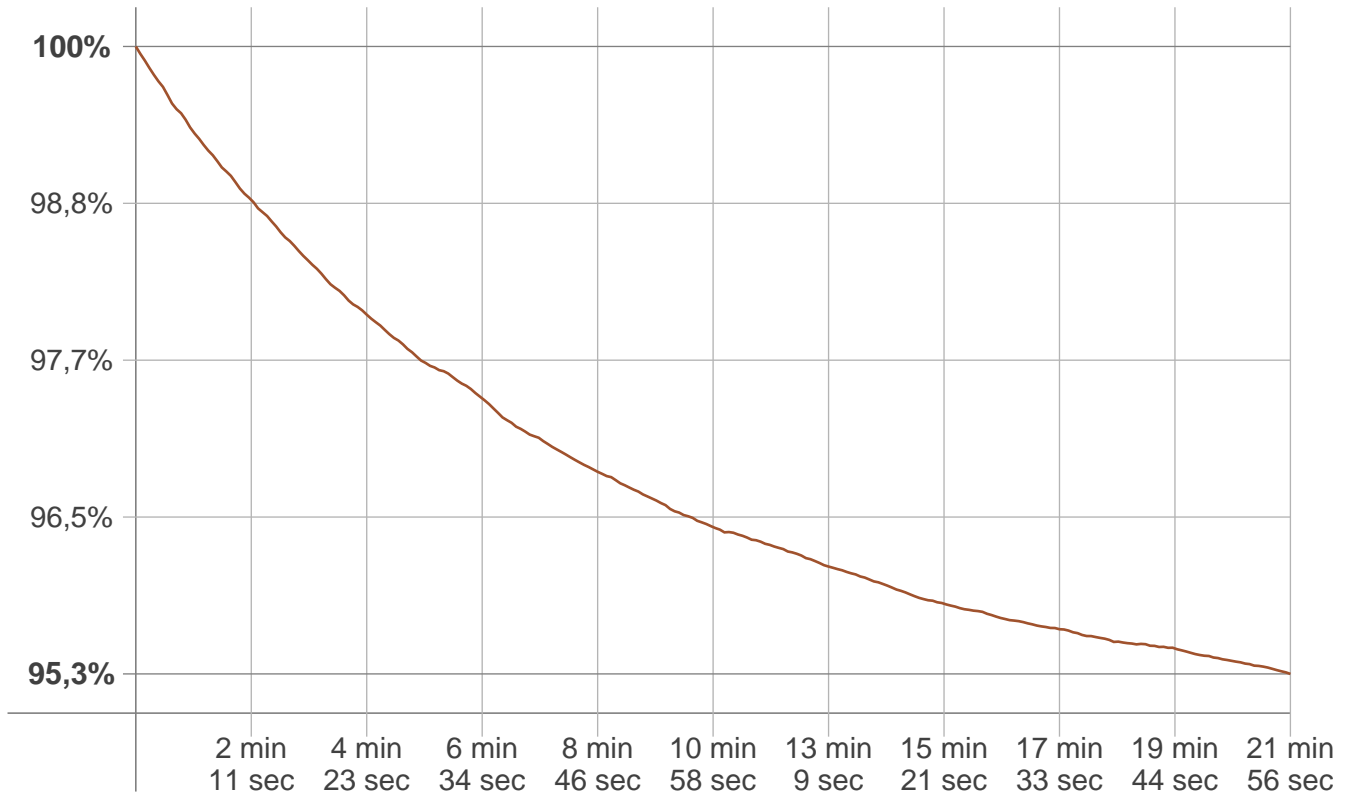


### Zonal Lumen Summary

0°-10°	10°-20°	20°-30°	30°-40°	40°-50°	50°-60°	60°-70°	70°-80°	80°-90°
53,7 lm	154 lm	235 lm	285 lm	298 lm	274 lm	213 lm	126 lm	39,0 lm
90°-100°	100°-110°	110°-120°	120°-130°	130°-140°	140°-150°	150°-160°	160°-170°	170°-180°
1,92 lm	0,162 lm	0,189 lm	0,206 lm	0,195 lm	0,167 lm	0,125 lm	0,076 lm	0,026 lm

# Stabilization

## Warmup curve



## Warmup result

Warmup time:	21 min 56 sec
Warmup variation	-4,7%

## Warmup conditions

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

## Color temperature change

CCT start	CCT change	CCT end
5014 K	+76 K	5090 K

## Output change

Output start	Output change	Output end
1760 lm	-80 lm	1681 lm