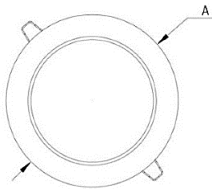




**Dimensiones (mm)**

**A:** Ø190  
**Altura:** 2,9.



**Corte:** Ø160

**Código**

**KT6617-LV-16W-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**

<b>LED</b>	 114°	 50,000h	<b>IP</b> 20	<b>IK</b> 02
<b>PF</b> 0,99	<b>THD</b> <20%	<b>°C</b> 0-40	<b>V</b> 100-240	<b>Hz</b> 50/60

**Fuente de luz**

Bala con módulo de LED.

Potencia de Salida	CRI	K	Lm / W	Lm de Salida
15,4W	>80	4000	111	1715

**Características de fuente de luz**

- Color temperatura disponible 4000K (neutro).

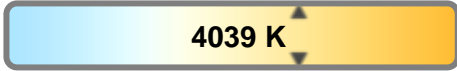
Light efficiency:



Light quality:



Color temperature:



Output: 1715 lm

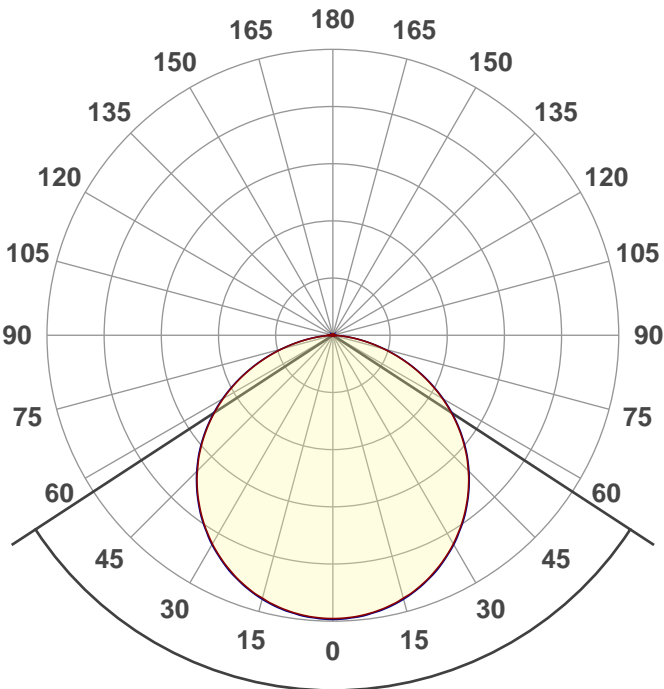
Peak: 597 cd

Power: 15,4 W

PF: 0,99



Product name:  
E0692-KT6617-LV-16W-4K



Beam angle **113,7°**



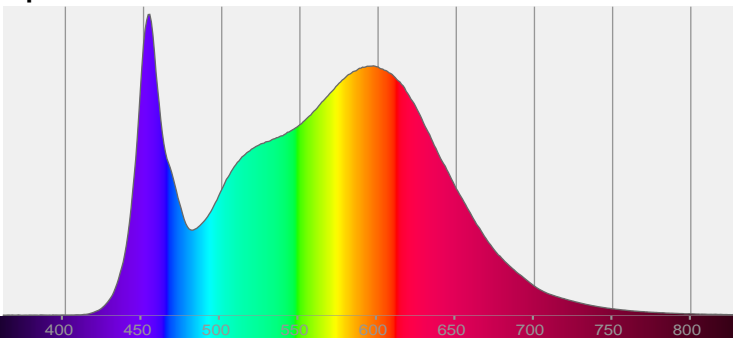
CIE 1931  
x: 0,379  
y: 0,375

THD Values:

