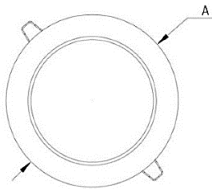




Dimensiones (mm)

A: Ø190
Altura: 2,9.



Corte: Ø160

Código

KT6617-16W-3K

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 0,99	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
15,6W	>80	3000	110	1715

Características de fuente de luz

- Color temperatura disponible 3000K (cálido).

Light efficiency:



Light quality:



Color temperature:



Output: 1715 lm

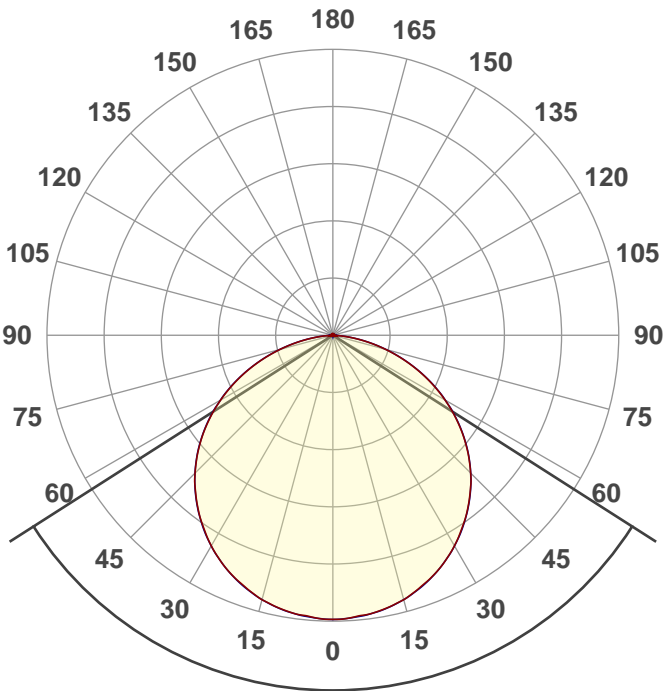
Peak: 589 cd

Power: 15,6 W

PF: 0,99



Product name:
E0693-KT6617-LV-16W-3K



Beam angle **114,9°**



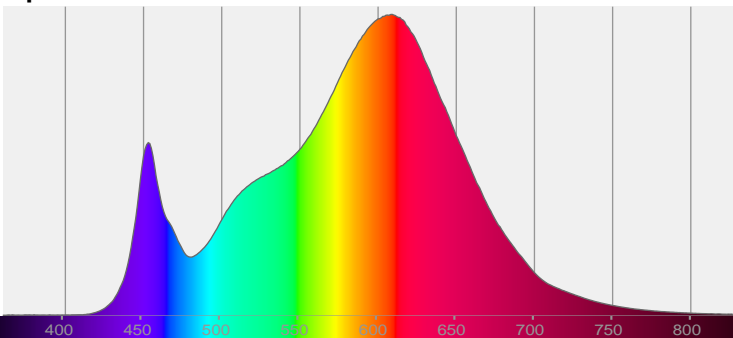
CIE 1931
x: 0,439
y: 0,397

THD Values:

