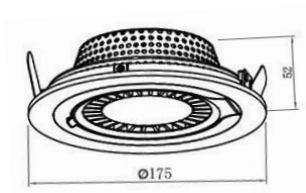




Dimensiones (mm)

Altura: 52
Diámetro: Ø175.



Código

KT6347-A

Descripción

Luminaria tipo bala, diseñada con módulo de LED. Para empotrar al techo por medio de sujetadores ubicados en los laterales. Compuesta con un disipador en aluminio.



Materiales y acabado

Sujetadores y resortes en hierro con acabado galvanizado. Cuerpo y aro en aluminio inyectado, con acabado en pintura poliéster electrostática en polvo a prueba de radiación UV.

Color

Blanco.

Características técnicas

LED	 23°	 30,000h	IP 20	IK 04
PF 0,97	THD <10%	°C 0-55	V 120-240	Hz 50/60

Fuente de luz

Bala con módulo de LED.

Potencia Nominal	CRI	K	Lm / W	Lm de Salida
------------------	-----	---	--------	--------------

28W	>80	3000	67	1658
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Características de fuente de luz

- Color temperatura disponible 3000K (cálido).
- Marca LED: OSRAM.
- Potencia de Salida: 24,9W.

Light efficiency:



Light quality:



Color temperature:



Output: 1658 lm

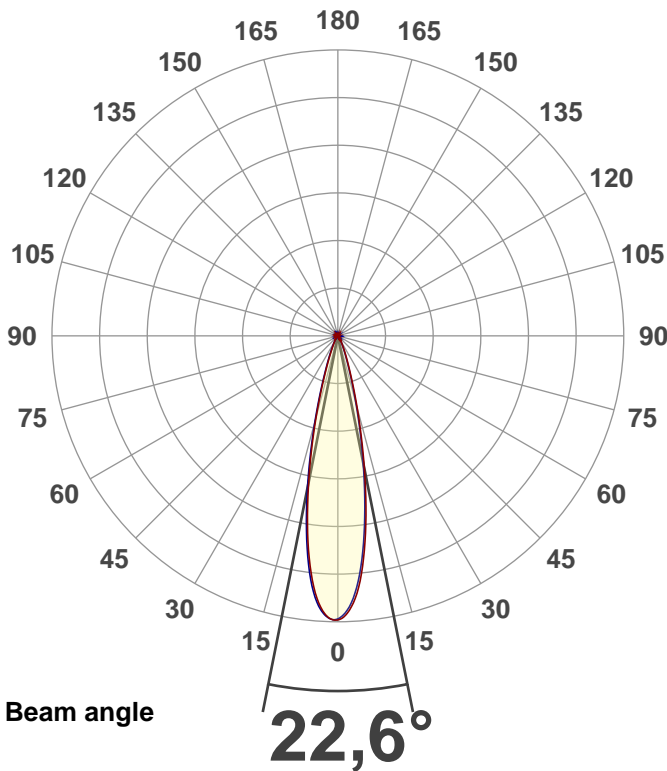
Peak: 8334 cd

Power: 24,9 W

PF: 0,97



Product name:
E0254-KT6347A



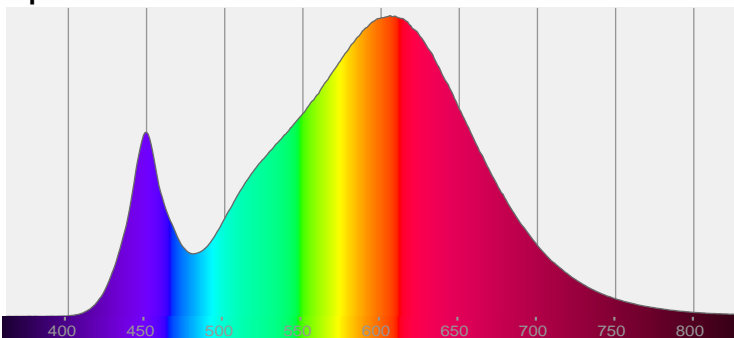
CIE 1931
x: 0,425
y: 0,392

THD Values:

