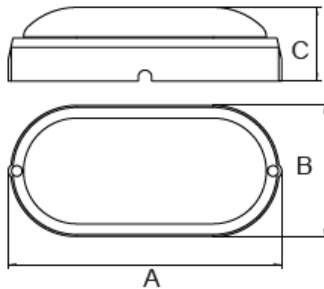




Dimensiones (mm)

**Largo (A): 205; Ancho (B): 86
Alto (C): 58.**



Código

WL347

Descripción

Luminaria tipo aplique, diseñada con módulos de LED. Para un montaje de sobreponer en pared. Difusor en policarbonato opal.



Materiales y acabado

Cuerpo en plástico inyectado.

Color

Blanco.

Características técnicas

LED	 124°	 30,000h	IP 65
PF 0,61	°C -20- 40	V 100-130	IK 08

Fuente de luz

Módulos de LED.

Potencia Nominal	CRI	K	Lm / W	Lm de Salida
12W	>80	6500	84	928

Características de fuente de luz

- Colores temperatura disponible 6500K (luz fría).
- Potencia de Salida: 12W.

Light efficiency:



Light quality:



Color temperature:



Output: 928 lm

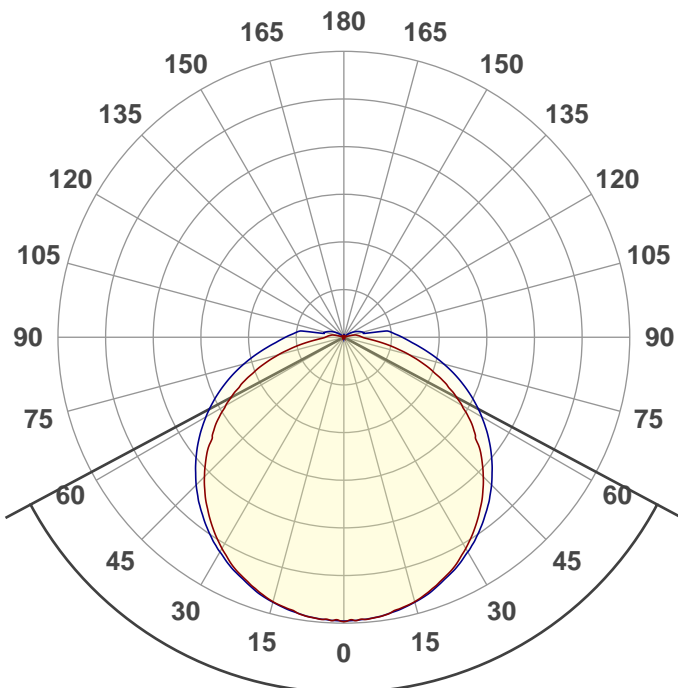
Peak: 257 cd

Power: 11,0 W

PF: 0,61



Product name:
E0480-WL347-12W



Beam angle **123,8°**



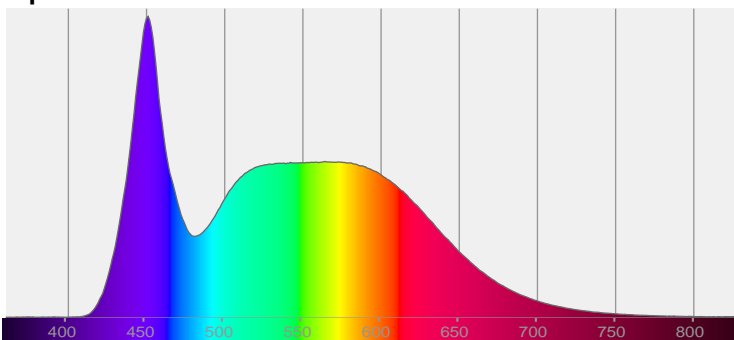
CIE 1931
x: 0,316
y: 0,333

THD Values:

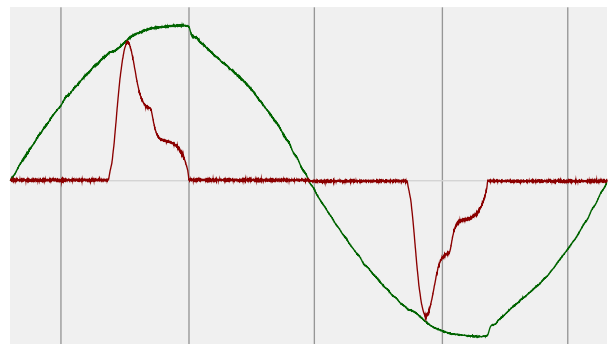
Voltage: 2,57%

Current: 124,84%

Spectra



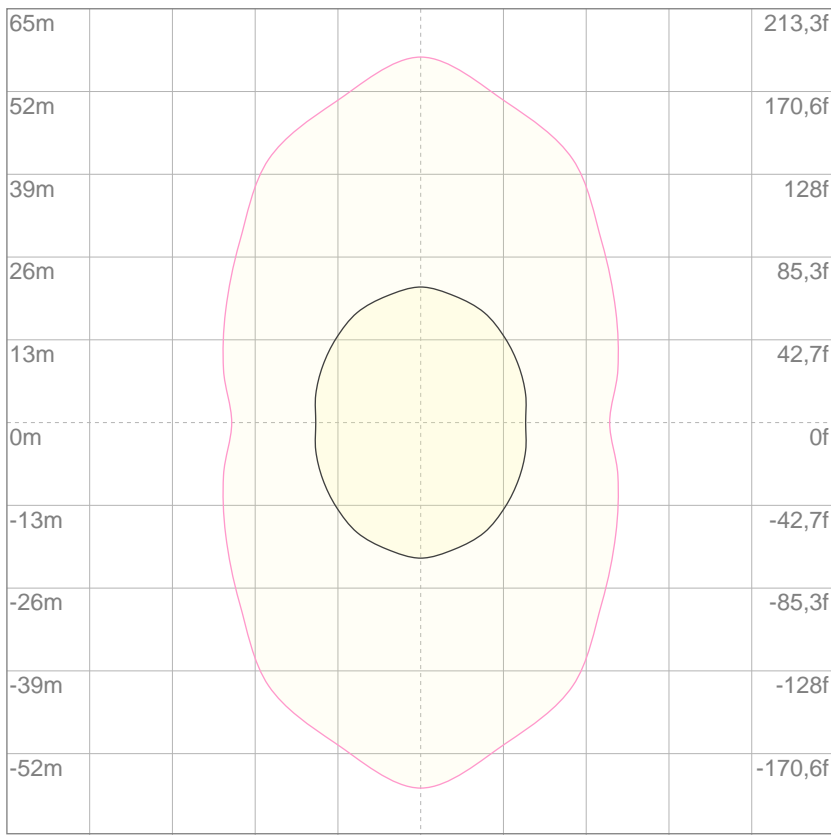
Power



Voltage: 118 V
Current: 0,154 A
Frequency: 60 Hz

ISO Diagrams

ISO lux diagram



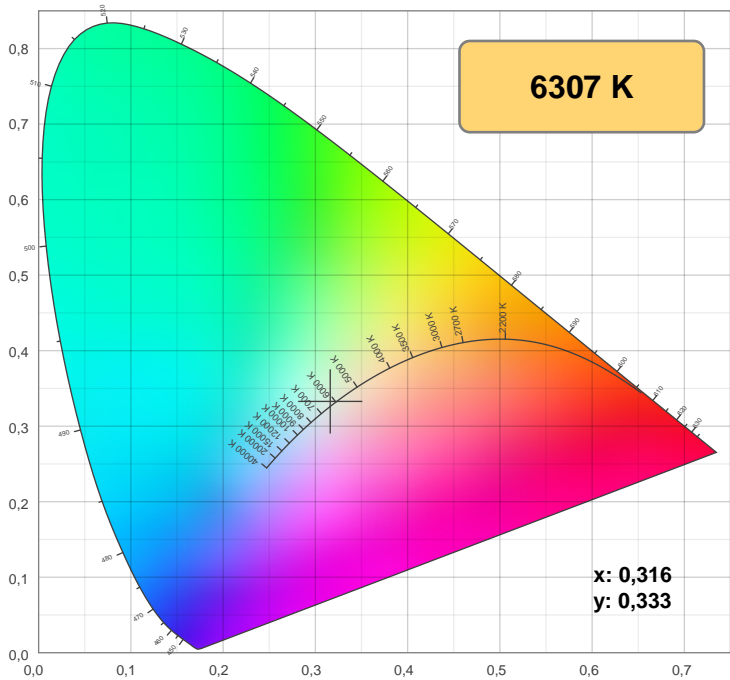
3%	77,0m lx
5%	0,128 lx
10%	0,257 lx
30%	0,770 lx
50%	1,28 lx