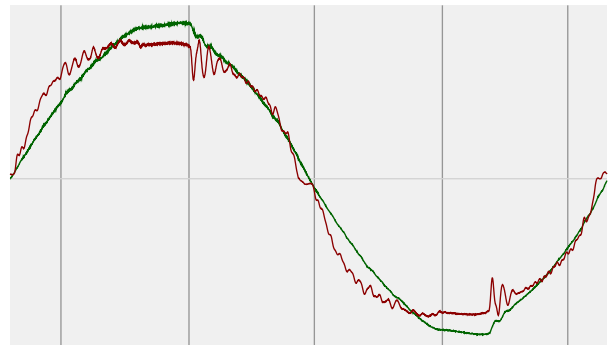
Voltage: 2,31%

Current: 12,85%

Spectra



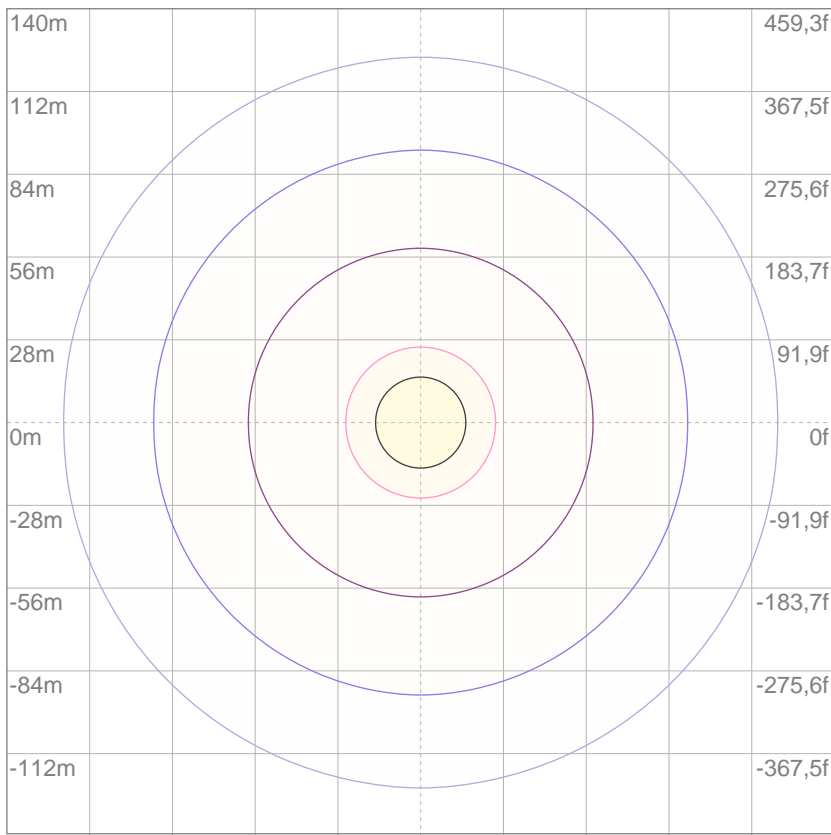
Power



Voltage: 114 V  
Current: 0,137 A  
Frequency: 60 Hz

# ISO Diagrams

## ISO lux diagram



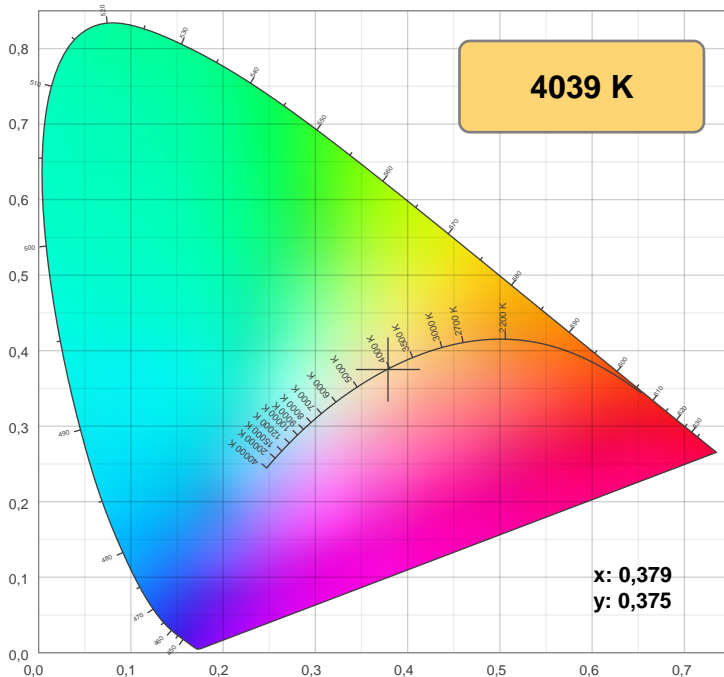
3%	0,179 lx
5%	0,298 lx
10%	0,597 lx
30%	1,79 lx
50%	2,98 lx