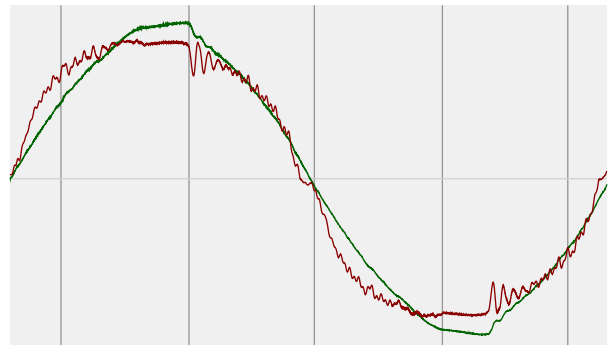
Voltage: 2,64%

Current: 13,03%

Spectra



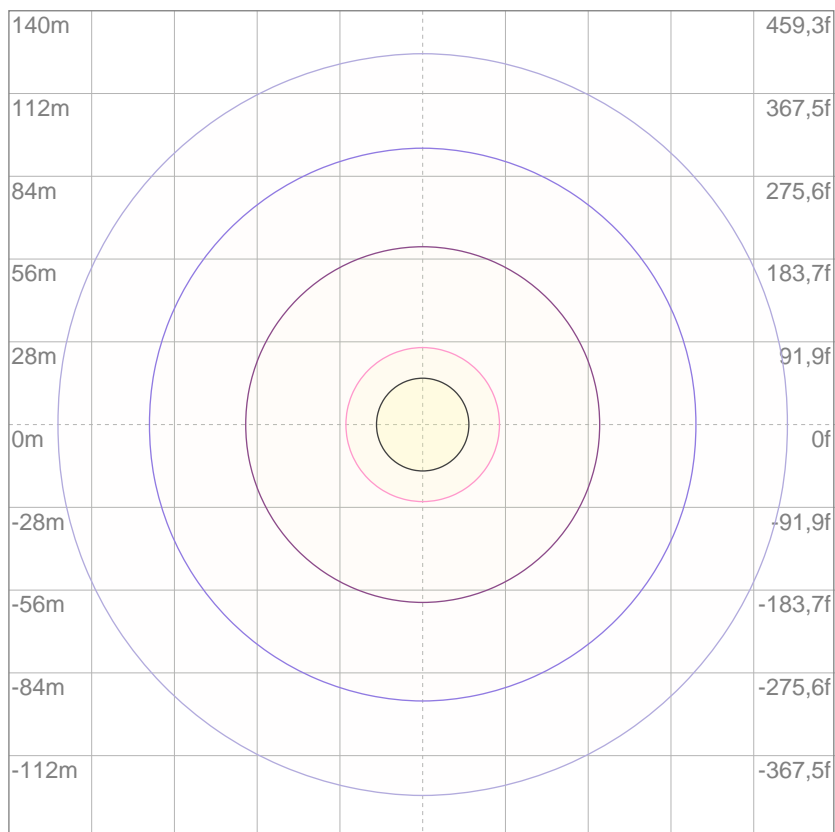
Power



Voltage: 113 V
Current: 0,139 A
Frequency: 60,3 Hz

ISO Diagrams

ISO lux diagram



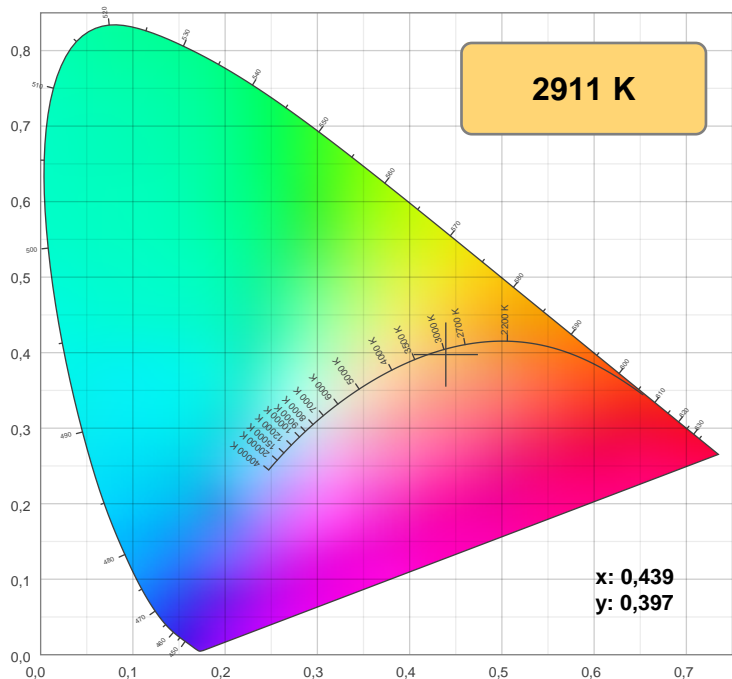
3%	0,177 lx
5%	0,294 lx
10%	0,589 lx
30%	1,77 lx
50%	2,94 lx

Conditions:
 Number of c-planes: 4
 Lux at center: 5,89 lx

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

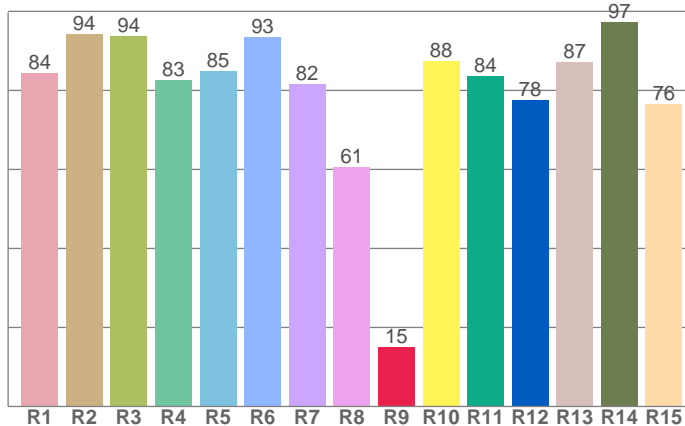
Mounting height: 10 meters (33 f)