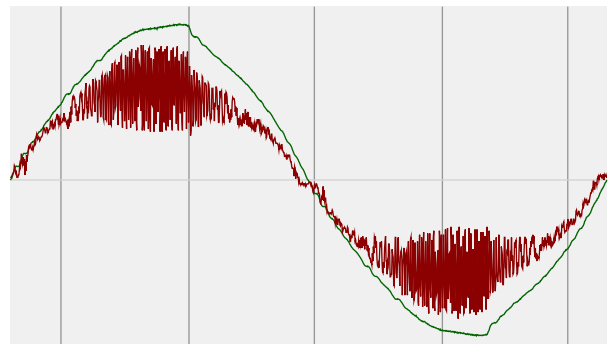
Voltage: 2,56%

Current: 7,62%

Spectra

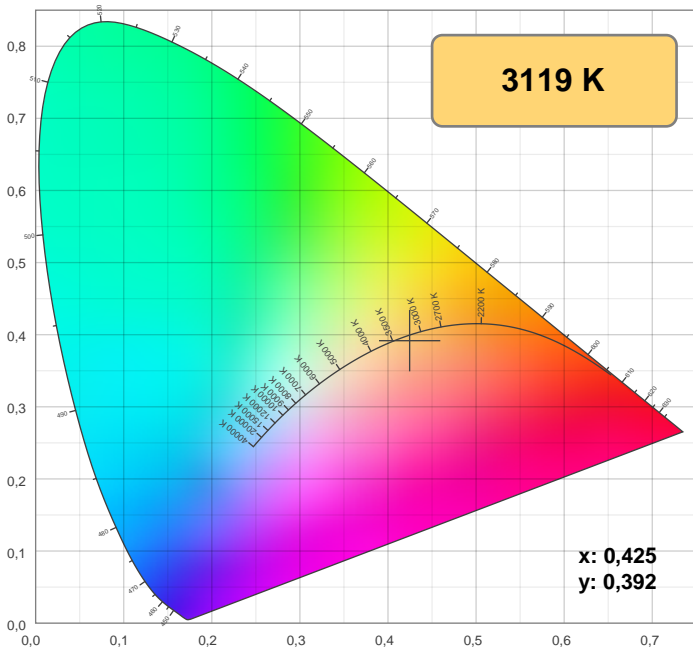


Power



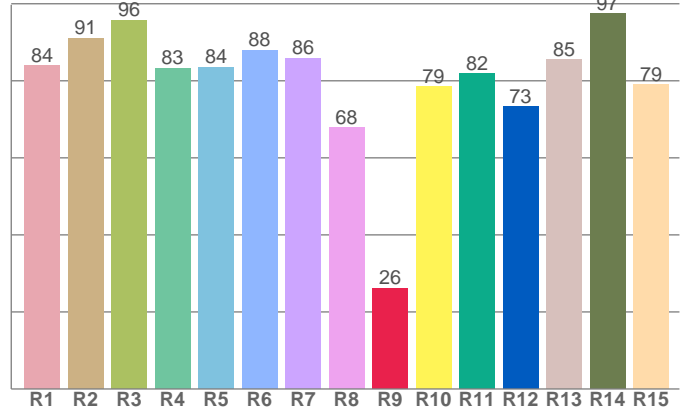
Voltage: 116 V
Current: 0,222 A
Frequency: 60,1 Hz

Color details



CIE 1931

CRI: 84,9 (R1-R8)