**Conditions:**  
 Number of c-planes: 4  
 Lux at center: 5,97 lx

*Lux distribution on a surface when lamp is mounted at 10 meters from the surface.*

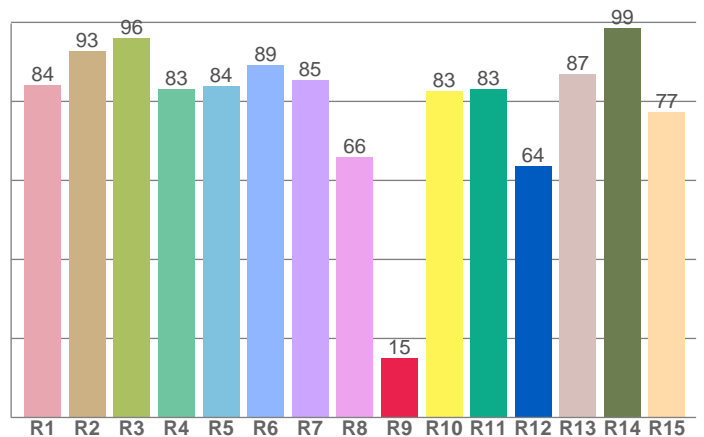
Mounting height: 10 meters (33 f)

## Color details



CIE 1931

## CRI: 85,1 (R1-R8)



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

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
84,2	92,8	96,1	83,1	84,0	89,2	85,5	65,9	15,1	82,6	83,1	63,6	86,9	98,6	77,3