Color details



CIE 1931

CRI: 84,5 (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
84,3	94,4	93,7	82,7	85,0	93,4	81,5	60,6	14,9	87,6	83,6	77,6	87,1	97,3	76,4

Color parameters

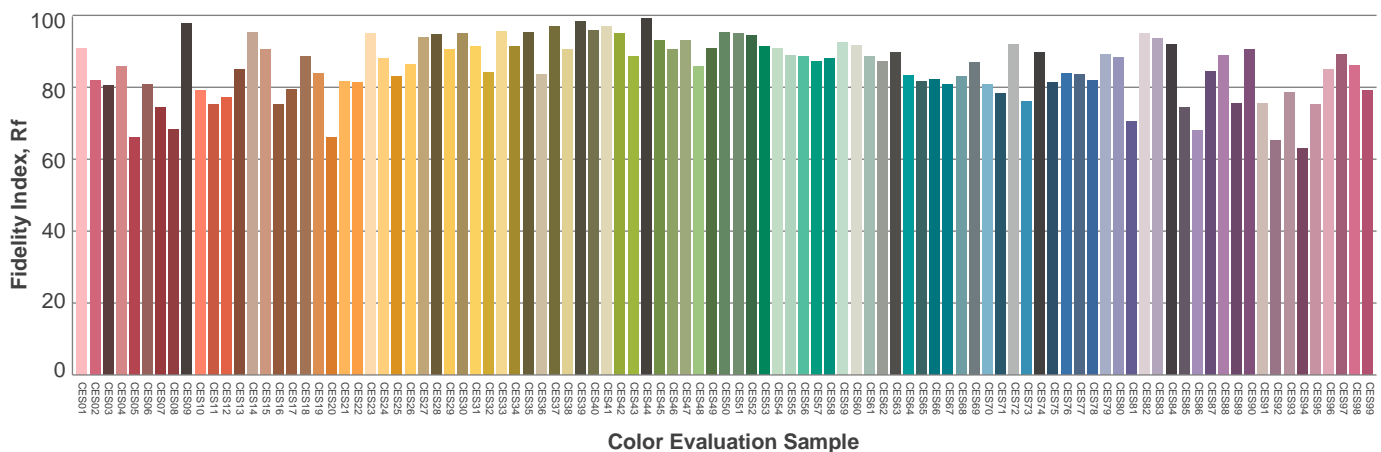
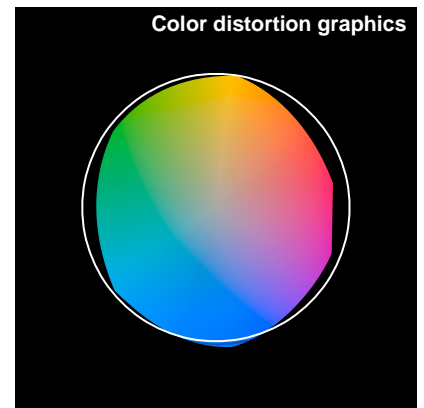
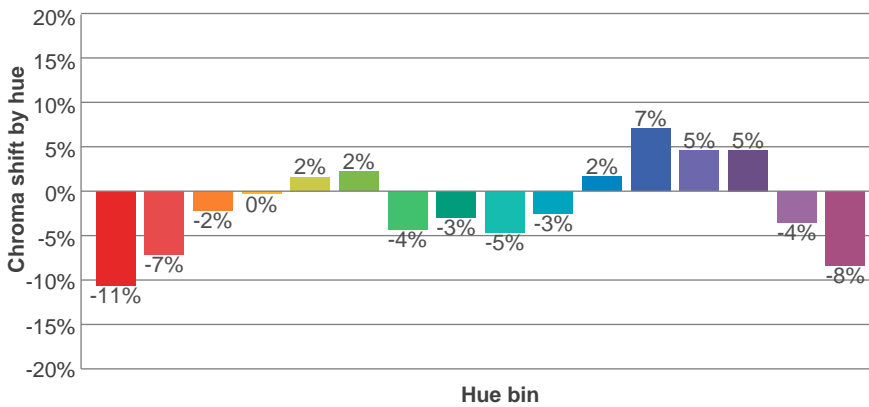
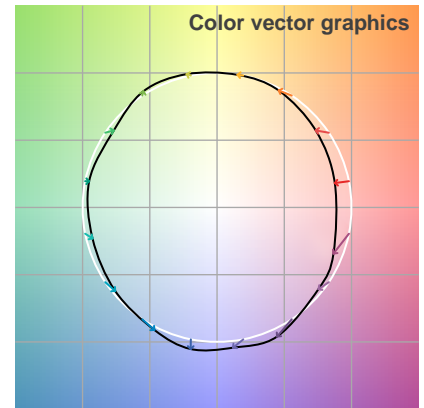
