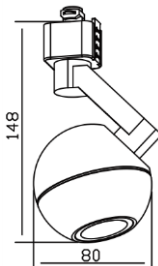




Dimensiones (mm)

Ancho: 80
Alto: 148.



Código

HKT8588

Descripción

Luminaria tipo spot, diseñada con COB de LED integrado. Compuesta por un óptico especular y un difusor transparente.




Materiales y acabado

Cuerpo en aluminio inyectado con acabado en pintura poliéster electrostática en polvo.

Color

Blanco.

Características técnicas

LED	 40°	 30,000h	IP 20	
PF 0,95	THD <30%	°C 0-55	V 120	

Fuente de luz

COB de LED.

Potencia Nominal	CRI	K	Lm / W	Lm de Salida
8W	>80	3000	103	789

Características de fuente de luz

- Color temperatura disponible 3000K (cálido).
- Potencia de Salida: 7,6W.

Light efficiency:



Light quality:



Color temperature:



Output: 789 lm

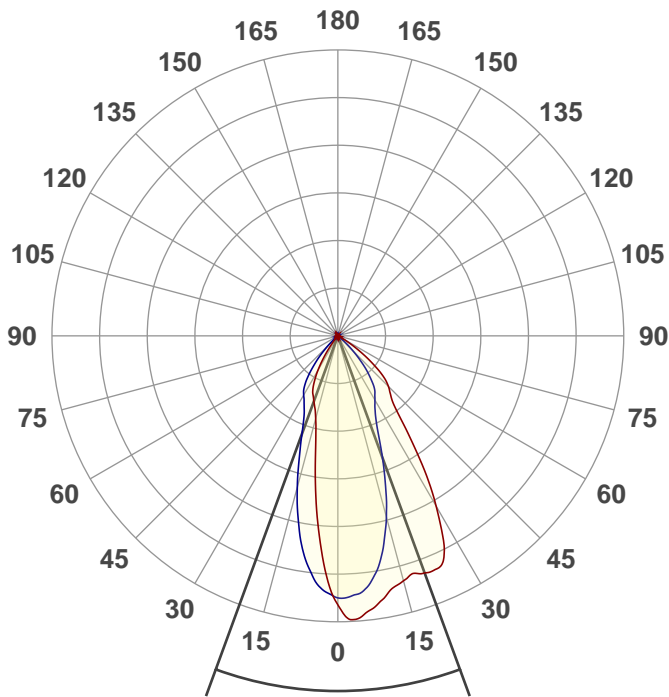
Peak: 1119 cd

Power: 7,6 W

PF: 0,95



Product name:
E0166-HKT8588



Beam angle

40,2°



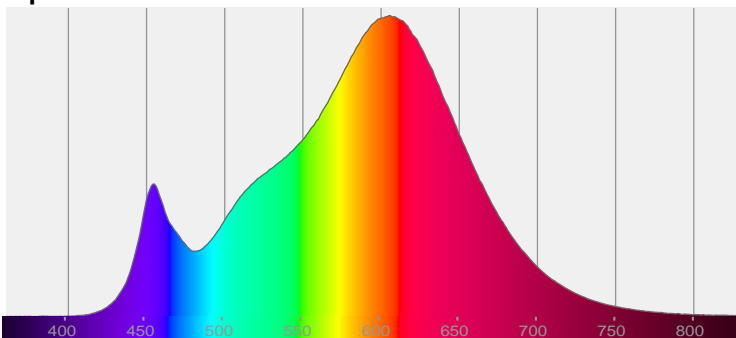
CIE 1931
x: 0,443
y: 0,409

THD Values:

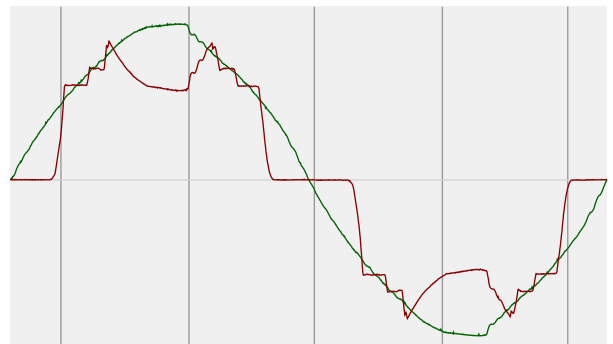
Voltage: 3,04%

Current: 29,29%

Spectra

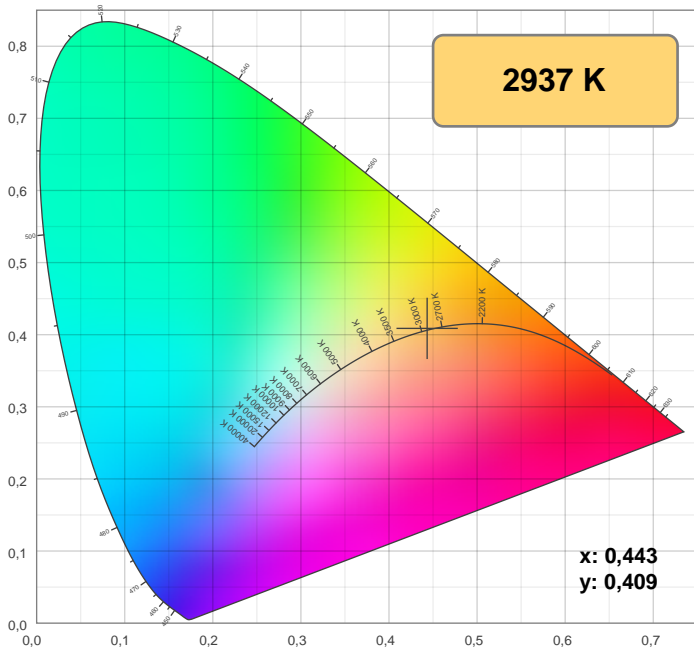


Power



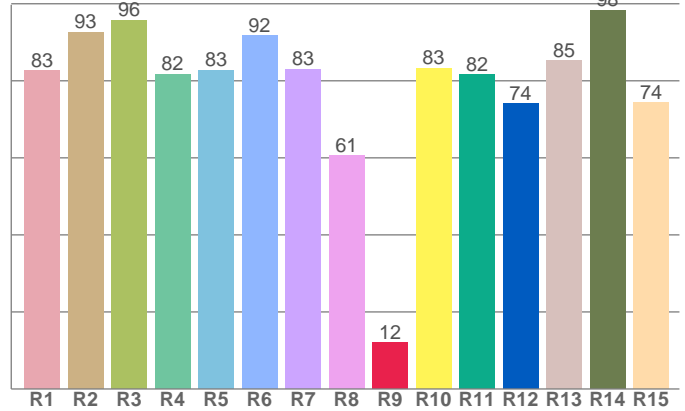
Voltage: 115 V
Current: 0,069 A
Frequency: 59,9 Hz

Color details



CIE 1931

CRI: 83,8 (R1-R8)