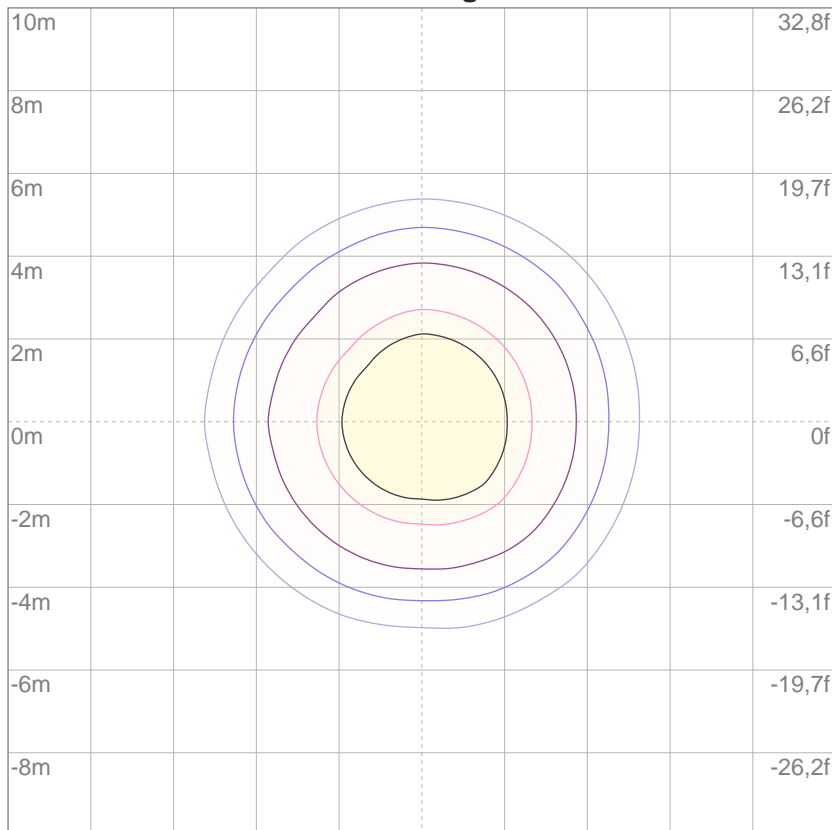


CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	9	R10	R11	R12	R13	R14	R15
83,9	91,1	95,7	83,3	83,5	87,9	85,9	67,9	26,2	78,5	81,8	73,3	85,5	97,5	79,0

ISO Diagrams

ISO lux diagram



Mounting height: 10 meters (33 f)