## Color parameters

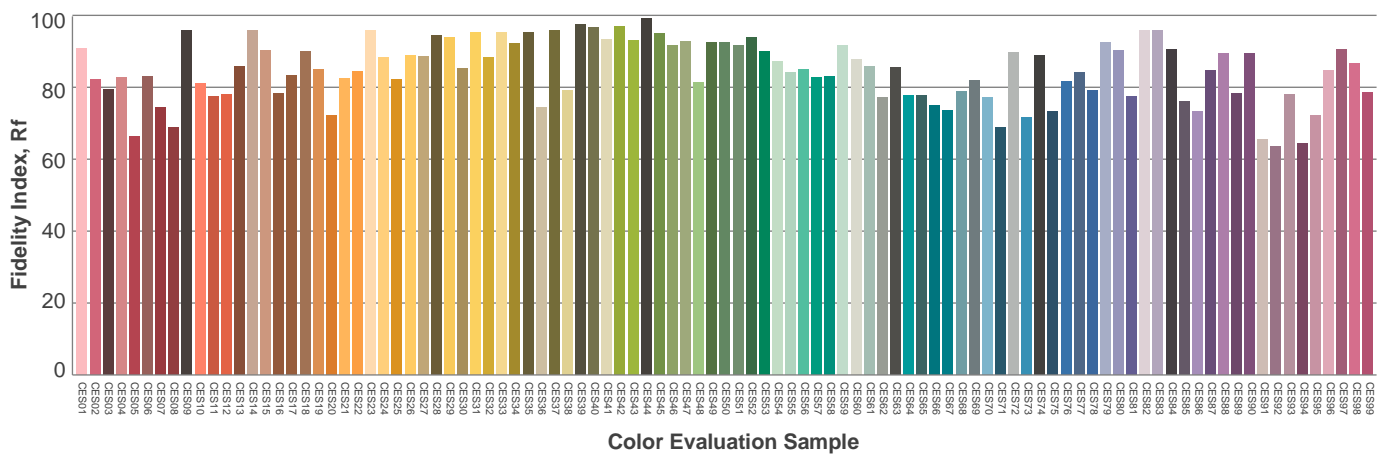
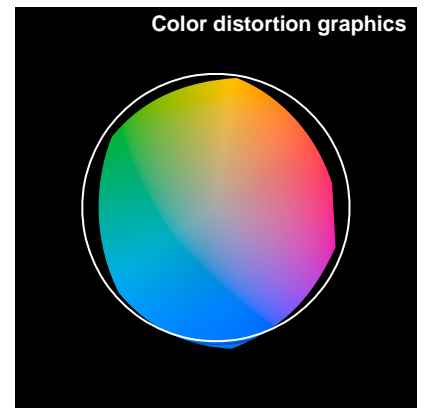
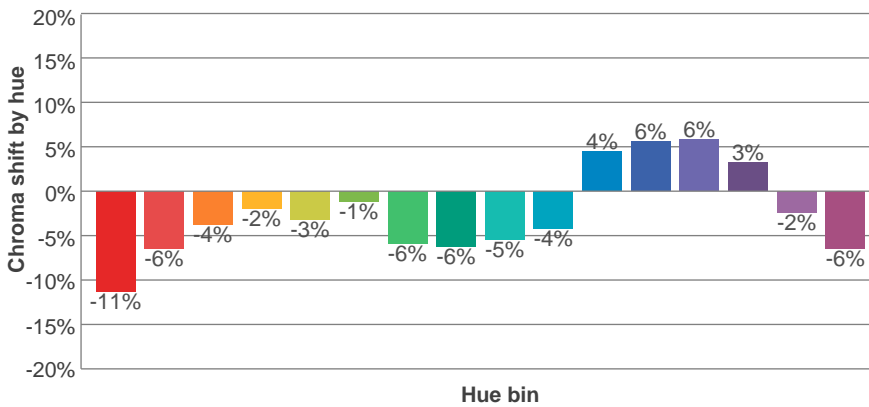
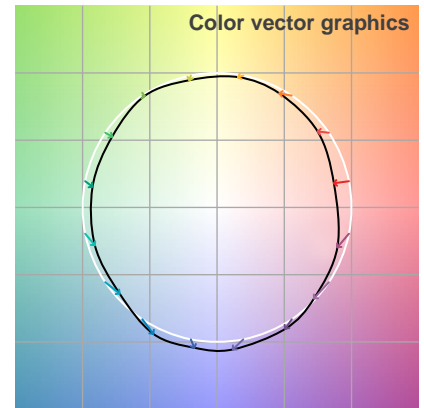
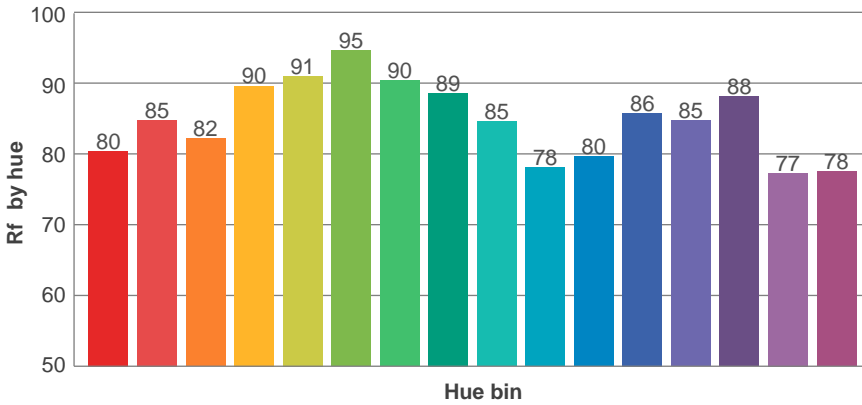
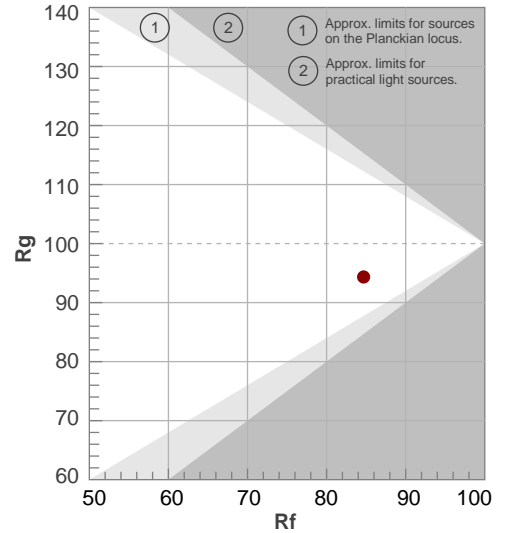
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Color coordinate cie 1931	Color coordinate cie 1931	Color coordinate	Color coordinate	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
4039 K	85,1	15,1	84,7	94,3	83,7	0,379	0,375	0,225	0,334	-0,0003

