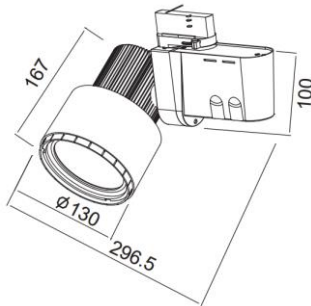




Dimensiones (mm)

Largo: 296,5; **Ancho:** Ø130
Alto: 167.



Código

KTX8555

Descripción

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

Materiales y acabado

Cuerpo, porta driver y aro en aluminio inyectado, con acabado en pintura poliéster electrostática en polvo.

Color

Cuerpo: Blanco. Aro y disipador: Negro.

Características técnicas

LED	17°	30,000h	IP 20
PF 0,75	THD <15%	°C 0-55	V 110-230

Fuente de luz

COB de LED.

Potencia Nominal	CRI	K	Lm / W	Lm de Salida
30W	>80	3000	101	3329

Características de fuente de luz

- Color temperatura disponible 3000K (cálido).
- Potencia de Salida: 32,8W.

Light efficiency:



Light quality:



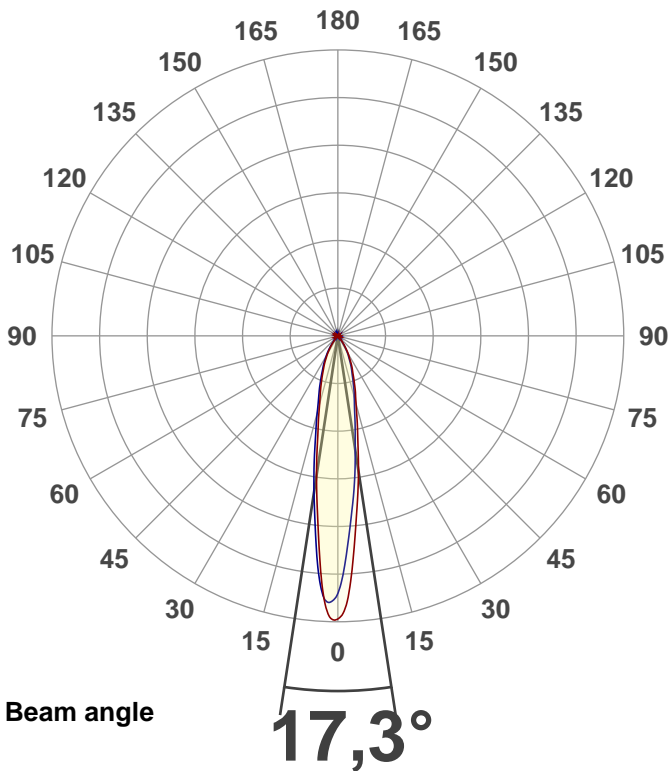
Color temperature:



Output: 3329 lm
 Peak: 16247 cd
 Power: 32,8 W
 PF: 0,75



Product name:
E0168-KTX855

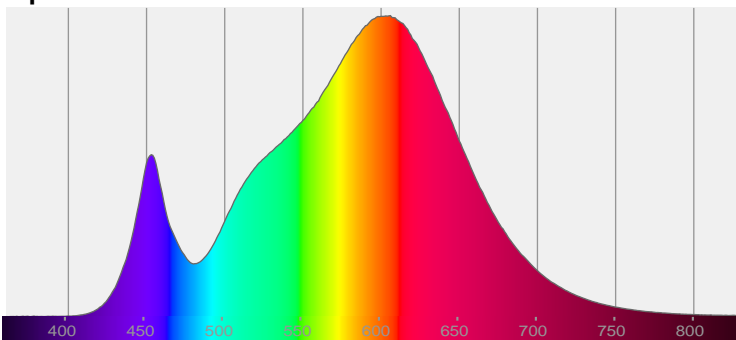


CIE 1931
 x: 0,432
 y: 0,406

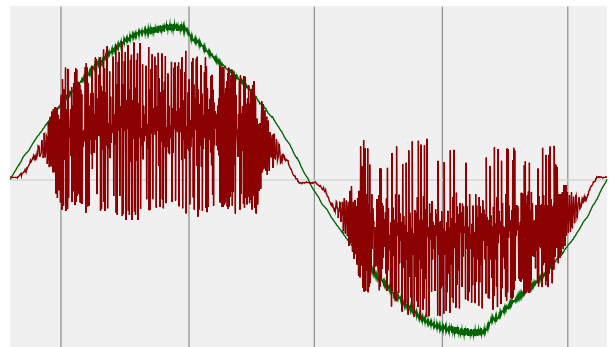
THD Values:

Voltage: 2,55%
 Current: 14,74%

Spectra

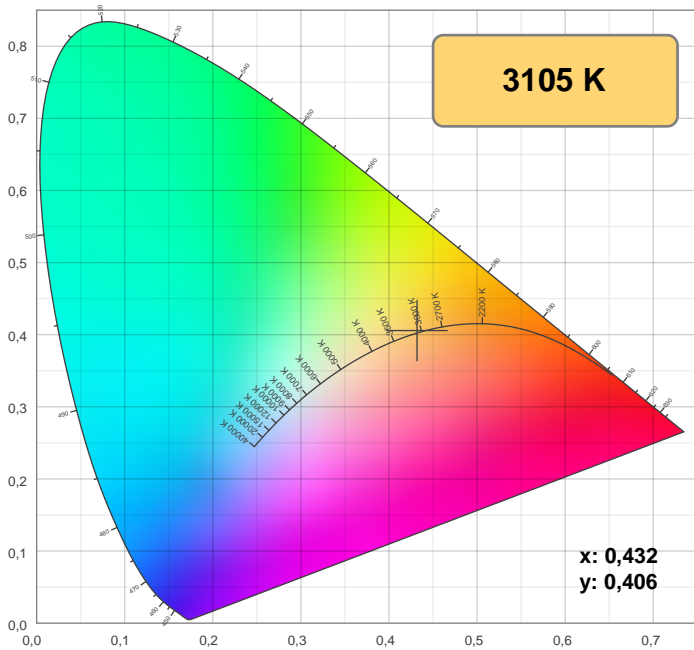


Power



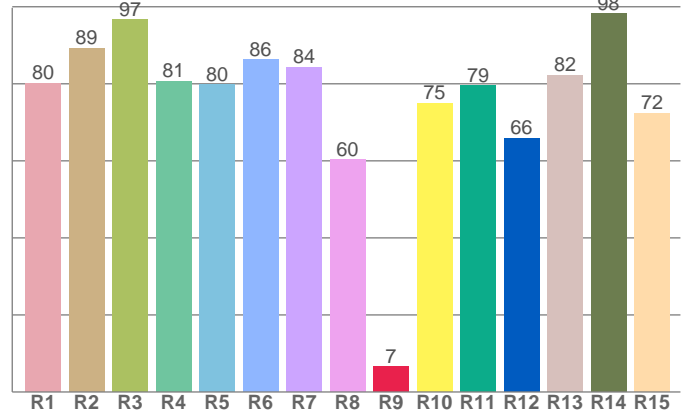
Voltage: 116 V
 Current: 0,379 A
 Frequency: 60 Hz

Color details



CIE 1931

CRI: 82,2 (R1-R8)