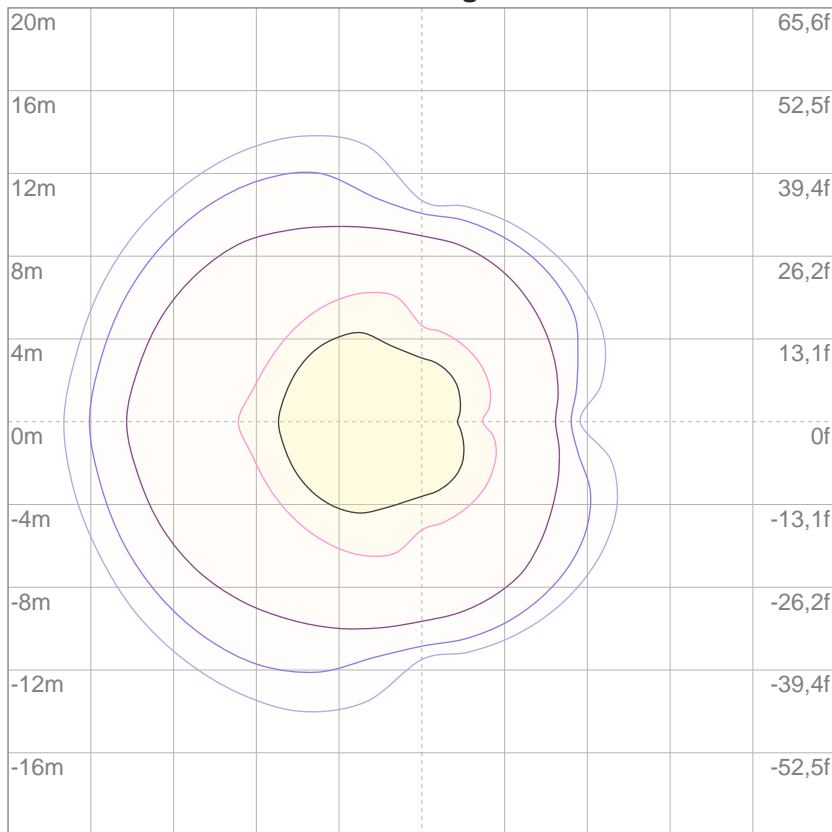


CRI R values, only R1-R8 are used to calculate final CRI value

R	R1	R2	R3	R4	R5	R6	R7	R8	9	R10	R11	R12	R13	R14	R15
Value	82,6	92,6	95,8	81,7	82,8	91,7	83,0	60,5	12,0	83,3	81,5	74,1	85,2	98,4	74,3

ISO Diagrams

ISO lux diagram



Mounting height: 10 meters (33 f)

3%	0,314 lx
5%	0,523 lx
10%	1,05 lx
30%	3,14 lx
50%	5,23 lx

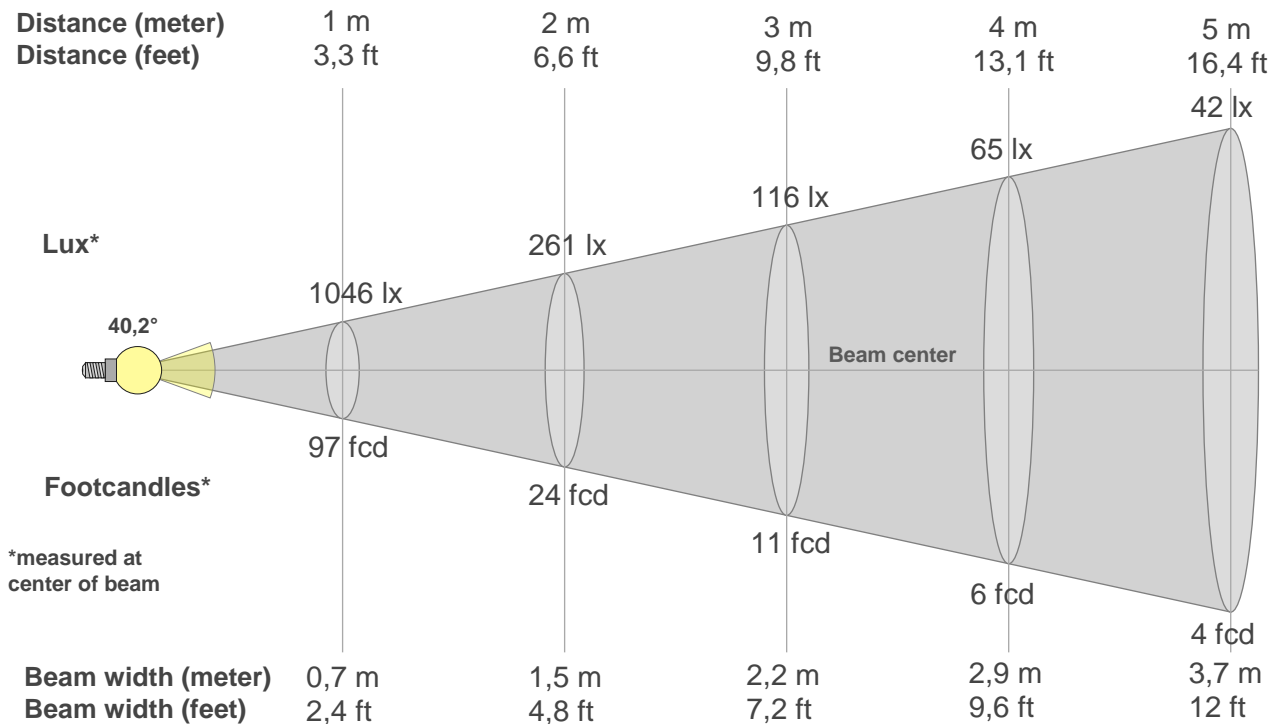
Conditions:

Number of c-planes: 4

Lux at center: 10,5 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
1046lx	261lx	116lx	65lx	42lx	29lx	21lx	16lx	13lx	10lx	9lx	7lx	6lx	5lx	5lx	4lx	4lx	3lx	3lx	3lx
97,1fcd	24,3fcd	10,8fcd	6,1fcd	3,9fcd	2,7fcd	2fcd	1,5fcd	1,2fcd	1fcd	0,8fcd	0,7fcd	0,6fcd	0,5fcd	0,4fcd	0,4fcd	0,3fcd	0,3fcd	0,3fcd	0,2fcd

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°
1046	1112	1117	1095	1075	1049	1020	1006	993	984	994	998	993	955	873	774	673	562	462	381
100%	106%	107%	105%	103%	100%	98%	96%	95%	94%	95%	95%	95%	91%	83%	74%	64%	54%	44%	36%

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°
1046	1032	1022	1006	970	922	857	779	696	603	516	434	373	336	311	292	275	260	237	205
100%	99%	98%	96%	93%	88%	82%	74%	67%	58%	49%	41%	36%	32%	30%	28%	26%	25%	23%	20%

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°
1046	984	871	748	627	512	418	358	320	295	276	258	244	220	190	158	121	84	50	28
100%	94%	83%	72%	60%	49%	40%	34%	31%	28%	26%	25%	23%	21%	18%	15%	12%	8%	5%	3%

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°
1046	1016	994	952	897	830	747	663	573	486	414	361	326	303	284	269	254	232	203	169
100%	97%	95%	91%	86%	79%	71%	63%	55%	46%	40%	34%	31%	29%	27%	26%	24%	22%	19%	16%

