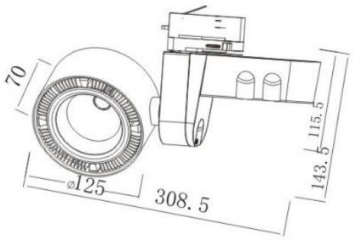
Luminaria para interior

Dimensiones (mm)

Largo: 308,5; **Ancho:** Ø125
Alto: 143,5.



Código

KTX8554

Descripción

Luminaria tipo spot, diseñada con COB de LED integrado. Compuesta por un óptico especular faceteado, un disipador en aluminio.

Materiales y acabado

Cuerpo en aluminio con acabado en pintura poliéster electroestática en polvo.

Color

Blanco.

Características técnicas

LED	23°	30,000h	IP 20
PF 0,76	THD <15%	°C 0-55	V 120-277	

Fuente de luz

COB de LED.

Potencia Nominal	CRI	K	Lm / W	Lm de Salida
26W	>80	3000	86	2529

Características de fuente de luz

- Color temperatura disponible 3000K (cálido).
- Chip y driver marca AREEK.
- Potencia de Salida: 29,3W.

Nota: Debido a continua investigación, nos reservamos el derecho de cambiar especificaciones sin previa notificación.

Light efficiency:

86 Lumen/Watt

Light quality:

CRI: 83,3

Color temperature:

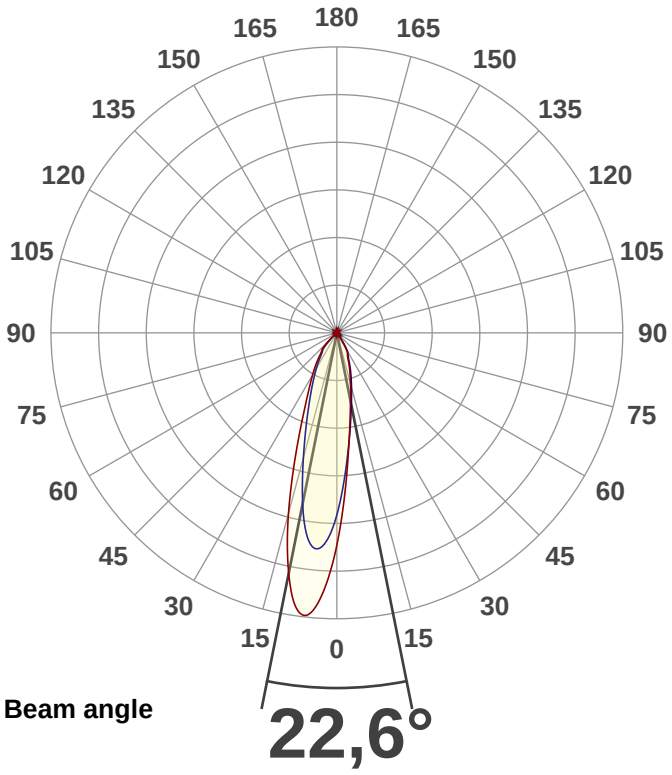
3226 K

Output: 2529 lm

Peak: 8563 cd

Power: 29,3 W

PF: 0,76



Beam angle

22,6°

Product name:

E0170-KTX8554

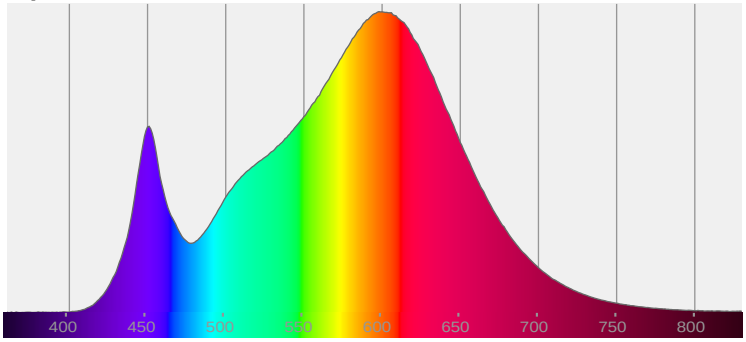
CIE 1931
x: 0,420
y: 0,395

THD Values:

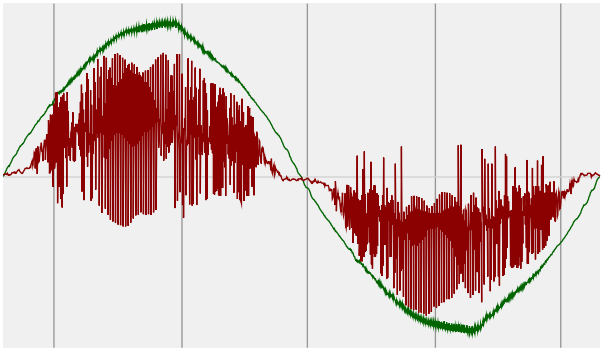
Voltage: 2,35%

Current: 12,93%

Spectra

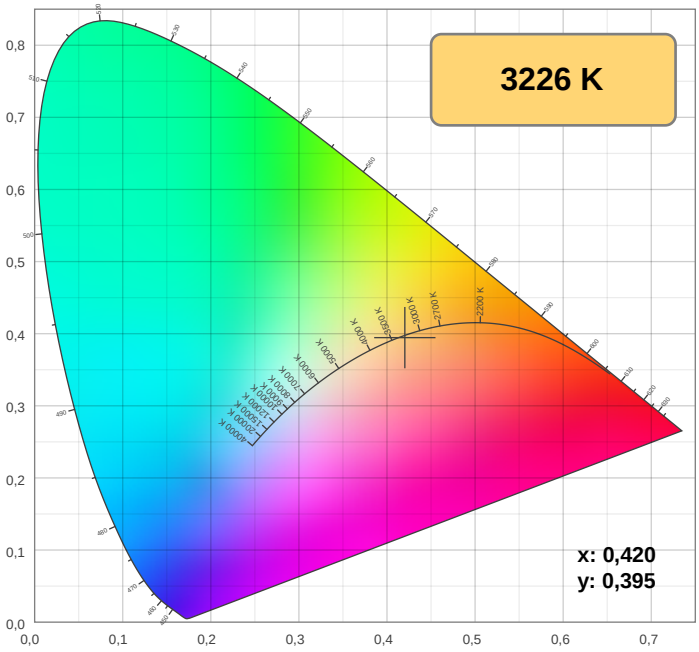


Power



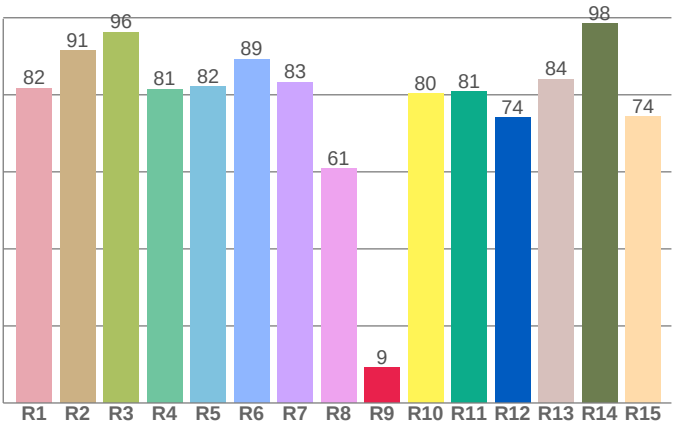
Voltage: 114 V
Current: 0,338 A
Frequency: 60,1 Hz

Color details



CIE 1931

CRI: 83,3 (R1-R8)