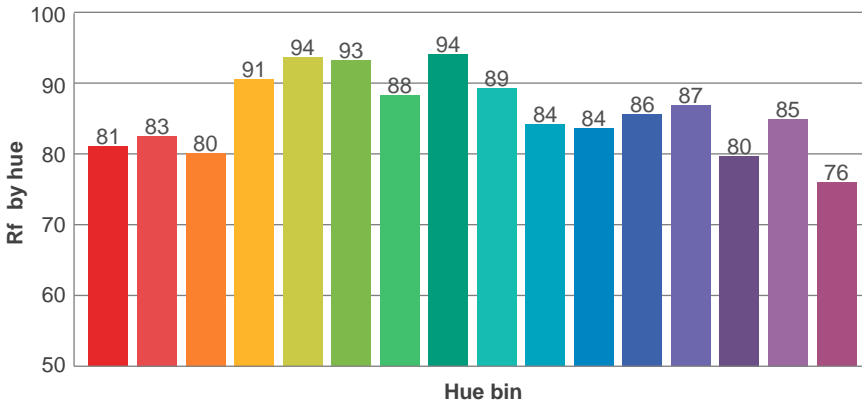
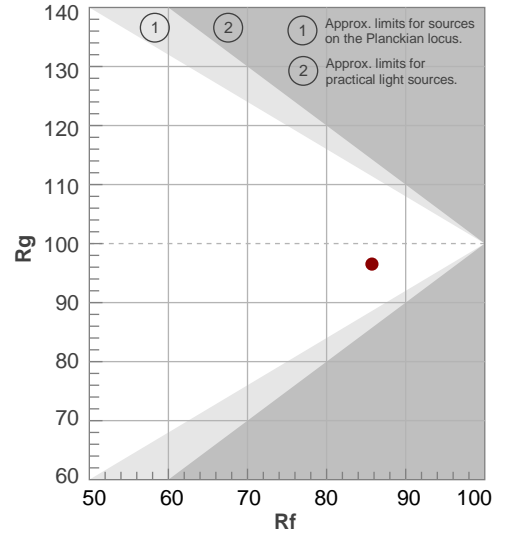
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Color coordinate cie 1931	Color coordinate cie 1931	Color coordinate	Color coordinate	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
2911 K	84,5	14,9	85,7	96,5	83,2	0,439	0,397	0,255	0,346	-0,0029