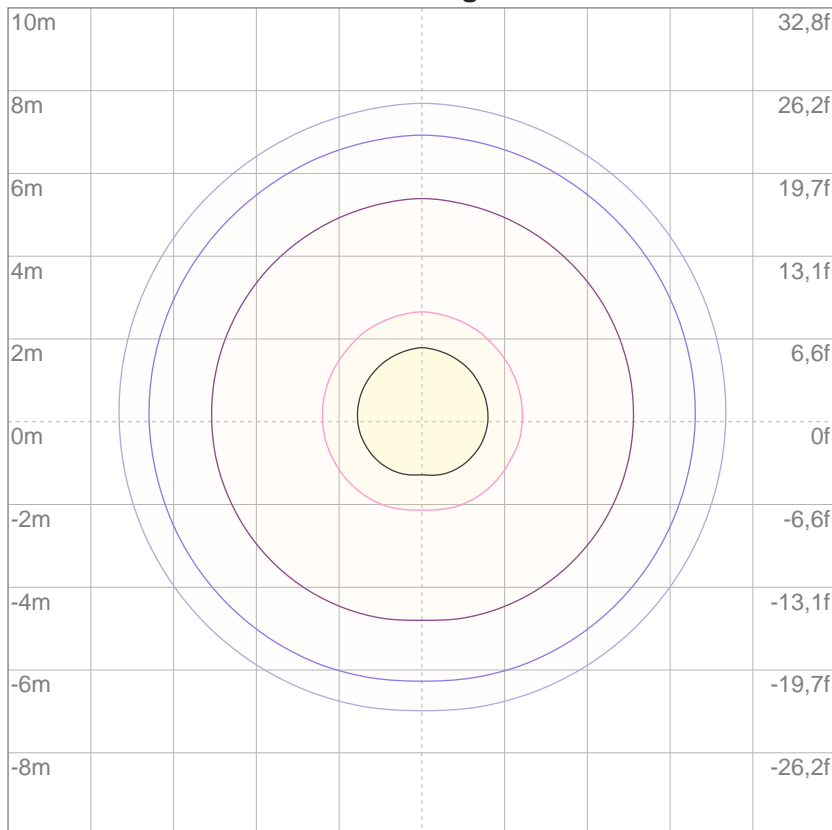


CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	9	R10	R11	R12	R13	R14	R15
80,2	89,2	96,7	80,7	79,8	86,3	84,3	60,2	6,6	75,0	79,5	65,9	82,2	98,2	72,3

ISO Diagrams

ISO lux diagram



Mounting height: 10 meters (33 f)

- 3% 4,63 lx
- 5% 7,72 lx
- 10% 15,4 lx
- 30% 46,3 lx
- 50% 77,2 lx

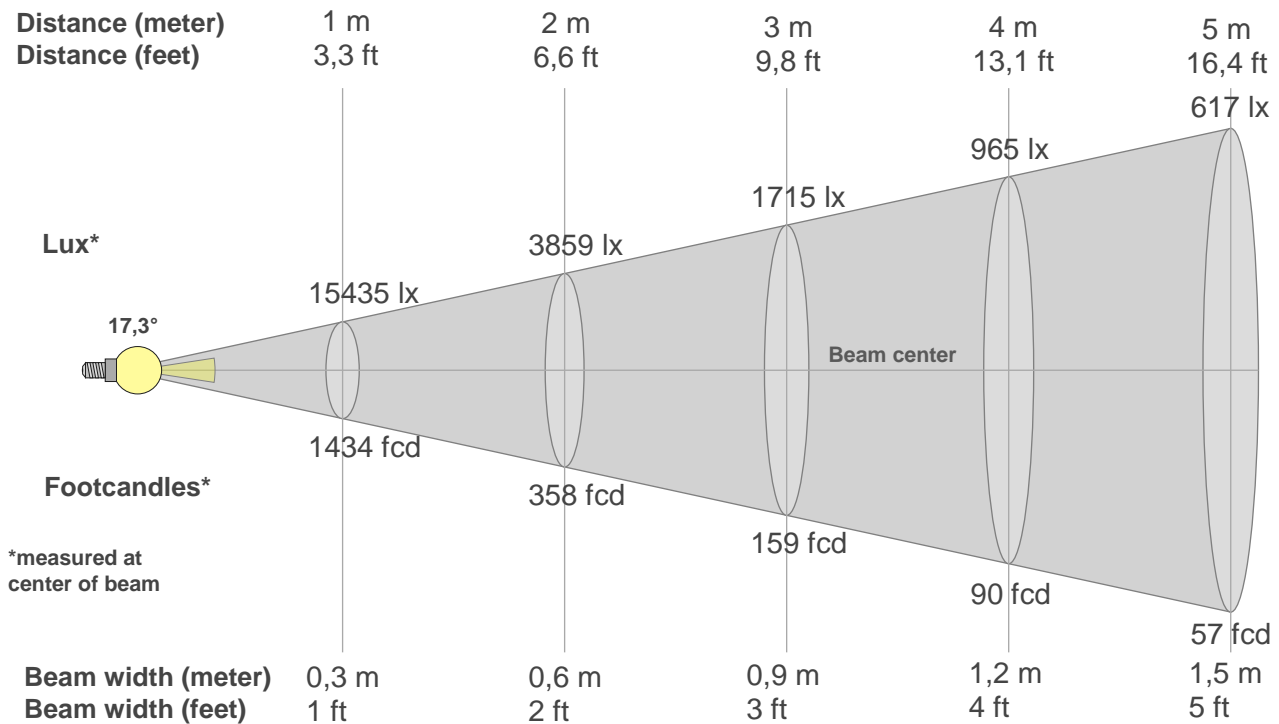
Conditions:

Number of c-planes: 4

Lux at center: 154 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
15435lx	3859lx	1715lx	965lx	617lx	429lx	315lx	241lx	191lx	154lx	128lx	107lx	91lx	79lx	69lx	60lx	53lx	48lx	43lx	39lx
1434fcd	358,5fcd	159,3fcd	89,6fcd	57,4fcd	39,8fcd	29,3fcd	22,4fcd	17,7fcd	14,3fcd	11,9fcd	10fcd	8,5fcd	7,3fcd	6,4fcd	5,6fcd	5fcd	4,4fcd	4fcd	3,6fcd