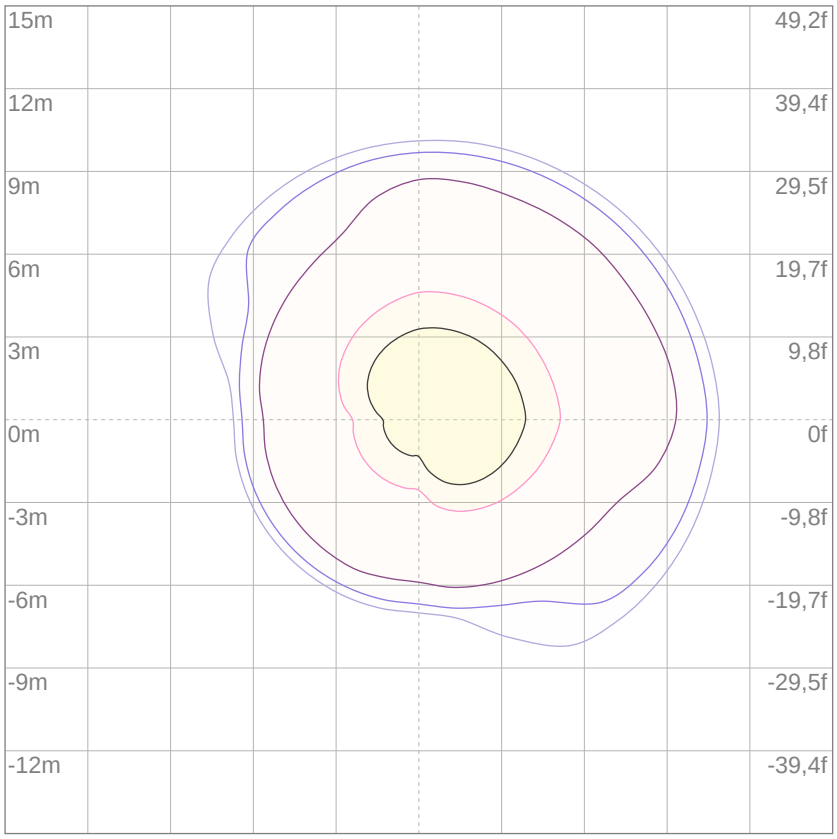


CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	9	R10	R11	R12	R13	R14	R15
81,7	91,4	96,2	81,5	82,2	89,2	83,2	60,8	9,2	80,3	80,8	74,0	84,1	98,5	74,2

ISO Diagrams

ISO lux diagram



Mounting height: 10 meters (33 f)