Conditions:
 Number of c-planes: 12
 Lux at center: 2,57 lx

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

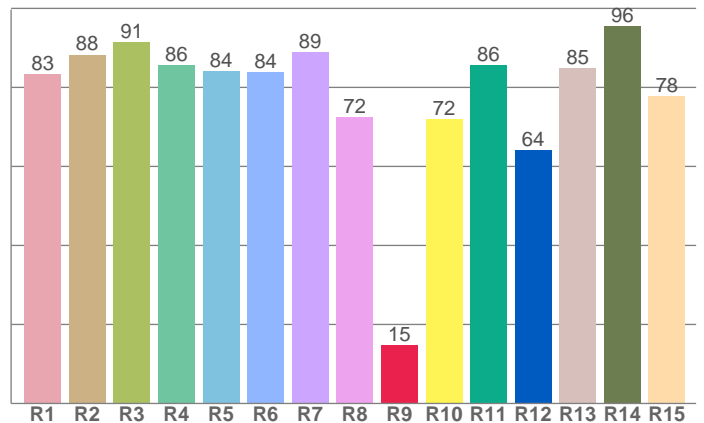
Mounting height: 10 meters (33 f)

Color details



CIE 1931

CRI: 84,8 (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
83,3	88,3	91,5	85,7	84,2	83,8	88,9	72,5	14,7	72,1	85,6	64,1	84,8	95,6	77,8