3%	2,49 lx
5%	4,15 lx
10%	8,30 lx
30%	24,9 lx
50%	41,5 lx

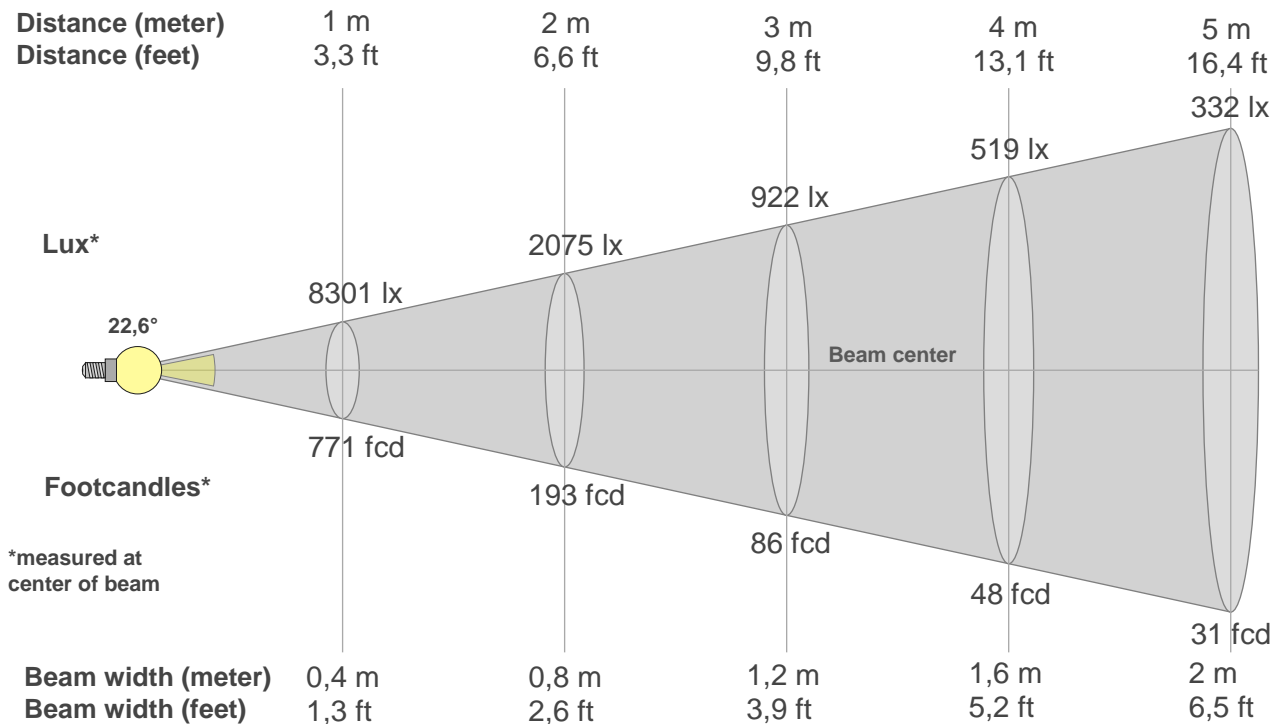
Conditions:

Number of c-planes: 8

Lux at center: 83,0 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
8301lx	2075lx	922lx	519lx	332lx	231lx	169lx	130lx	102lx	83lx	69lx	58lx	49lx	42lx	37lx	32lx	29lx	26lx	23lx	21lx
771,2fc	192,8fc	85,7fcd	48,2fcd	30,8fcd	21,4fcd	15,7fcd	12fcd	9,5fcd	7,7fcd	6,4fcd	5,4fcd	4,6fcd	3,9fcd	3,4fcd	3fcd	2,7fcd	2,4fcd	2,1fcd	1,9fcd

Intensities in 0° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
8301	8110	7627	6833	5810	4686	3581	2606	1828	1256	885	635	454	325	238	184	153	131	115	102
100%	98%	92%	82%	70%	56%	43%	31%	22%	15%	11%	8%	5%	4%	3%	2%	2%	2%	1%	1%

Intensities in 90° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
8301	8022	7473	6638	5595	4481	3403	2447	1679	1131	771	535	375	271	203	162	136	117	103	92
100%	97%	90%	80%	67%	54%	41%	29%	20%	14%	9%	6%	5%	3%	2%	2%	2%	1%	1%	1%

Intensities in 180° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
8301	8231	7851	7162	6220	5100	3968	2921	2029	1358	914	627	441	321	241	190	156	133	115	102
100%	99%	95%	86%	75%	61%	48%	35%	24%	16%	11%	8%	5%	4%	3%	2%	2%	2%	1%	1%

Intensities in 270° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
8301	8244	7932	7312	6391	5291	4139	3065	2162	1478	1013	713	505	362	265	202	164	139	121	107
100%	99%	96%	88%	77%	64%	50%	37%	26%	18%	12%	9%	6%	4%	3%	2%	2%	2%	1%	1%