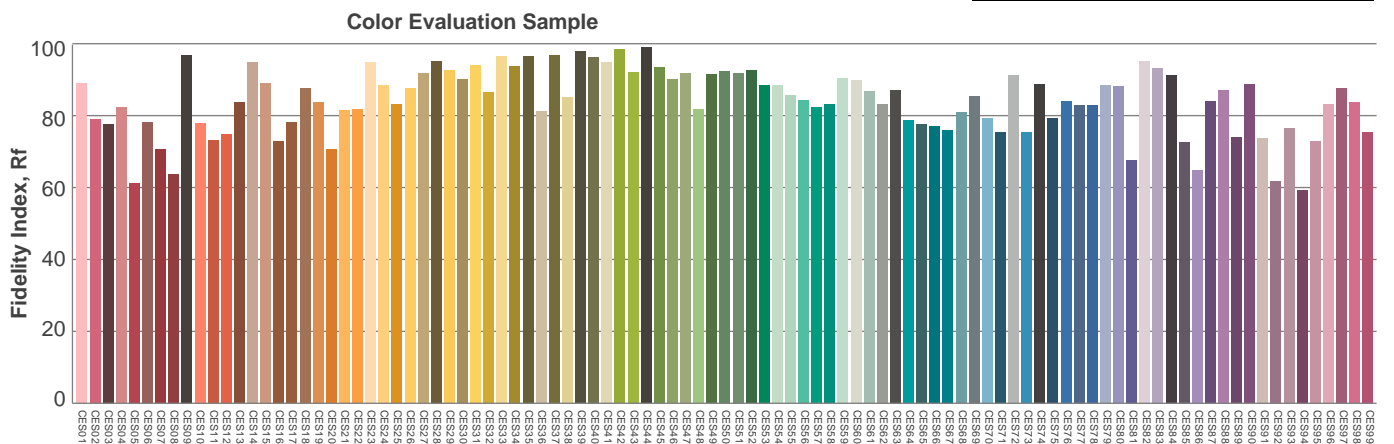
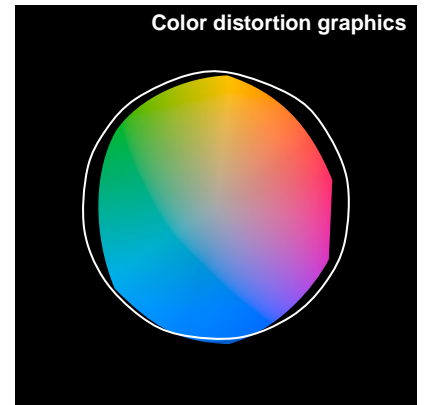
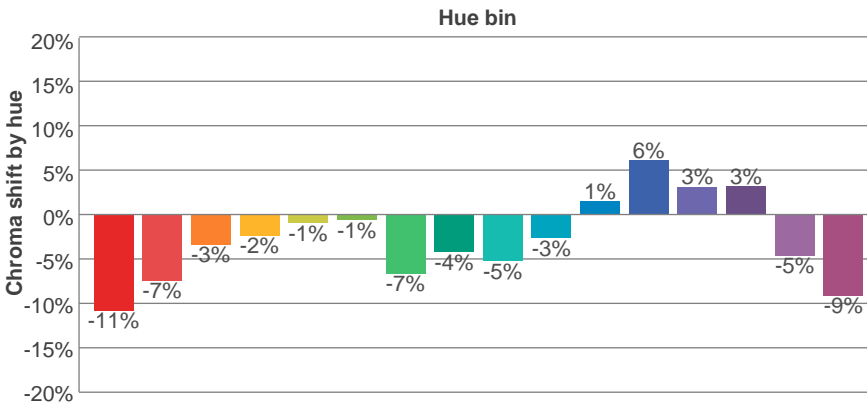
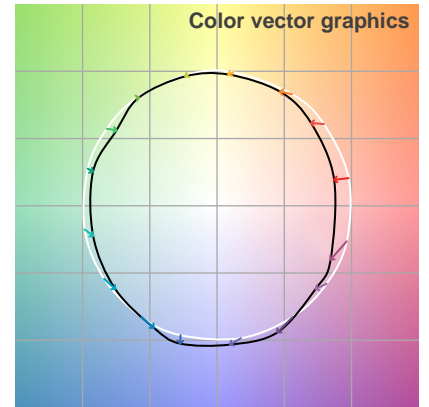