TM-30 details

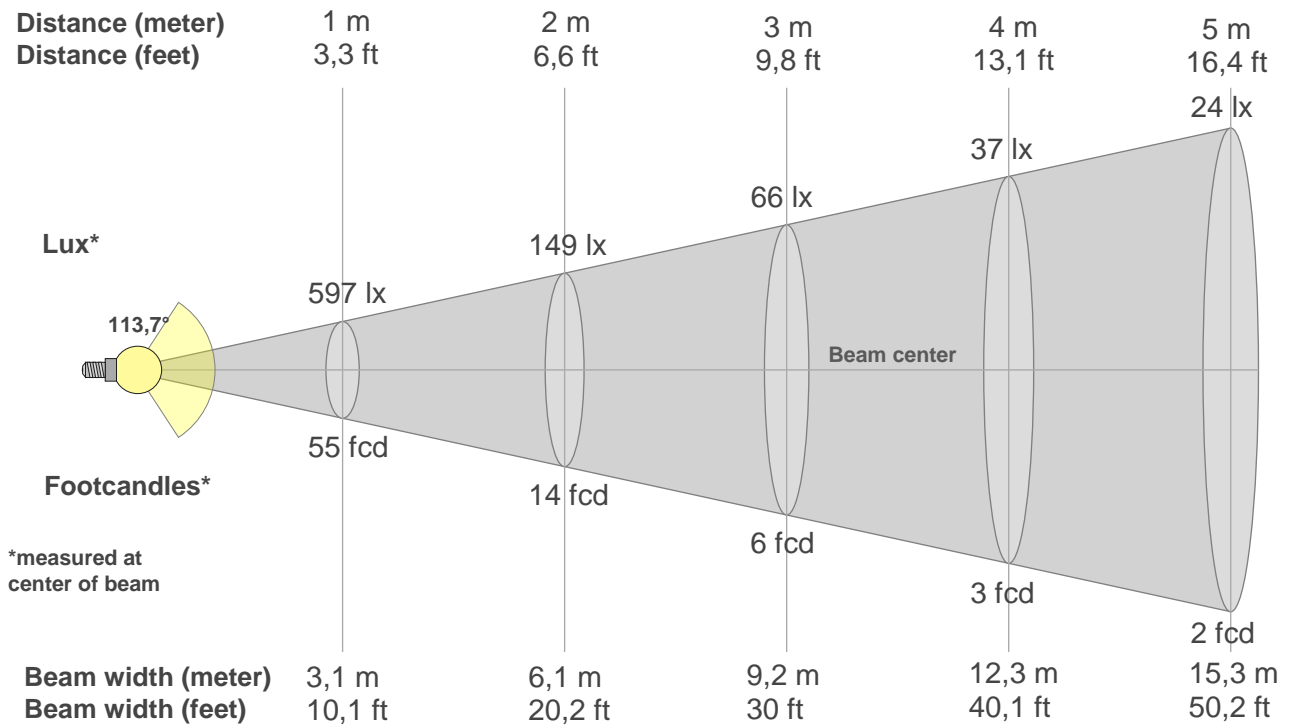
**Rf 84,7**  
Fidelity index Rf

**Rg 94,3**  
Gamut index Rg

Hue Bin	R <sub>f</sub>	Shifts (%)	
		Chroma	Hue
1	80	-11%	1%
2	85	-6%	5%
3	82	-4%	9%
4	90	-2%	4%
5	91	-3%	2%
6	95	-1%	-1%
7	90	-6%	0%
8	89	-6%	3%
9	85	-5%	10%
10	78	-4%	13%
11	80	4%	13%
12	86	6%	4%
13	85	6%	-9%
14	88	3%	-8%
15	77	-2%	-16%
16	78	-6%	-12%



## Beam details



### Beam intensities from 1-20m

{BEAM\_INT\_TABLE\_START}

m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
lx	lx	lx	lx	lx	lx	lx	lx	lx	lx	lx	lx	lx	lx	lx	lx	lx	lx	lx	lx
fcd	fcd	fcd	fcd	fcd	fcd	fcd	fcd	fcd	fcd	fcd	fcd	fcd	fcd	fcd	fcd	fcd	fcd	fcd	fcd