Color parameters

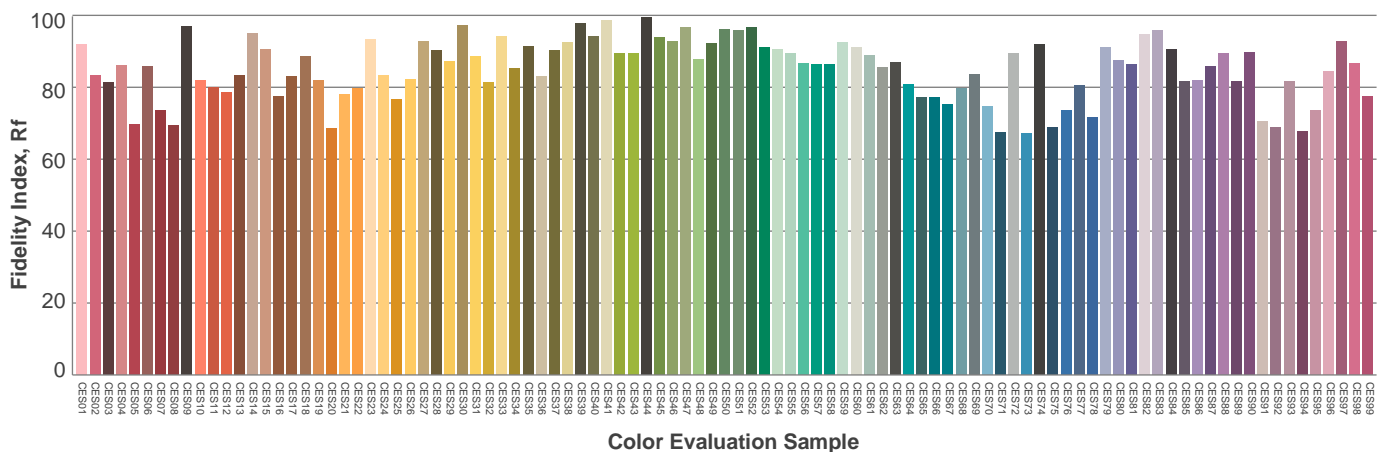
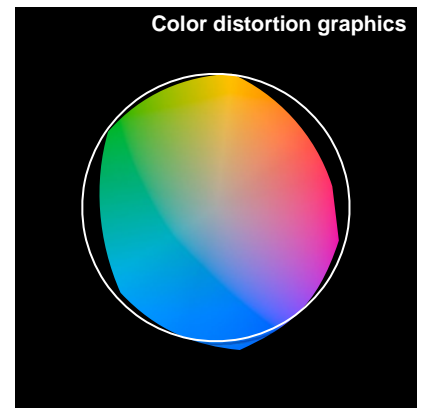
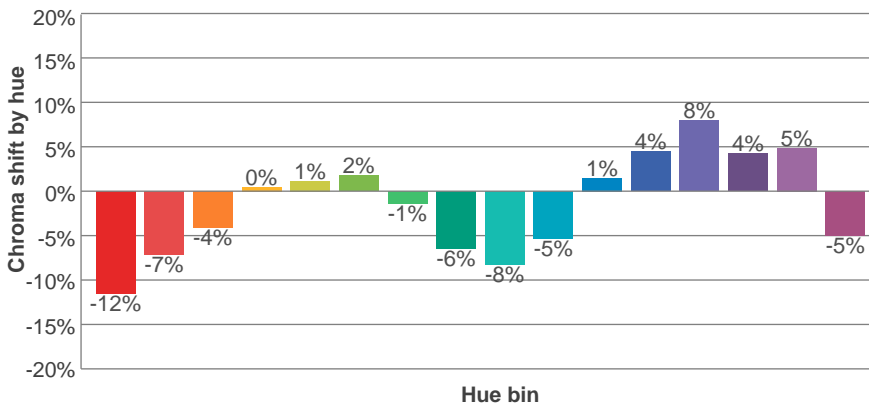
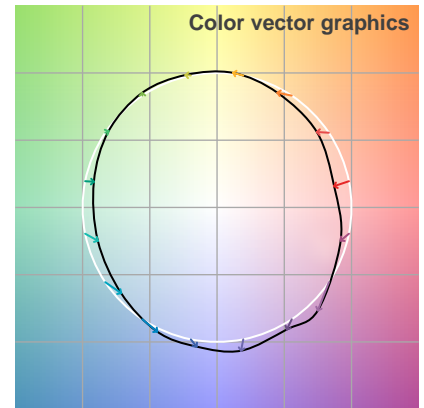
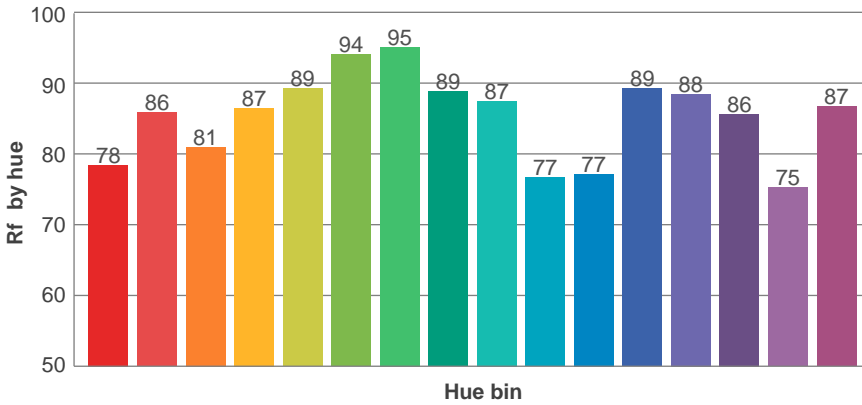
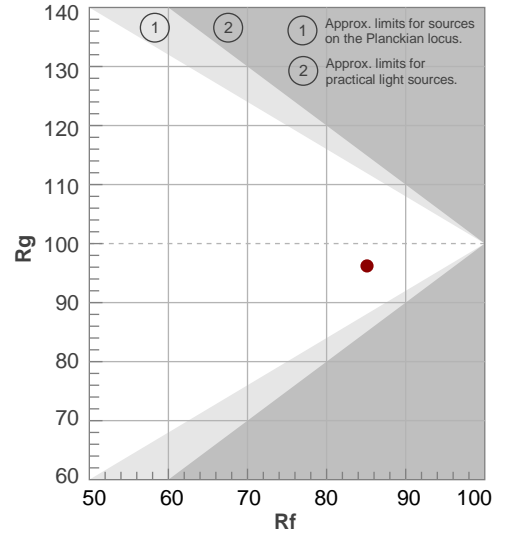
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Color coordinate cie 1931	Color coordinate cie 1931	Color coordinate	Color coordinate	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
6307 K	84,8	14,7	85,1	96,2	83,0	0,316	0,333	0,199	0,314	0,0002