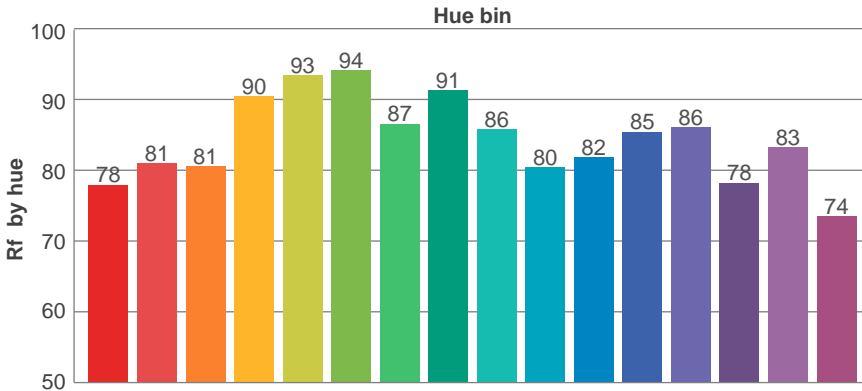
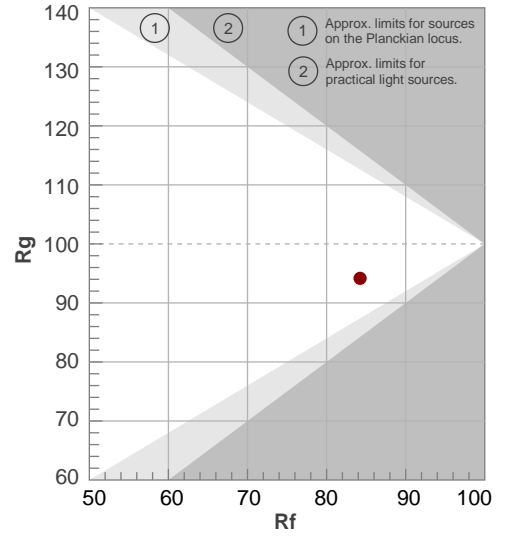
Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
40,2°	86,5°	97,9°	97,7%	89,0%