### 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°
597	593	585	572	555	533	506	476	441	403	361	315	266	215	163	111	62	20	0	0
100%	99%	98%	96%	93%	89%	85%	80%	74%	68%	60%	53%	45%	36%	27%	19%	10%	3%	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°
597	595	587	574	557	535	508	478	443	405	363	317	268	217	164	112	63	21	0	0
100%	100%	98%	96%	93%	90%	85%	80%	74%	68%	61%	53%	45%	36%	28%	19%	11%	3%	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°
597	593	585	572	555	533	506	476	441	403	361	315	266	215	163	111	62	20	0	0
100%	99%	98%	96%	93%	89%	85%	80%	74%	68%	60%	53%	45%	36%	27%	19%	10%	3%	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°
597	595	587	574	557	535	508	478	443	405	363	317	268	217	164	112	63	21	0	0
100%	100%	98%	96%	93%	90%	85%	80%	74%	68%	61%	53%	45%	36%	28%	19%	11%	3%	0%	0%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
113,7°	160,7°	171,5°	79,1%	53,6%

# 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	23,0	24,2	23,2	24,5	24,7	23,0	24,2	23,2	24,5	24,8
	3H	24,4	25,7	24,8	26,0	26,2	24,4	25,7	24,9	26,0	26,2
	4H	25,0	26,2	25,4	26,5	26,7	25,0	26,2	25,5	26,5	26,8
	6H	25,5	26,5	25,8	26,8	27,2	25,5	26,6	25,8	26,8	27,2
	8H	25,5	26,6	25,9	26,9	27,3	25,6	26,6	25,9	26,9	27,4
4H	12H	25,6	26,6	25,9	26,9	27,4	25,6	26,6	26,0	27,0	27,4
	2H	23,6	24,8	24,0	25,1	25,3	23,6	24,8	24,0	25,1	25,3
	3H	25,3	26,3	25,7	26,7	27,1	25,4	26,4	25,7	26,7	27,1
	4H	26,0	26,9	26,4	27,3	27,8	26,0	26,9	26,4	27,3	27,9
	6H	26,5	27,3	27,0	27,7	28,1	26,5	27,4	27,0	27,7	28,1
8H	8H	26,6	27,4	27,1	27,8	28,1	26,6	27,4	27,1	27,8	28,2
	12H	26,6	27,3	27,1	27,7	28,2	26,7	27,4	27,2	27,8	28,3
	4H	26,2	27,0	26,7	27,4	27,8	26,3	27,1	26,8	27,4	27,8
	6H	26,9	27,5	27,4	27,9	28,5	26,9	27,5	27,4	28,0	28,5
	8H	27,1	27,6	27,6	28,1	28,8	27,1	27,7	27,6	28,2	28,8
12H	12H	27,2	27,6	27,8	28,1	28,8	27,2	27,7	27,8	28,2	28,8
	4H	26,2	26,9	26,7	27,3	27,8	26,3	26,9	26,8	27,4	27,8
	6H	26,9	27,5	27,4	28,0	28,6	27,0	27,5	27,5	28,0	28,7
8H	27,2	27,6	27,7	28,1	28,7	27,2	27,6	27,8	28,1	28,8	
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	0,5 / -0,5					0,5 / -0,5					
Standard table	n/a					n/a					
Correction summand	n/a					n/a					
Corrected glare indices referring to 1715 lm total luminous flux											