TM-30 details

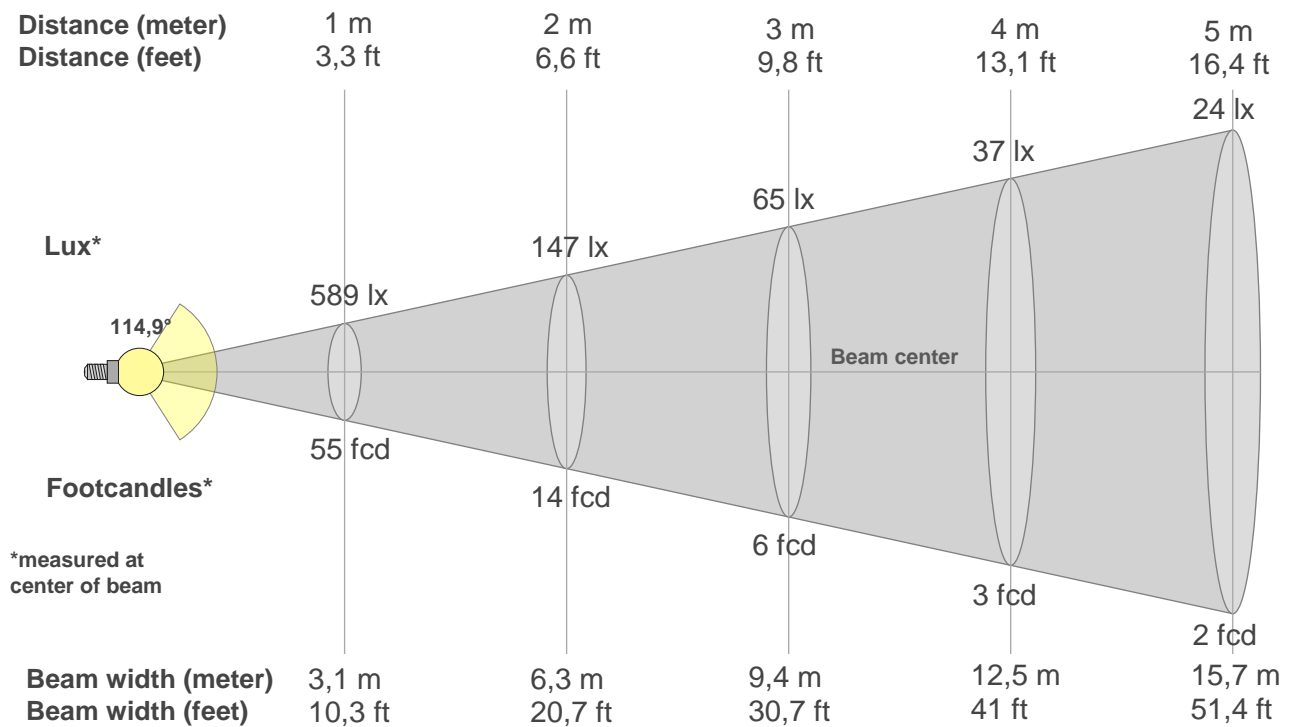
Rf 85,7
Fidelity index Rf

Rg 96,5
Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	81	-11%	1%
2	83	-7%	7%
3	80	-2%	10%
4	91	0%	4%
5	94	2%	3%
6	93	2%	-2%
7	88	-4%	-5%
8	94	-3%	-1%
9	89	-5%	5%
10	84	-3%	10%
11	84	2%	12%
12	86	7%	1%
13	87	5%	-9%
14	80	5%	-16%
15	85	-4%	-9%
16	76	-8%	-17%



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	m
ft	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	lx
fcd	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°
589	584	578	567	549	530	504	474	440	404	362	317	269	218	165	113	64	21	0	0
100%	99%	98%	96%	93%	90%	86%	80%	75%	69%	62%	54%	46%	37%	28%	19%	11%	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°
589	586	579	567	551	529	504	474	441	404	363	318	269	219	166	114	64	21	1	0
100%	99%	98%	96%	94%	90%	86%	81%	75%	69%	62%	54%	46%	37%	28%	19%	11%	4%	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°
589	584	578	567	549	530	504	474	440	404	362	317	269	218	165	113	64	21	0	0
100%	99%	98%	96%	93%	90%	86%	80%	75%	69%	62%	54%	46%	37%	28%	19%	11%	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°
589	586	579	567	551	529	504	474	441	404	363	318	269	219	166	114	64	21	1	0
100%	99%	98%	96%	94%	90%	86%	81%	75%	69%	62%	54%	46%	37%	28%	19%	11%	4%	0%	0%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
114,9°	161,1°	171,7°	78,8%	53,2%