3%	1,78 lx
5%	2,97 lx
10%	5,94 lx
30%	17,8 lx
50%	29,7 lx

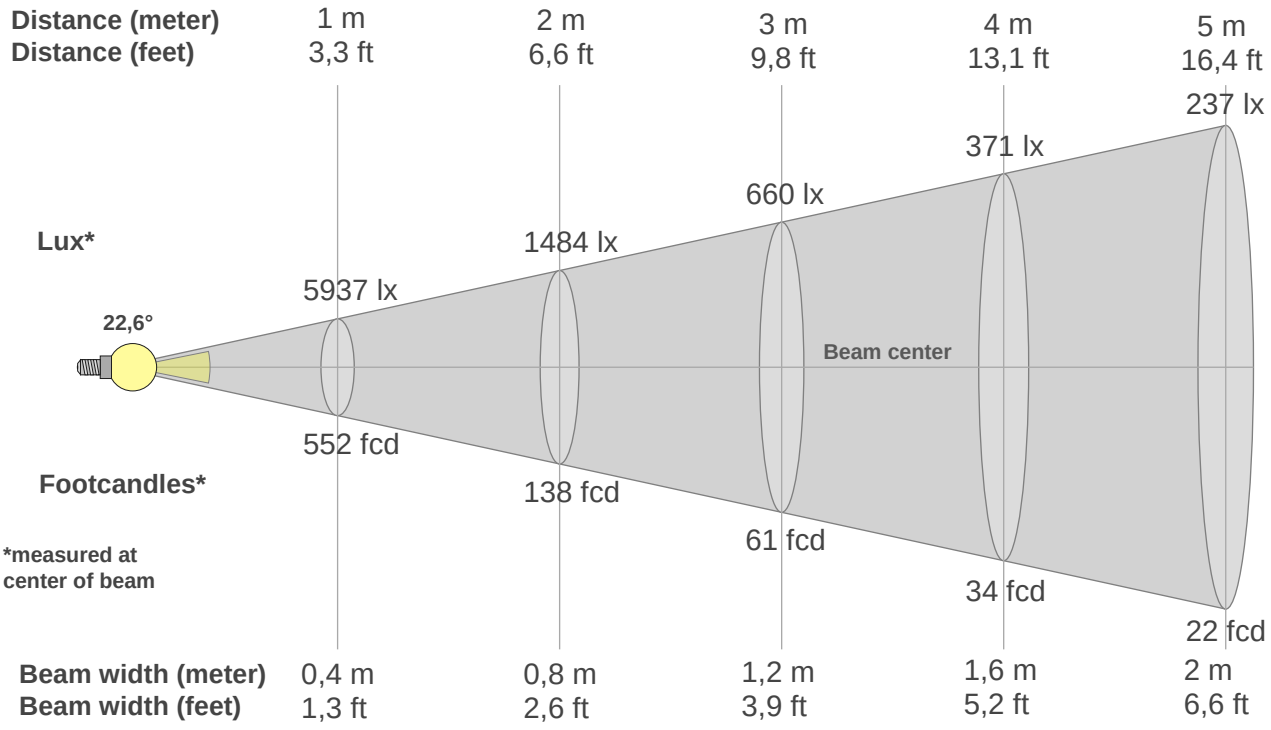
Conditions:

Number of c-planes: 4

Lux at center: 59,4 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
5937lx	1484lx	660lx	371lx	237lx	165lx	121lx	93lx	73lx	59lx	49lx	41lx	35lx	30lx	26lx	23lx	21lx	18lx	16lx	15lx
551,6fc	137,9fc	61,3fcd	34,5fcd	22,1fcd	15,3fcd	11,3fcd	8,6fcd	6,8fcd	5,5fcd	4,6fcd	3,8fcd	3,3fcd	2,8fcd	2,5fcd	2,2fcd	1,9fcd	1,7fcd	1,5fcd	1,4fcd

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°
5937	5297	4279	3445	2816	2343	1997	1716	1473	1277	1108	942	810	725	676	549	362	170	37	11
100%	89%	72%	58%	47%	39%	34%	29%	25%	22%	19%	16%	14%	12%	11%	9%	6%	3%	1%	0%

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°
5937	4754	4035	3404	2888	2455	2111	1826	1588	1381	1200	1031	875	769	705	625	467	272	103	16
100%	80%	68%	57%	49%	41%	36%	31%	27%	23%	20%	17%	15%	13%	12%	11%	8%	5%	2%	0%

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°
5937	7387	8153	8550	8445	7911	7091	6140	5120	4165	3368	2741	2280	1940	1678	1461	1272	1103	939	793
100%	124%	137%	144%	142%	133%	119%	103%	86%	70%	57%	46%	38%	33%	28%	25%	21%	19%	16%	13%

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°
5937	6092	6453	6515	6258	5717	4994	4247	3579	3022	2560	2188	1889	1635	1419	1236	1068	908	787	709
100%	103%	109%	110%	105%	96%	84%	72%	60%	51%	43%	37%	32%	28%	24%	21%	18%	15%	13%	12%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
22,6°	64,8°	80,6°	99,3%	98,0%