TM30 details

Rf 84,2
Fidelity index Rf

Rg 94,2
Gammut index Rg

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	78	-11%	1%
2	81	-7%	6%
3	81	-3%	8%
4	90	-2%	3%
5	93	-1%	2%
6	94	-1%	-2%
7	87	-7%	-3%
8	91	-4%	2%
9	86	-5%	6%
10	80	-3%	11%
11	82	1%	12%
12	85	6%	1%
13	86	3%	-9%
14	78	3%	-16%
15	83	-5%	-8%
16	74	-9%	-16%



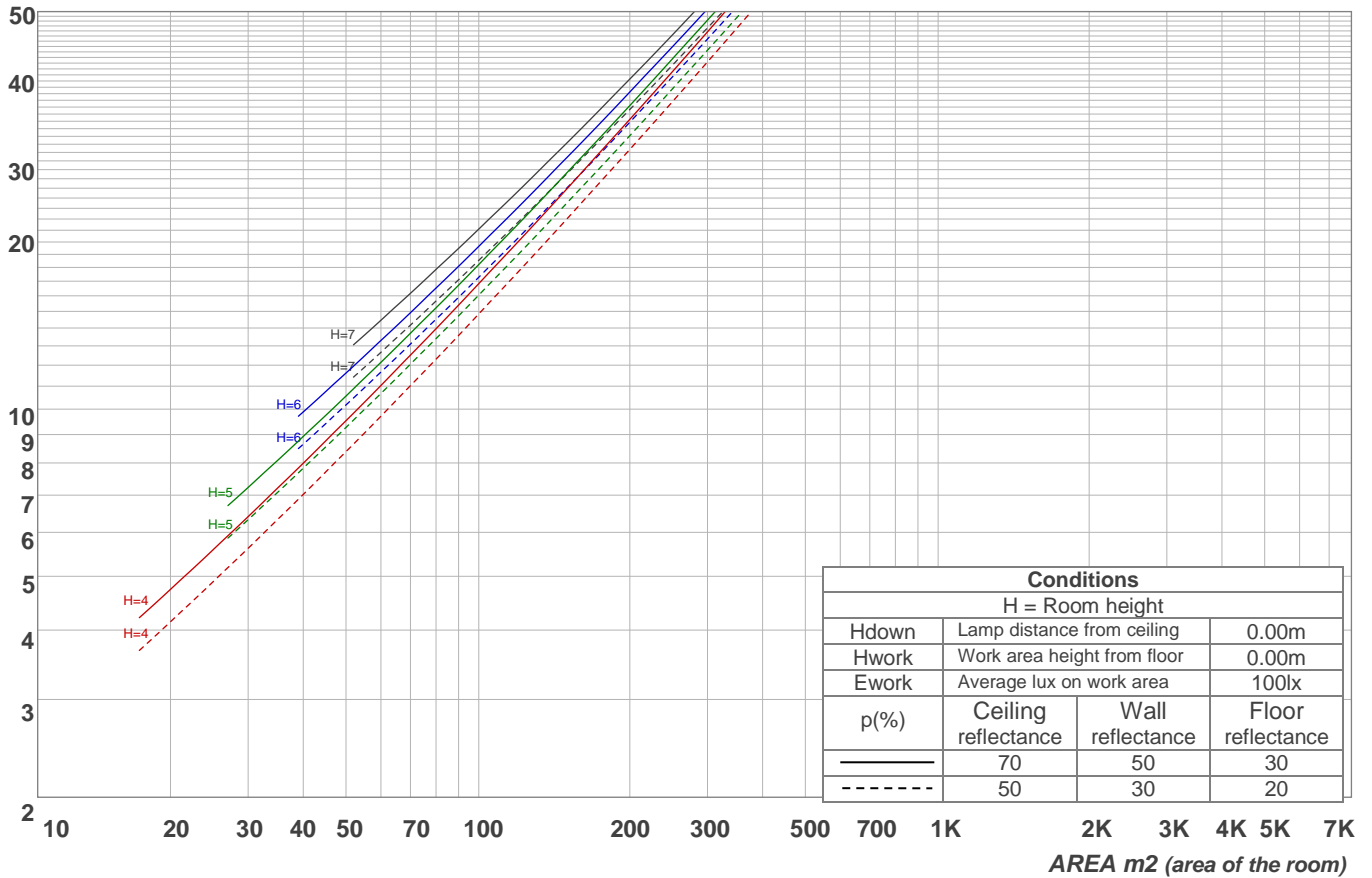
Light planning

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	113	110	107	105	110	108	105	103	104	102	100	100	98	97	96	95	94	92
2	107	101	97	93	104	100	96	92	96	93	90	93	91	88	90	88	86	85
3	101	94	88	84	99	92	87	83	90	85	82	87	84	81	85	82	79	78
4	95	87	81	76	93	86	80	76	84	79	75	81	77	74	80	76	73	72
5	90	81	75	70	88	80	74	70	78	73	69	76	72	68	75	71	68	66
6	85	75	69	64	83	75	69	64	73	68	64	72	67	63	70	66	63	61
7	81	71	64	60	79	70	64	59	69	63	59	67	62	59	66	62	58	57
8	76	66	60	56	75	66	60	55	65	59	55	63	59	55	62	58	55	53
9	73	62	56	52	71	62	56	52	61	55	52	60	55	51	59	55	51	50
10	69	59	53	49	68	58	53	49	58	52	48	57	52	48	56	51	48	47

LAMPS (number of lamps)