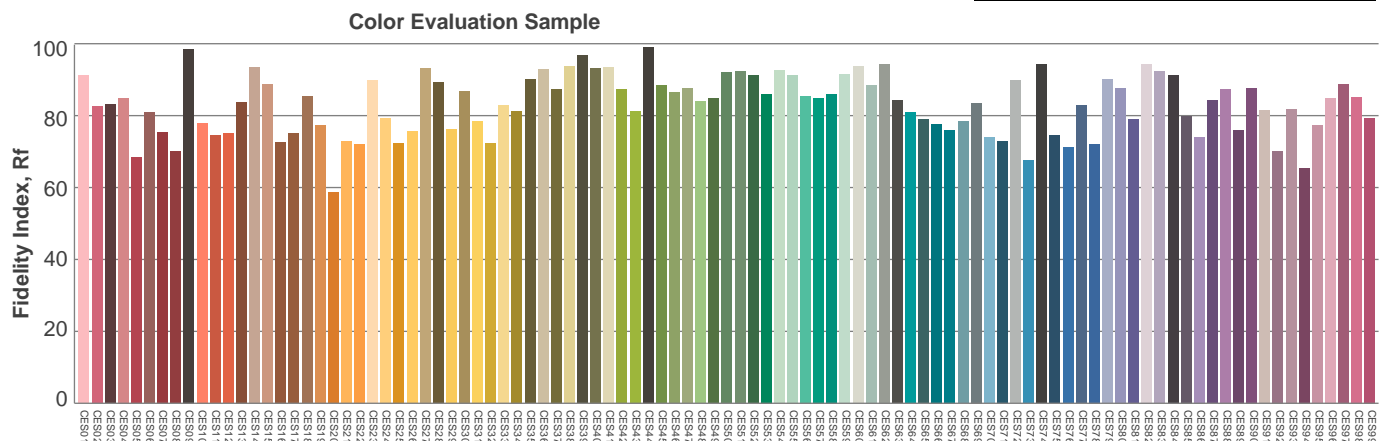
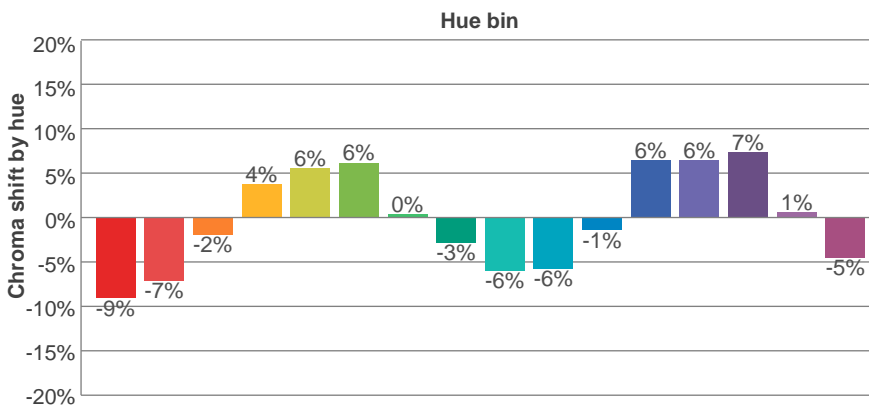
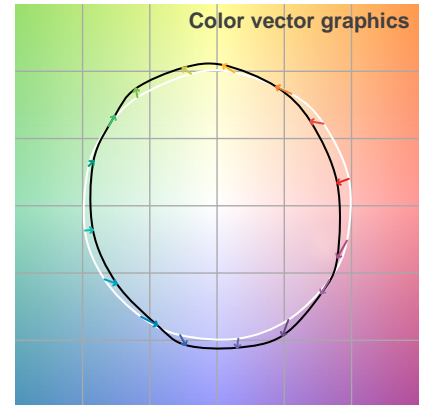
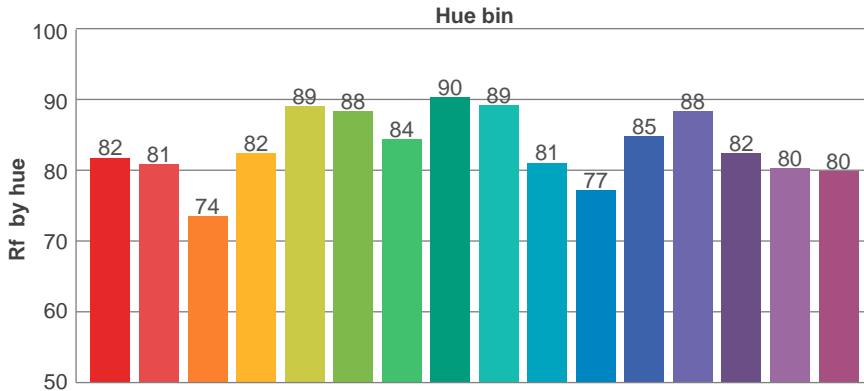
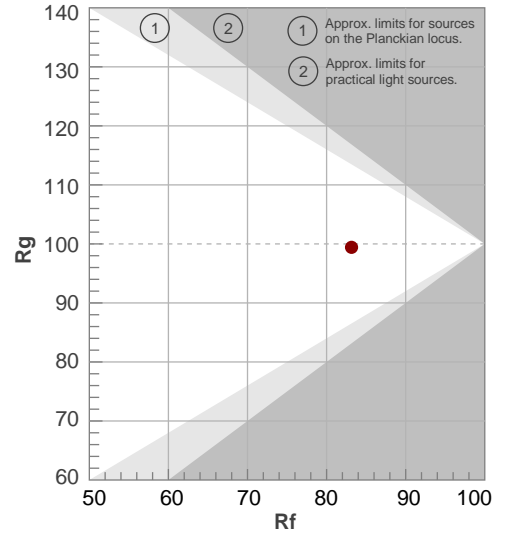
Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
22,6°	40,8°	57,9°	98,0%	94,7%