TM30 details

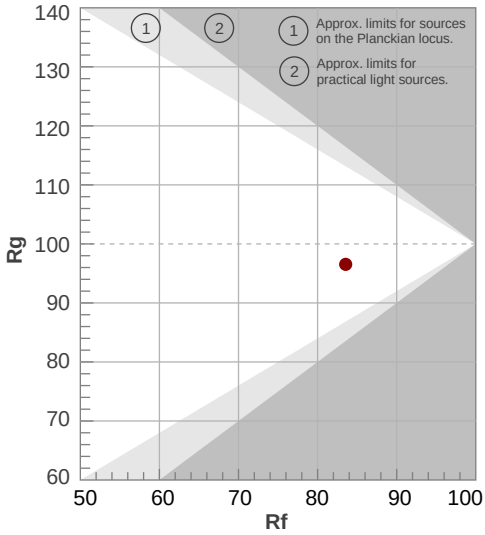
Rf 83,6

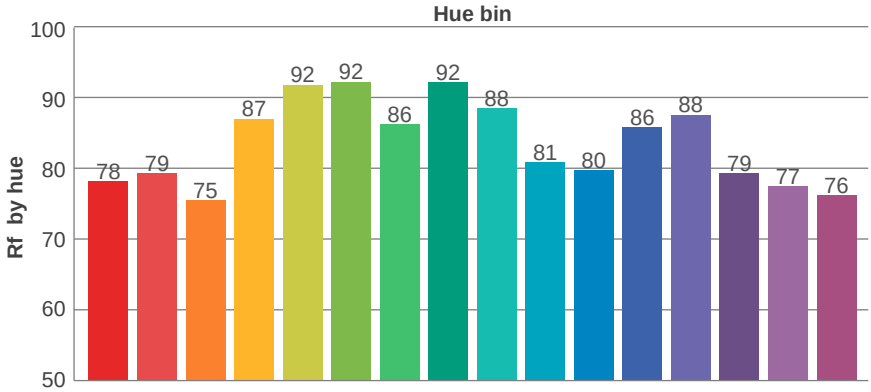
Fidelity index Rf

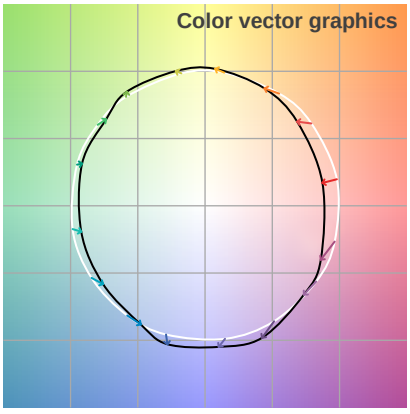
Rg 96,5

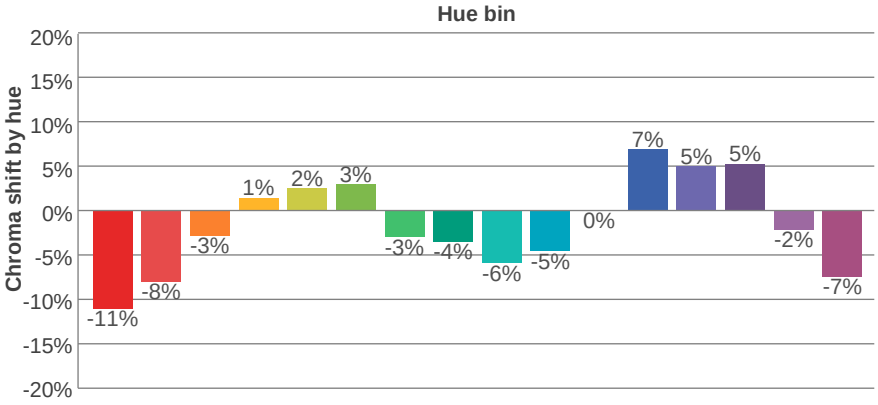
Gammut index Rg

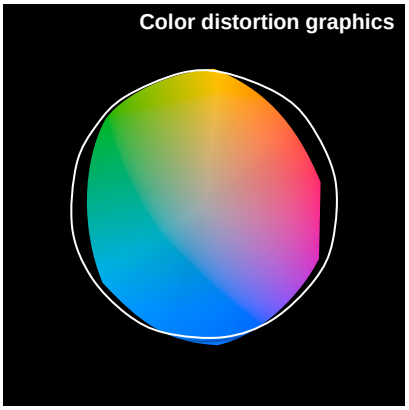
		Graphic shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	78	-11%	-1%
2	79	-8%	7%
3	75	-3%	11%
4	87	1%	7%
5	92	2%	4%
6	92	3%	-3%
7	86	-3%	-7%
8	92	-4%	-1%
9	88	-6%	3%
10	81	-5%	9%
11	80	0%	12%
12	86	7%	2%
13	88	5%	-6%
14	79	5%	-14%
15	77	-2%	-13%
16	76	-7%	-15%