Luminaire budgetary diagram

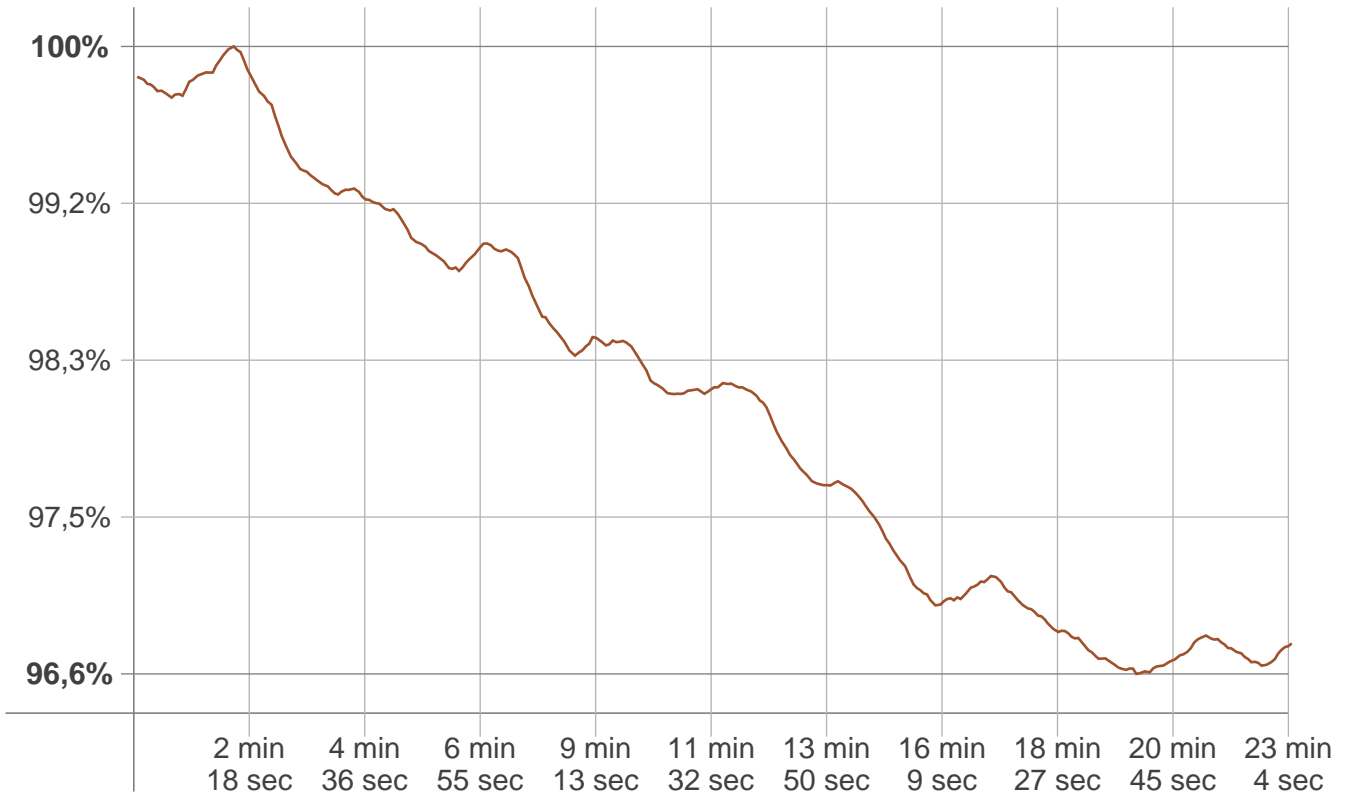


Zonal Lumen Summary

0°-10°	10°-20°	20°-30°	30°-40°	40°-50°	50°-60°	60°-70°	70°-80°	80°-90°
88,4 lm	188 lm	213 lm	163 lm	85,6 lm	33,5 lm	10,3 lm	5,23 lm	1,80 lm
90°-100°	100°-110°	110°-120°	120°-130°	130°-140°	140°-150°	150°-160°	160°-170°	170°-180°
0,393 lm	0,070 lm	0,064 lm	0,066 lm	0,069 lm	0,077 lm	0,069 lm	0,038 lm	0,009 lm

Stabilization

Warmup curve



Warmup result

Warmup time:	23 min 8 sec
Warmup variation	-3,4%

Warmup conditions

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

Color temperature change

CCT start	CCT change	CCT end
2930 K	+7 K	2937 K

Output change

Output start	Output change	Output end
813 lm	-24 lm	789 lm