TM-30 details

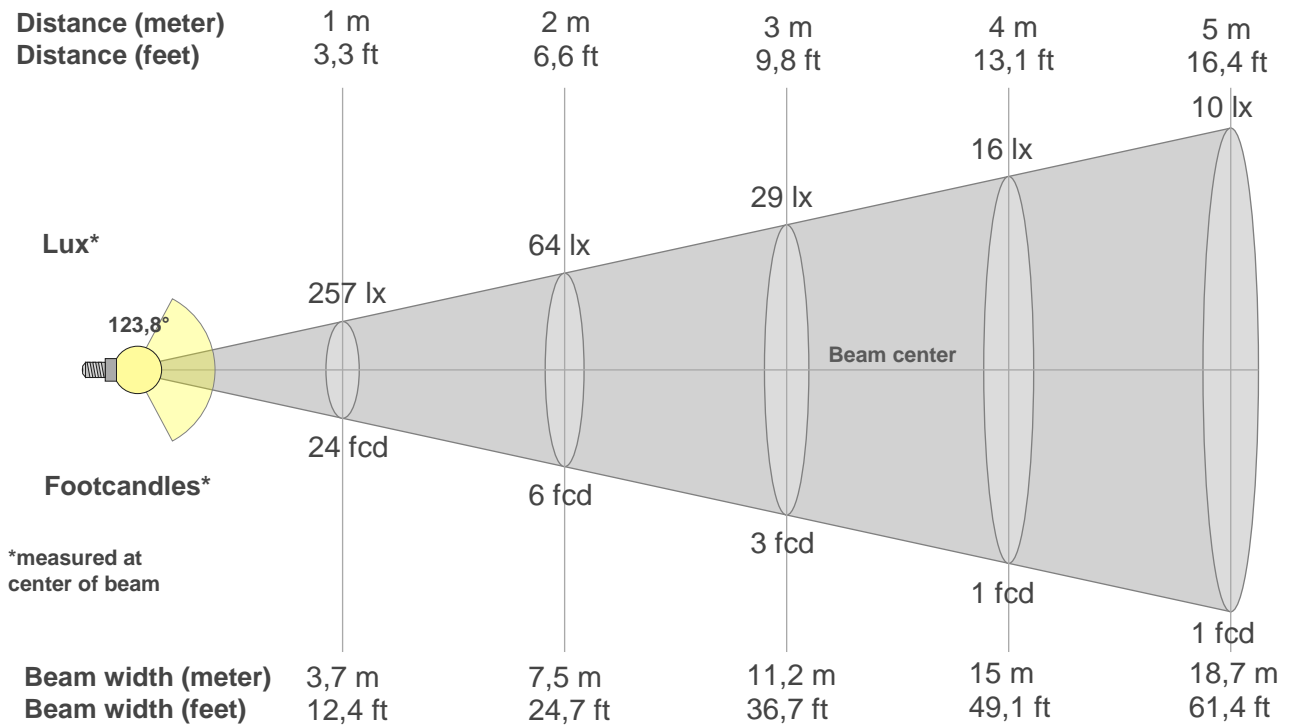
Rf 85,1
Fidelity index Rf

Rg 96,2
Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	78	-12%	-1%
2	86	-7%	5%
3	81	-4%	10%
4	87	0%	8%
5	89	1%	4%
6	94	2%	-1%
7	95	-1%	-2%
8	89	-6%	-1%
9	87	-8%	7%
10	77	-5%	13%
11	77	1%	14%
12	89	4%	5%
13	88	8%	-3%
14	86	4%	-7%
15	75	5%	-22%
16	87	-5%	-6%



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°	9°	18°	27°	36°	45°	54°	63°	72°	81°	90°	99°	108°	117°	126°	135°	144°	153°	162°	171°
257	254	244	228	205	179	146	112	74	38	17	12	1	0	0	0	0	0	0	0
100%	99%	95%	89%	80%	70%	57%	44%	29%	15%	7%	5%	0%	0%	0%	0%	0%	0%	0%	0%

Intensities in 90° c-plane

0°	9°	18°	27°	36°	45°	54°	63°	72°	81°	90°	99°	108°	117°	126°	135°	144°	153°	162°	171°
257	254	245	230	212	189	163	134	104	74	53	32	16	11	5	1	0	0	0	0
100%	99%	95%	90%	82%	74%	64%	52%	41%	29%	21%	12%	6%	4%	2%	0%	0%	0%	0%	0%