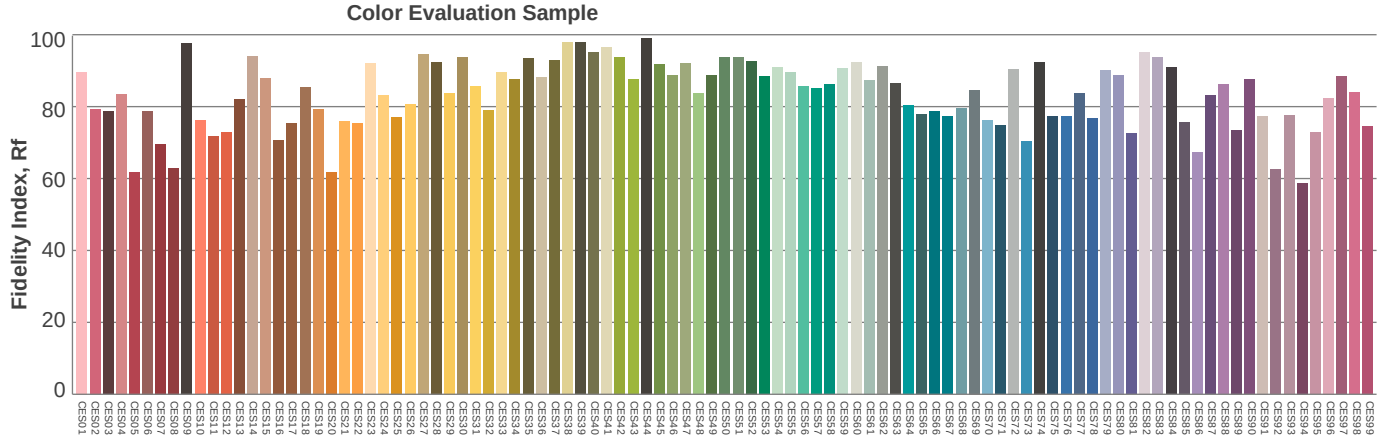










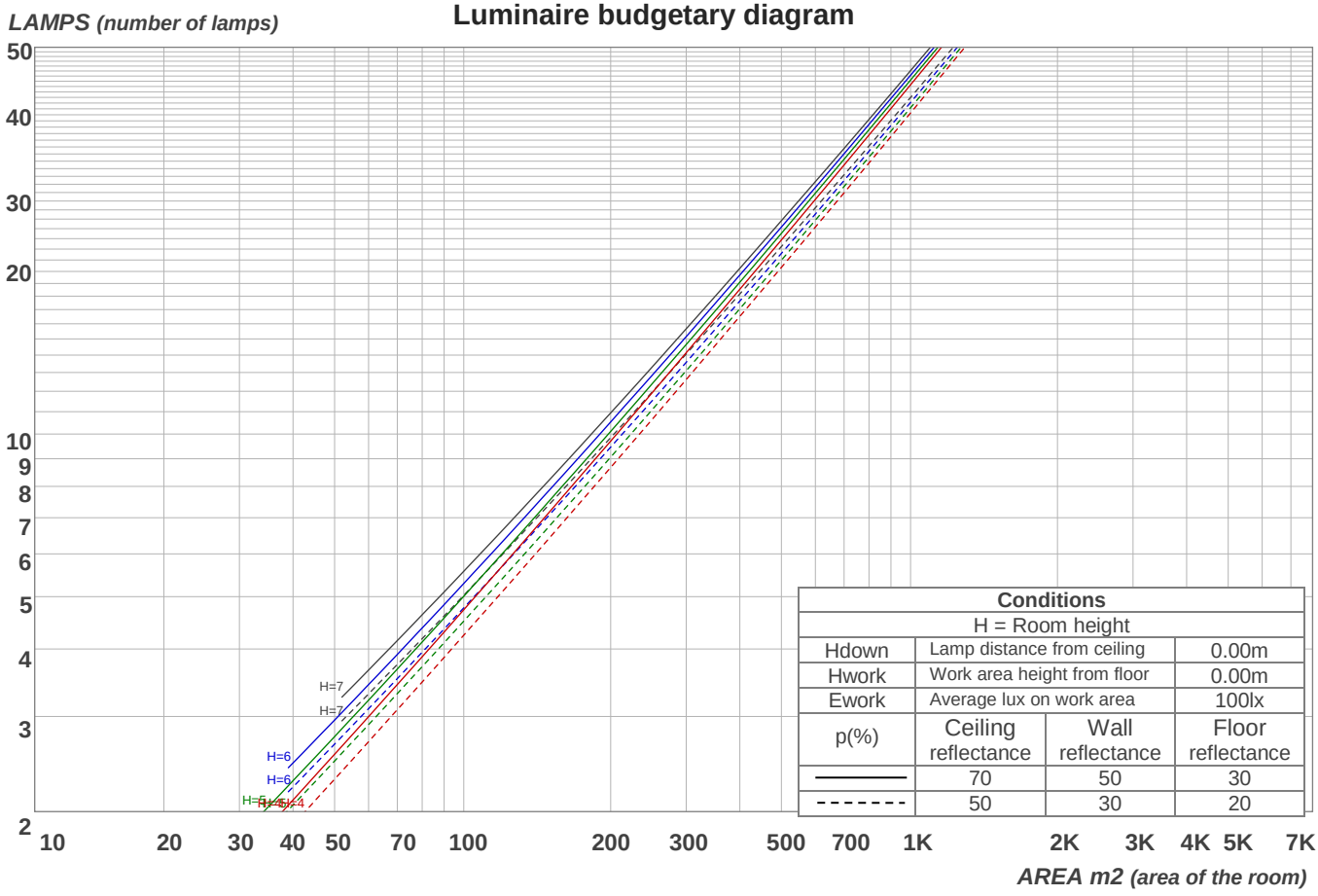


Light planning

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	114	111	109	107	112	109	107	105	105	104	102	102	100	99	98	97	96	94
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	92	91	89
3	104	99	94	91	102	97	93	90	95	91	88	92	89	87	90	88	86	84
4	100	93	88	85	98	92	88	84	90	86	83	88	85	82	86	83	81	80
5	96	88	83	79	94	87	83	79	86	81	78	84	80	78	83	79	77	76
6	92	84	79	75	90	83	78	75	82	77	74	80	76	74	79	76	73	72
7	88	80	75	71	87	79	74	71	78	74	70	77	73	70	76	72	70	68
8	85	76	71	67	83	76	71	67	75	70	67	74	70	67	73	69	66	65
9	81	73	68	64	80	72	67	64	71	67	64	71	66	64	70	66	63	62
10	78	70	65	61	77	69	64	61	69	64	61	68	64	61	67	63	61	59