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

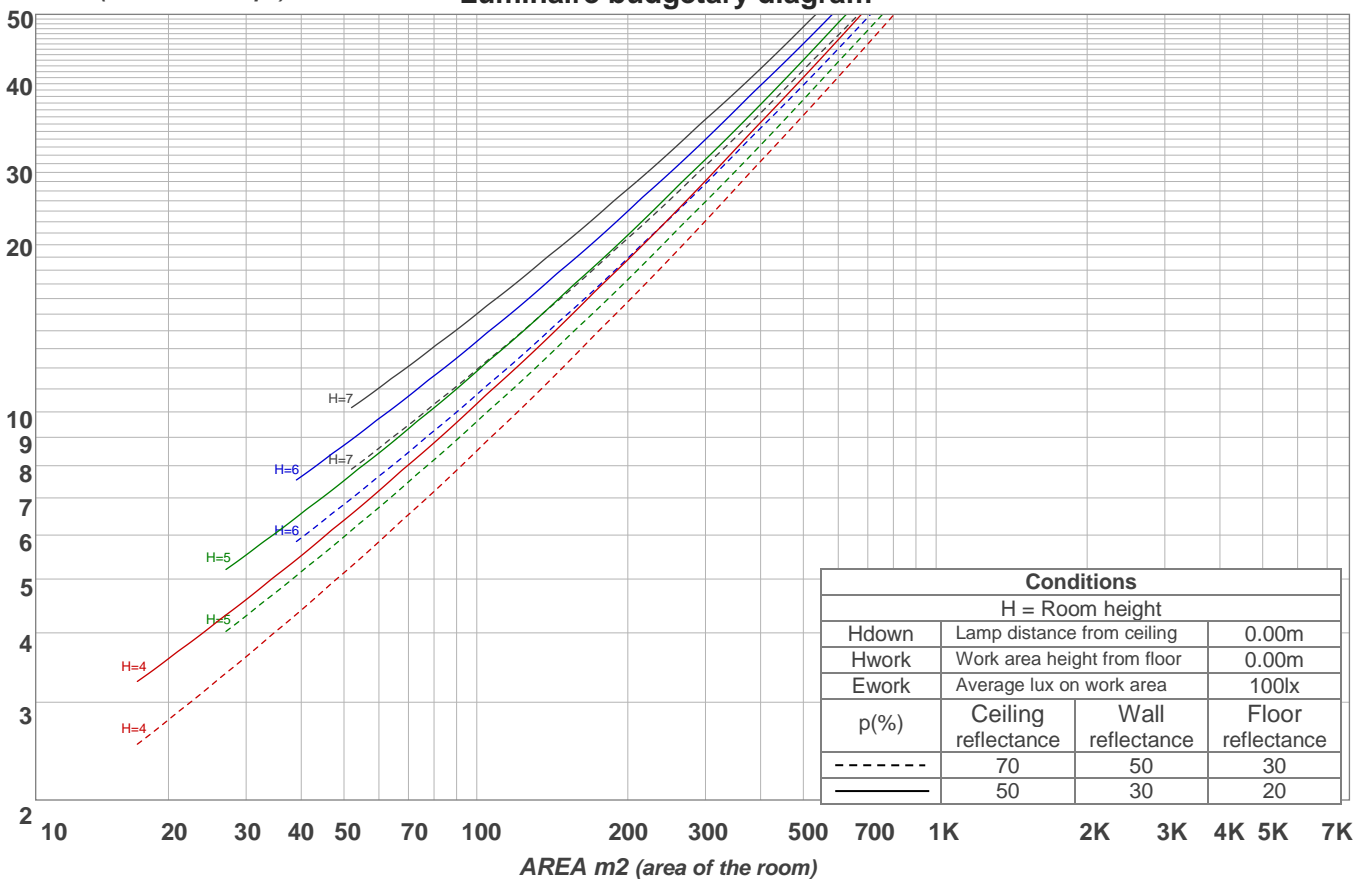
Light planning

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
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	109	104	100	96	106	102	98	94	97	94	91	93	91	88	90	88	86	84			
2	99	90	84	78	96	89	82	77	85	80	75	82	77	73	79	75	72	70			
3	90	79	71	65	87	78	70	64	75	68	63	72	66	62	69	65	61	58			
4	82	70	61	55	80	69	61	54	66	59	53	64	58	53	62	56	52	50			
5	76	63	54	47	73	61	53	47	59	52	46	57	51	45	55	50	45	43			
6	70	56	47	41	68	55	47	41	53	46	40	52	45	40	50	44	39	37			
7	65	51	42	36	63	50	42	36	49	41	36	47	40	35	46	40	35	33			
8	60	46	38	32	59	46	38	32	44	37	32	43	36	31	42	36	31	29			
9	56	43	34	29	55	42	34	29	41	34	29	40	33	28	39	33	28	26			
10	53	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30	26	24			

LAMPS (number of lamps)