Intensities in 180° c-plane

0°	9°	18°	27°	36°	45°	54°	63°	72°	81°	90°	99°	108°	117°	126°	135°	144°	153°	162°	171°
257	254	244	228	205	179	146	112	74	38	17	12	1	0	0	0	0	0	0	0
100%	99%	95%	89%	80%	70%	57%	44%	29%	15%	7%	5%	0%	0%	0%	0%	0%	0%	0%	0%

Intensities in 270° c-plane

0°	9°	18°	27°	36°	45°	54°	63°	72°	81°	90°	99°	108°	117°	126°	135°	144°	153°	162°	171°
257	254	245	230	212	189	163	134	104	74	53	32	16	11	5	1	0	0	0	0
100%	99%	95%	90%	82%	74%	64%	52%	41%	29%	21%	12%	6%	4%	2%	0%	0%	0%	0%	0%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
123,8°	194,4°	233,7°	65,9%	43,6%

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	21,1	22,3	21,5	22,8	23,1	21,7	22,9	22,0	23,3	23,7
	3H	22,8	24,1	23,3	24,5	24,8	23,8	25,1	24,3	25,5	25,8
	4H	23,6	24,8	24,1	25,2	25,6	24,9	26,1	25,4	26,5	26,9
	6H	24,3	25,4	24,7	25,8	26,3	26,2	27,2	26,6	27,6	28,1
	8H	24,6	25,6	25,0	26,1	26,6	26,8	27,8	27,2	28,2	28,8
12H	24,8	25,9	25,3	26,3	26,9	27,4	28,5	27,9	28,9	29,5	
4H	2H	21,9	23,1	22,4	23,5	23,9	22,4	23,6	22,9	24,0	24,4
	3H	24,0	25,0	24,4	25,4	26,0	24,8	25,9	25,3	26,3	26,8
	4H	24,8	25,9	25,4	26,3	27,0	26,0	27,0	26,6	27,5	28,1
	6H	25,7	26,6	26,2	27,0	27,5	27,4	28,3	27,9	28,7	29,2
	8H	26,0	26,8	26,6	27,3	27,8	28,1	28,9	28,7	29,4	29,9
12H	26,3	27,0	26,9	27,6	28,2	28,9	29,6	29,5	30,1	30,7	
8H	4H	25,4	26,2	26,0	26,7	27,2	26,4	27,2	27,0	27,7	28,2
	6H	26,5	27,2	27,1	27,7	28,4	28,0	28,7	28,6	29,3	29,9
	8H	27,1	27,6	27,7	28,3	29,0	29,0	29,5	29,6	30,1	30,9
	12H	27,6	28,0	28,2	28,7	29,4	30,0	30,5	30,7	31,1	31,8
12H	4H	25,6	26,2	26,1	26,8	27,4	26,5	27,2	27,0	27,7	28,3
	6H	26,8	27,4	27,4	28,0	28,7	28,2	28,8	28,8	29,4	30,1
	8H	27,4	27,9	28,1	28,5	29,2	29,2	29,7	29,8	30,3	31,0
Variation of the observer position for the luminaire distance S											
S = 1.0H	0,1 / -0,1					0,1 / -0,1					
S = 1.5H	0,1 / -0,1					0,1 / -0,1					
S = 2.0H	0,2 / -0,3					0,2 / -0,2					
Standard table	n/a					n/a					
Correction summand	n/a					n/a					
Corrected glare indices referring to 928 lm total luminous flux											