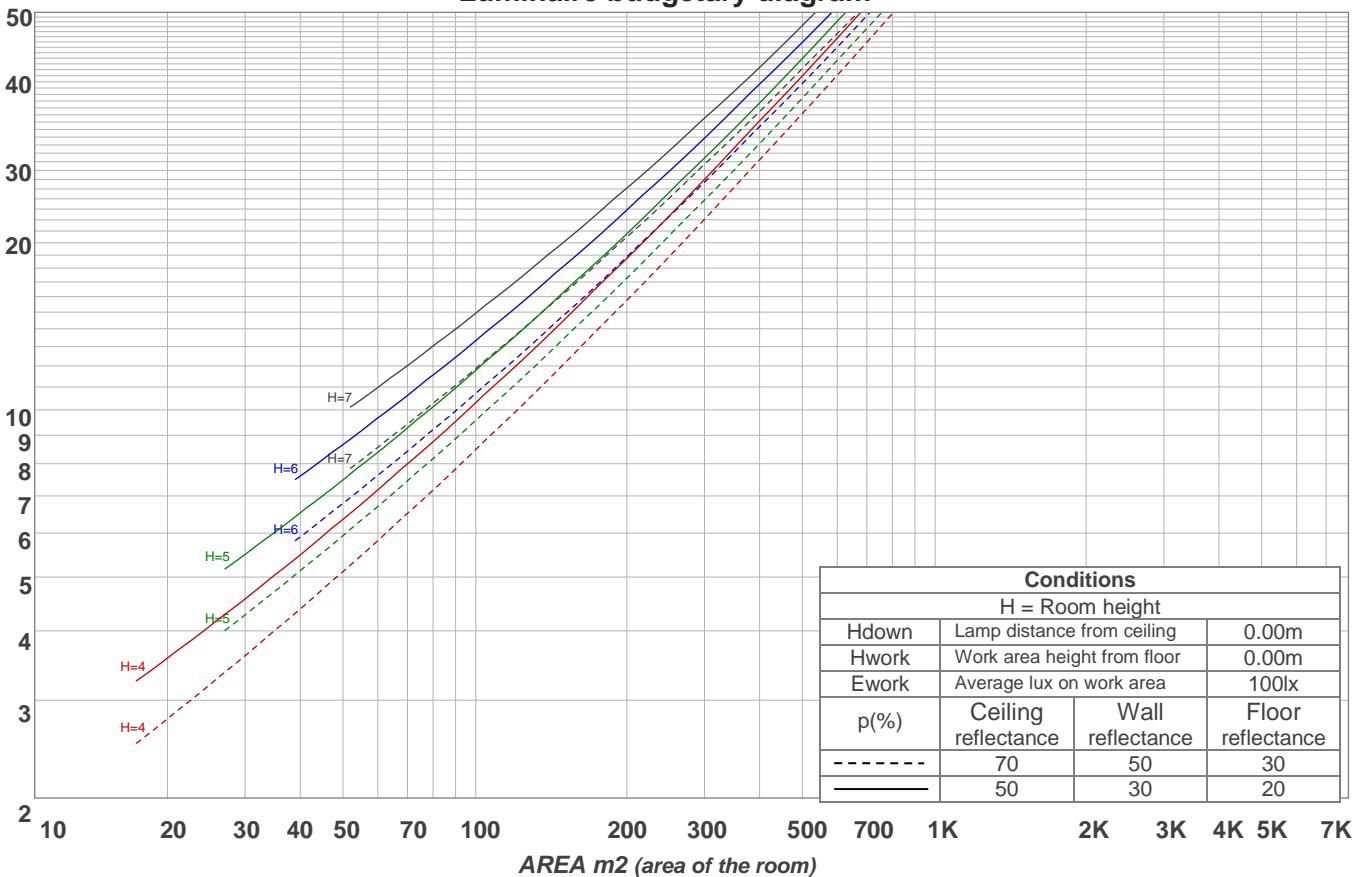
# Light planning

## 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	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	109	104	100	96	106	102	98	94	98	94	91	94	91	89	90	88	86	84			
2	99	91	84	78	96	89	82	77	85	80	75	82	77	74	79	75	72	70			
3	90	79	71	65	88	78	70	64	75	68	63	72	67	62	70	65	61	59			
4	82	70	61	55	80	69	61	54	66	59	54	64	58	53	62	57	52	50			
5	76	63	54	47	74	62	53	47	59	52	46	57	51	46	56	50	45	43			
6	70	56	47	41	68	55	47	41	54	46	40	52	45	40	50	44	40	38			
7	65	51	42	36	63	50	42	36	49	41	36	47	41	35	46	40	35	33			
8	60	47	38	32	59	46	38	32	45	37	32	43	37	32	42	36	31	30			
9	56	43	35	29	55	42	34	29	41	34	29	40	33	29	39	33	28	27			
10	53	39	32	26	51	39	31	26	38	31	26	37	30	26	36	30	26	24			

LAMPS (number of lamps)