Luminaire budgetary diagram

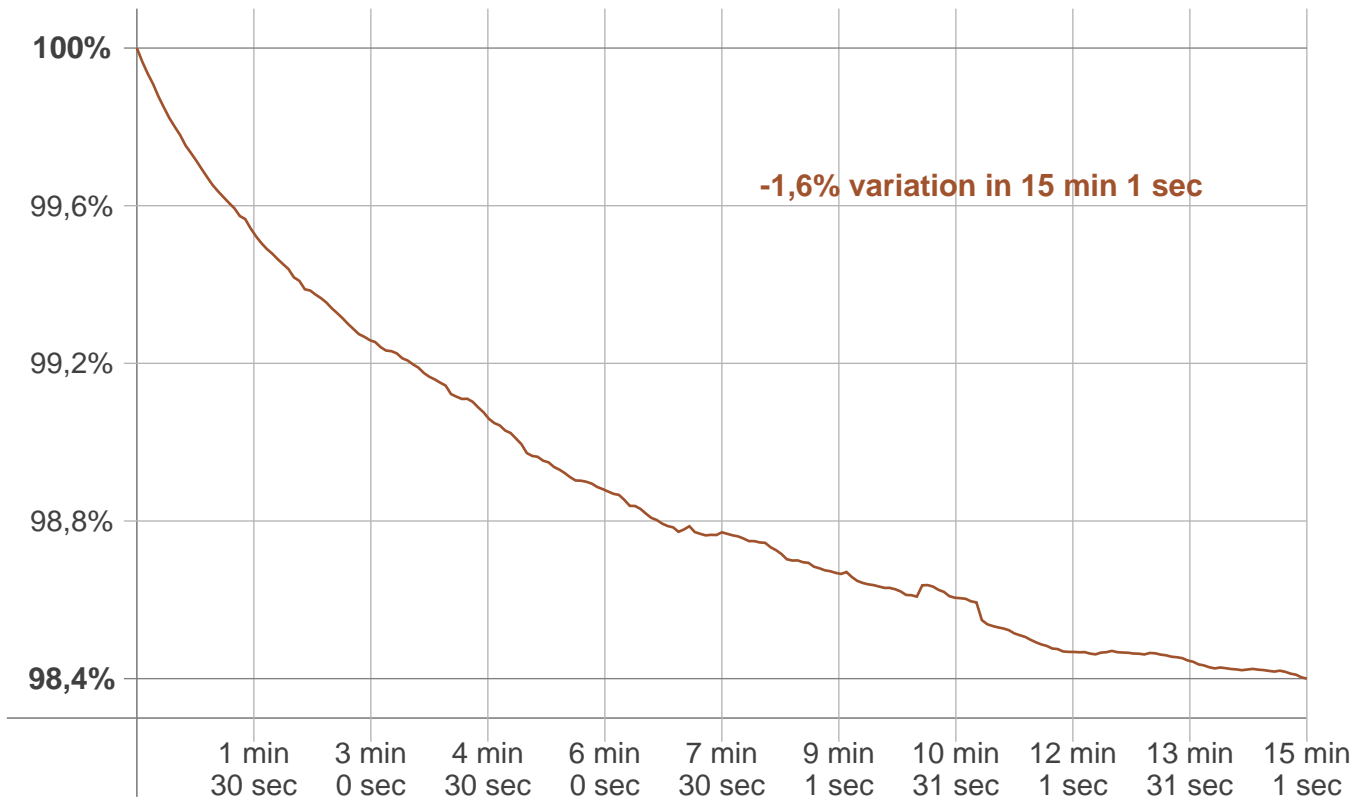


Zonal Lumen Summary

0°-10°	10°-20°	20°-30°	30°-40°	40°-50°	50°-60°	60°-70°	70°-80°	80°-90°
55,7 lm	160 lm	244 lm	297 lm	311 lm	283 lm	216 lm	120 lm	26,6 lm
90°-100°	100°-110°	110°-120°	120°-130°	130°-140°	140°-150°	150°-160°	160°-170°	170°-180°
0,135 lm	0,147 lm	0,191 lm	0,210 lm	0,210 lm	0,185 lm	0,145 lm	0,094 lm	0,032 lm

Stabilization

Warmup curve



Warmup result

Warmup time:	15 min 1 sec
Warmup variation	-1,6%

Warmup conditions

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

Color temperature change

CCT start	CCT change	CCT end
2905 K	+6 K	2911 K

Output change

Output start	Output change	Output end
1741 lm	-26 lm	1715 lm