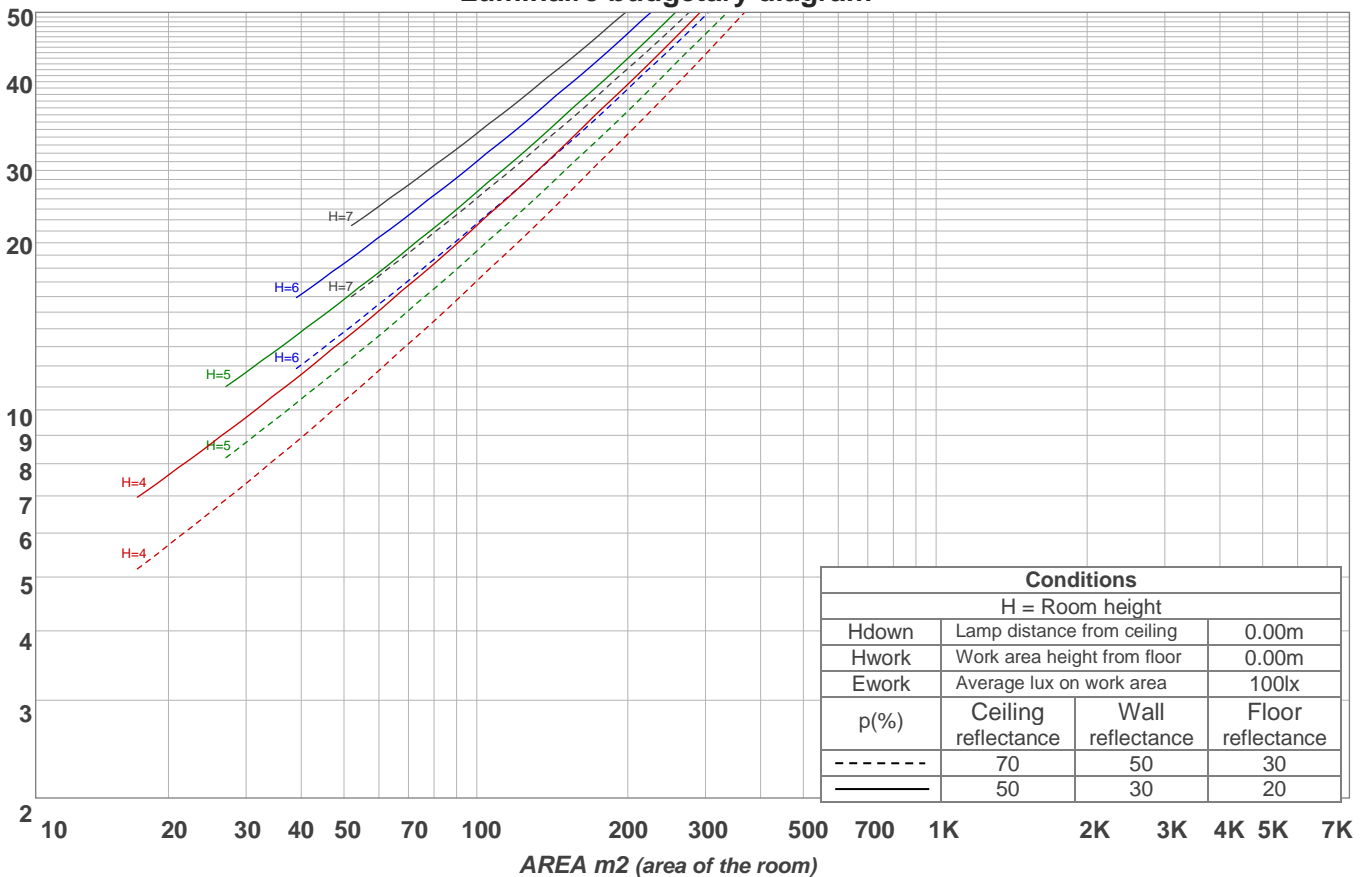
Light planning

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
RCR	(RCR: Room Cavity Ratio)																			
	Room Values are expressed as percentage of Lumens delivered to the task surface																			
0	117	117	117	117	114	114	114	114	107	107	107	101	101	101	96	96	96	93		
1	105	99	94	90	102	96	92	88	91	87	84	86	83	80	81	79	76	74		
2	95	86	78	72	91	83	76	70	78	72	67	74	69	65	70	66	62	60		
3	86	74	66	59	83	72	64	58	68	61	56	65	59	54	61	56	52	49		
4	78	66	56	49	75	64	55	48	60	53	47	57	51	45	54	49	44	42		
5	72	58	49	42	69	57	48	41	54	46	40	51	44	39	48	43	38	36		
6	66	52	43	36	64	51	42	36	48	41	35	46	39	34	44	38	33	31		
7	61	47	38	32	59	46	38	31	44	36	31	42	35	30	40	34	29	27		
8	57	43	34	28	55	42	34	28	40	33	27	38	32	27	37	31	26	24		
9	53	39	31	25	51	39	31	25	37	30	25	35	29	24	34	28	24	22		
10	50	36	28	23	48	36	28	23	34	27	22	33	26	22	31	26	21	19		

LAMPS (number of lamps)