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°
15,4K	15,2K	12,7K	10,3K	8,4K	6,7K	5,4K	4,4K	3,7K	3,2K	2,7K	2,3K	2,0K	1,7K	1,4K	1,2K	0,9K	0,7K	0,5K	0,3K
100%	99%	82%	66%	54%	43%	35%	29%	24%	21%	18%	15%	13%	11%	9%	8%	6%	5%	3%	2%

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°
15,4K	12,8K	10,6K	8,8K	7,1K	5,7K	4,7K	3,9K	3,4K	2,8K	2,4K	2,1K	1,8K	1,5K	1,3K	1,0K	0,8K	0,6K	0,3K	0,1K
100%	83%	69%	57%	46%	37%	30%	25%	22%	18%	16%	14%	12%	10%	8%	7%	5%	4%	2%	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°
15,4K	15,9K	13,7K	10,9K	8,7K	6,9K	5,4K	4,5K	3,7K	3,2K	2,7K	2,3K	2,0K	1,7K	1,4K	1,2K	0,9K	0,7K	0,5K	0,3K
100%	103%	89%	71%	57%	45%	35%	29%	24%	21%	18%	15%	13%	11%	9%	8%	6%	5%	3%	2%

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°
15,4K	15,2K	14,3K	11,9K	9,7K	7,9K	6,3K	5,1K	4,1K	3,5K	3,0K	2,6K	2,2K	1,9K	1,6K	1,3K	1,1K	0,9K	0,6K	0,4K
100%	99%	93%	77%	63%	51%	41%	33%	27%	23%	19%	17%	14%	12%	10%	9%	7%	6%	4%	3%