TM30 details

Rf 83,2
Fidelity index Rf

Rg 99,4
Gammut index Rg

Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	82	-9%	-1%
2	81	-7%	7%
3	74	-2%	12%
4	82	4%	9%
5	89	6%	5%
6	88	6%	-3%
7	84	0%	-9%
8	90	-3%	-4%
9	89	-6%	1%
10	81	-6%	8%
11	77	-1%	13%
12	85	6%	5%
13	88	6%	-2%
14	82	7%	-10%
15	80	1%	-12%
16	80	-5%	-14%



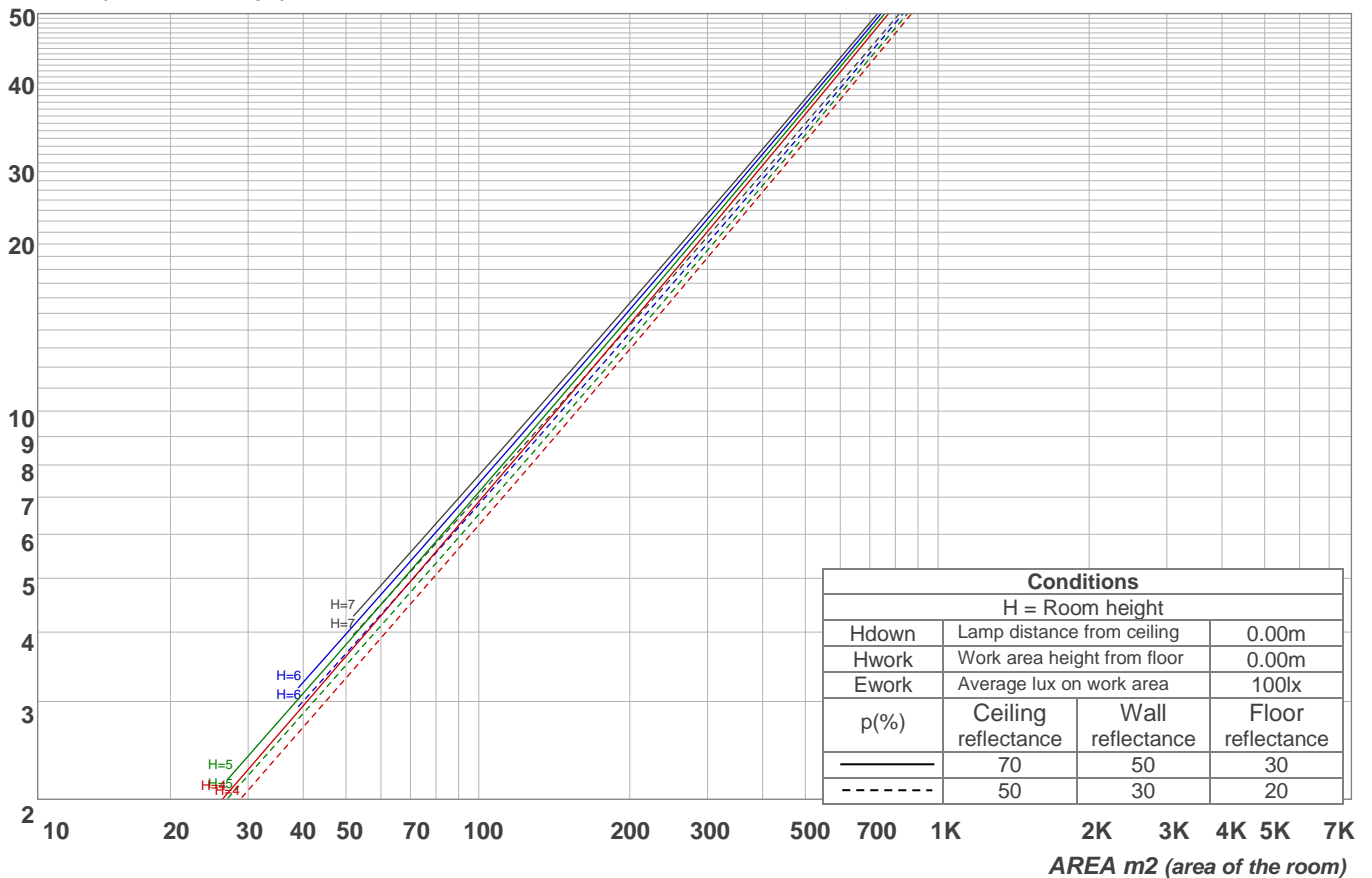
Light planning

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	115	112	110	108	112	110	108	107	106	105	103	102	101	100	99	98	97	96
2	110	106	103	101	108	105	102	99	102	99	97	99	97	95	96	95	93	92
3	107	101	98	94	105	100	97	94	98	95	92	95	93	91	93	91	89	88
4	103	97	93	90	101	96	92	89	94	91	88	92	89	87	90	88	86	85
5	100	93	89	86	98	93	88	85	91	87	85	89	86	84	88	85	83	82
6	97	90	86	82	95	89	85	82	88	84	82	87	84	81	86	83	81	79
7	94	87	83	80	93	86	82	79	85	82	79	84	81	79	83	80	78	77
8	91	84	80	77	90	84	80	77	83	79	77	82	79	76	81	78	76	75
9	89	82	78	75	88	81	77	75	81	77	74	80	77	74	79	76	74	73
10	87	80	75	73	86	79	75	73	79	75	72	78	75	72	77	74	72	71

LAMPS (number of lamps)