Luminaire budgetary diagram

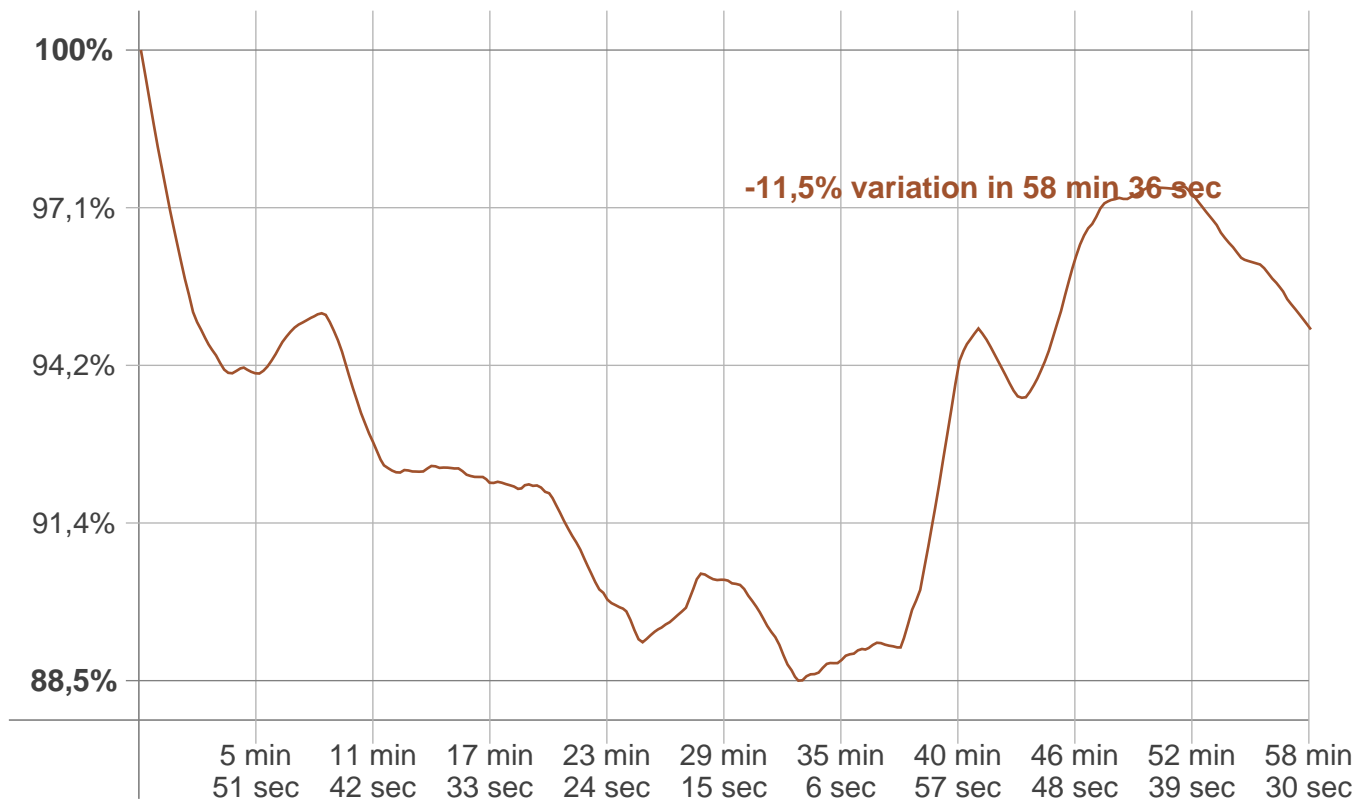


Zonal Lumen Summary

0°-10°	10°-20°	20°-30°	30°-40°	40°-50°	50°-60°	60°-70°	70°-80°	80°-90°
24,3 lm	70,0 lm	107 lm	132 lm	142 lm	136 lm	116 lm	84,5 lm	52,2 lm
90°-100°	100°-110°	110°-120°	120°-130°	130°-140°	140°-150°	150°-160°	160°-170°	170°-180°
33,5 lm	18,1 lm	8,64 lm	3,00 lm	0,412 lm	0,124 lm	0,095 lm	0,060 lm	0,021 lm

Stabilization

Warmup curve



Warmup result

Warmup time:	Not completed
Warmup variation	-11,7%

Warmup conditions

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

Color temperature change

CCT start	CCT change	CCT end
6095 K	+212 K	6307 K

Output change

Output start	Output change	Output end
970 lm	-42 lm	928 lm