### Luminaire budgetary diagram

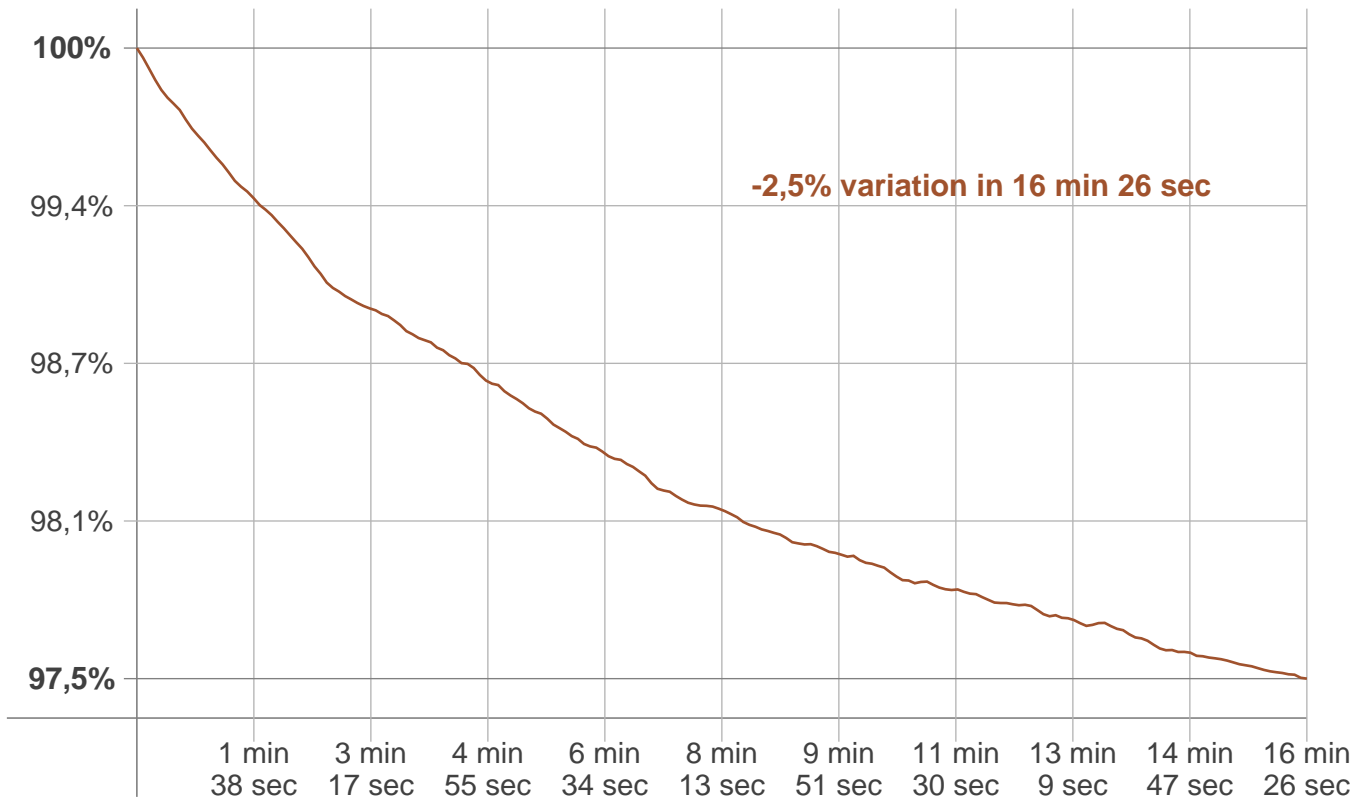


### Zonal Lumen Summary

0°-10°	10°-20°	20°-30°	30°-40°	40°-50°	50°-60°	60°-70°	70°-80°	80°-90°
56,4 lm	162 lm	246 lm	298 lm	311 lm	282 lm	213 lm	118 lm	26,0 lm
90°-100°	100°-110°	110°-120°	120°-130°	130°-140°	140°-150°	150°-160°	160°-170°	170°-180°
0,123 lm	0,141 lm	0,178 lm	0,206 lm	0,205 lm	0,184 lm	0,144 lm	0,093 lm	0,033 lm

## Stabilization

### Warmup curve



### Warmup result

Warmup time:	16 min 26 sec
Warmup variation	-2,5%

### Warmup conditions

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

### Color temperature change

CCT start	CCT change	CCT end
4010 K	+29 K	4039 K

### Output change

Output start	Output change	Output end
1757 lm	-42 lm	1715 lm