Luminaire budgetary diagram



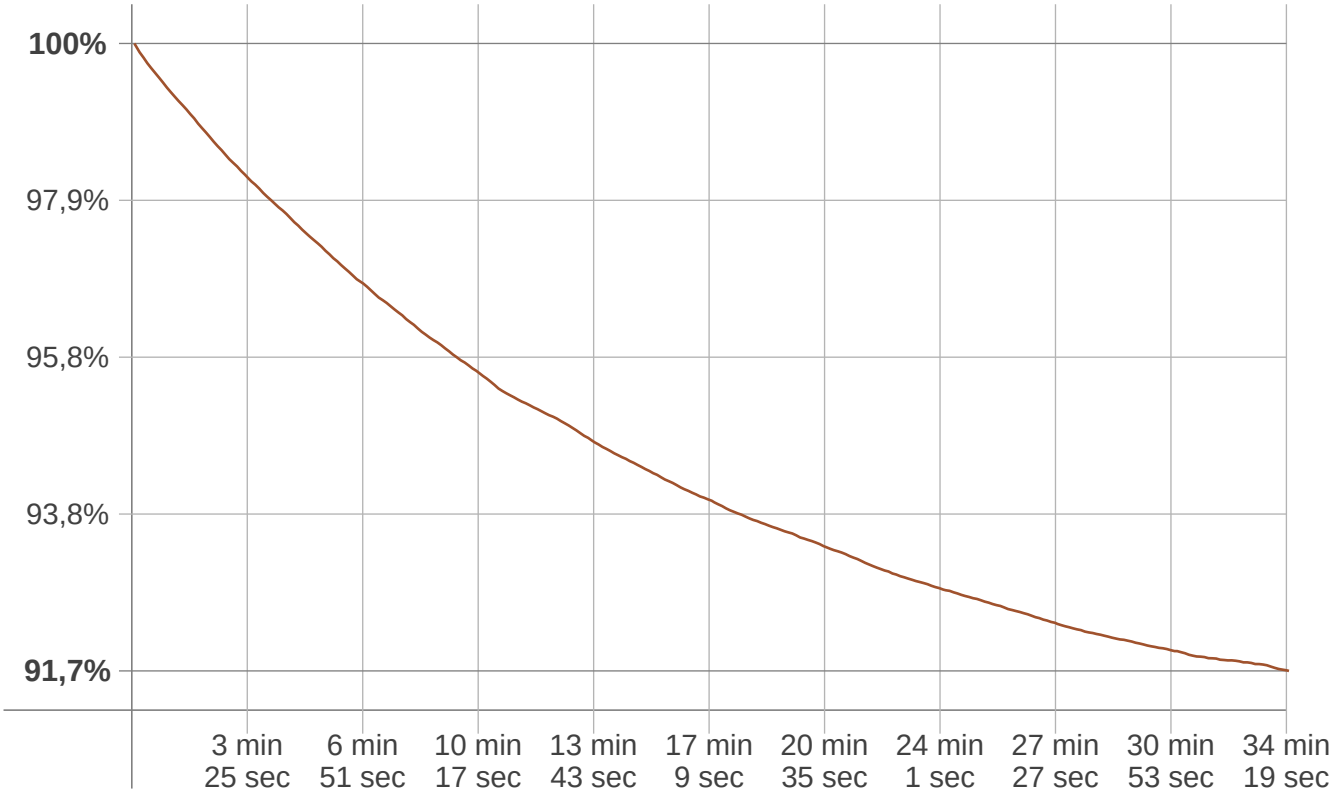
Zonal Lumen Summary

0°-10°	10°-20°	20°-30°	30°-40°	40°-50°	50°-60°	60°-70°	70°-80°	80°-90°
504 lm	881 lm	639 lm	355 lm	124 lm	6,06 lm	5,90 lm	5,19 lm	3,44 lm

90°-100°	100°-110°	110°-120°	120°-130°	130°-140°	140°-150°	150°-160°	160°-170°	170°-180°
1,38 lm	0,367 lm	0,335 lm	0,347 lm	0,389 lm	0,402 lm	0,439 lm	0,280 lm	0,063 lm

Stabilization

Warmup curve



Warmup result

Warmup time:	**34 min 23 sec**
Warmup variation	**-8,4%**

Warmup conditions

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

Color temperature change

CCT start	CCT change	CCT end
3202 K	**+24 K**	**3226 K**

Output change

Output start	Output change	Output end
2748 lm	**-220 lm**	**2529 lm**