Luminaire budgetary diagram

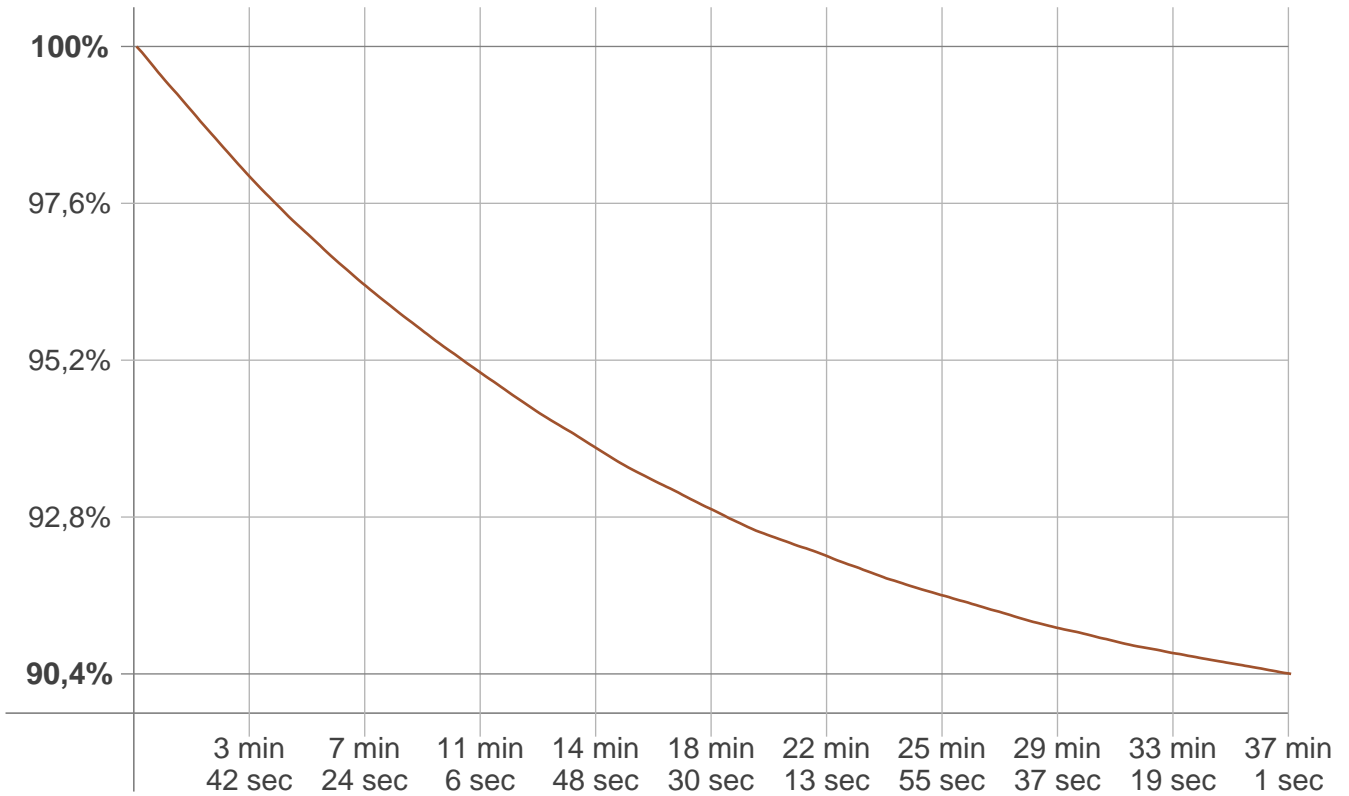


Zonal Lumen Summary

0°-10°	10°-20°	20°-30°	30°-40°	40°-50°	50°-60°	60°-70°	70°-80°	80°-90°
623 lm	651 lm	189 lm	78,0 lm	50,2 lm	33,2 lm	20,3 lm	9,30 lm	1,14 lm
90°-100°	100°-110°	110°-120°	120°-130°	130°-140°	140°-150°	150°-160°	160°-170°	170°-180°
0,284 lm	0,266 lm	0,269 lm	0,242 lm	0,225 lm	0,234 lm	0,238 lm	0,150 lm	0,033 lm

Stabilization

Warmup curve



Warmup result

Warmup time:	37 min 7 sec
Warmup variation	-9,6%

Warmup conditions

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

Color temperature change

CCT start	CCT change	CCT end
3144 K	-25 K	3119 K

Output change

Output start	Output change	Output end
1831 lm	-174 lm	1658 lm