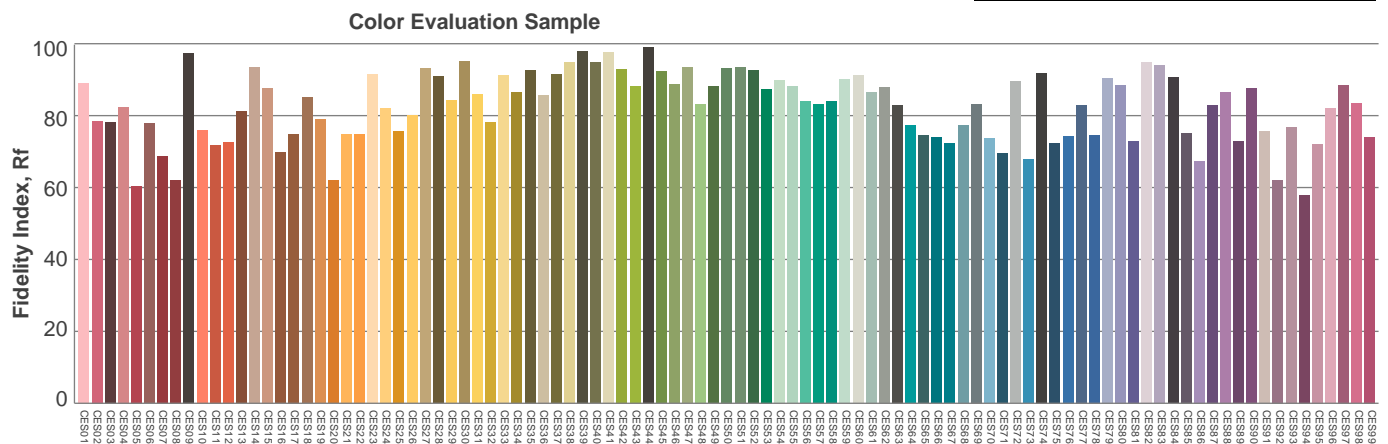
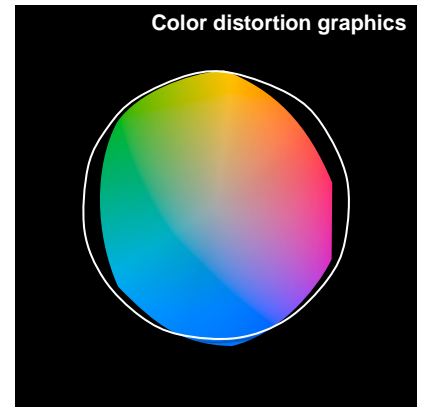
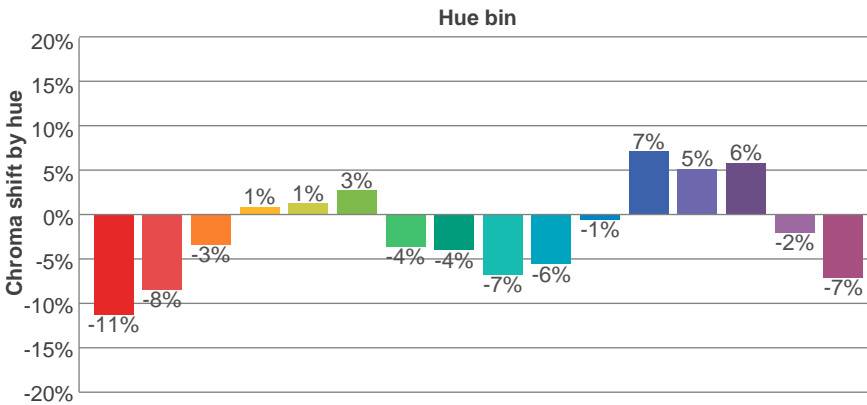
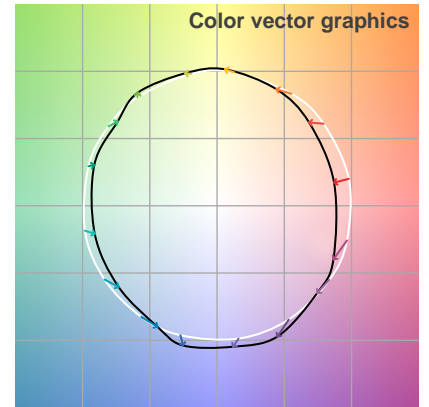
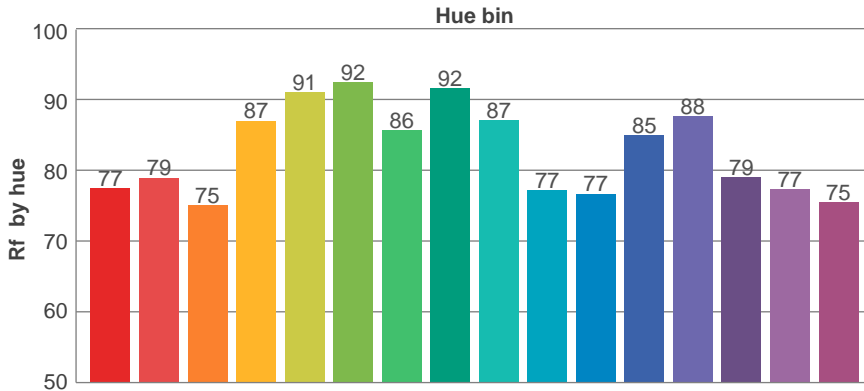
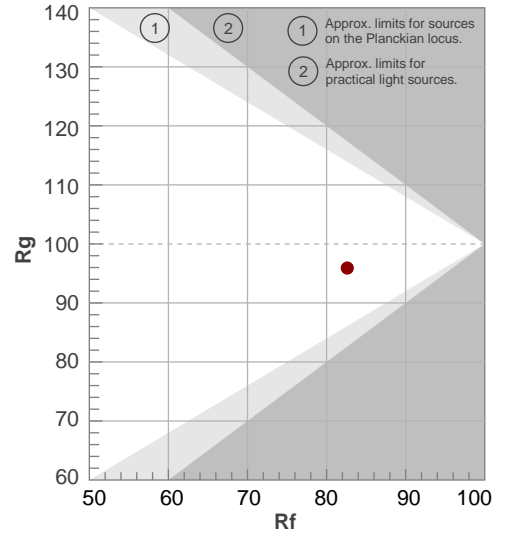
Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
17,3°	53,6°	73,8°	99,9%	99,8%

TM30 details

Rf 82,6
Fidelity index Rf

Rg 95,9
Gammut index Rg

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	77	-11%	-1%
2	79	-8%	7%
3	75	-3%	11%
4	87	1%	7%
5	91	1%	4%
6	92	3%	-2%
7	86	-4%	-7%
8	92	-4%	-2%
9	87	-7%	4%
10	77	-6%	10%
11	77	-1%	14%
12	85	7%	4%
13	88	5%	-5%
14	79	6%	-14%
15	77	-2%	-13%
16	75	-7%	-16%



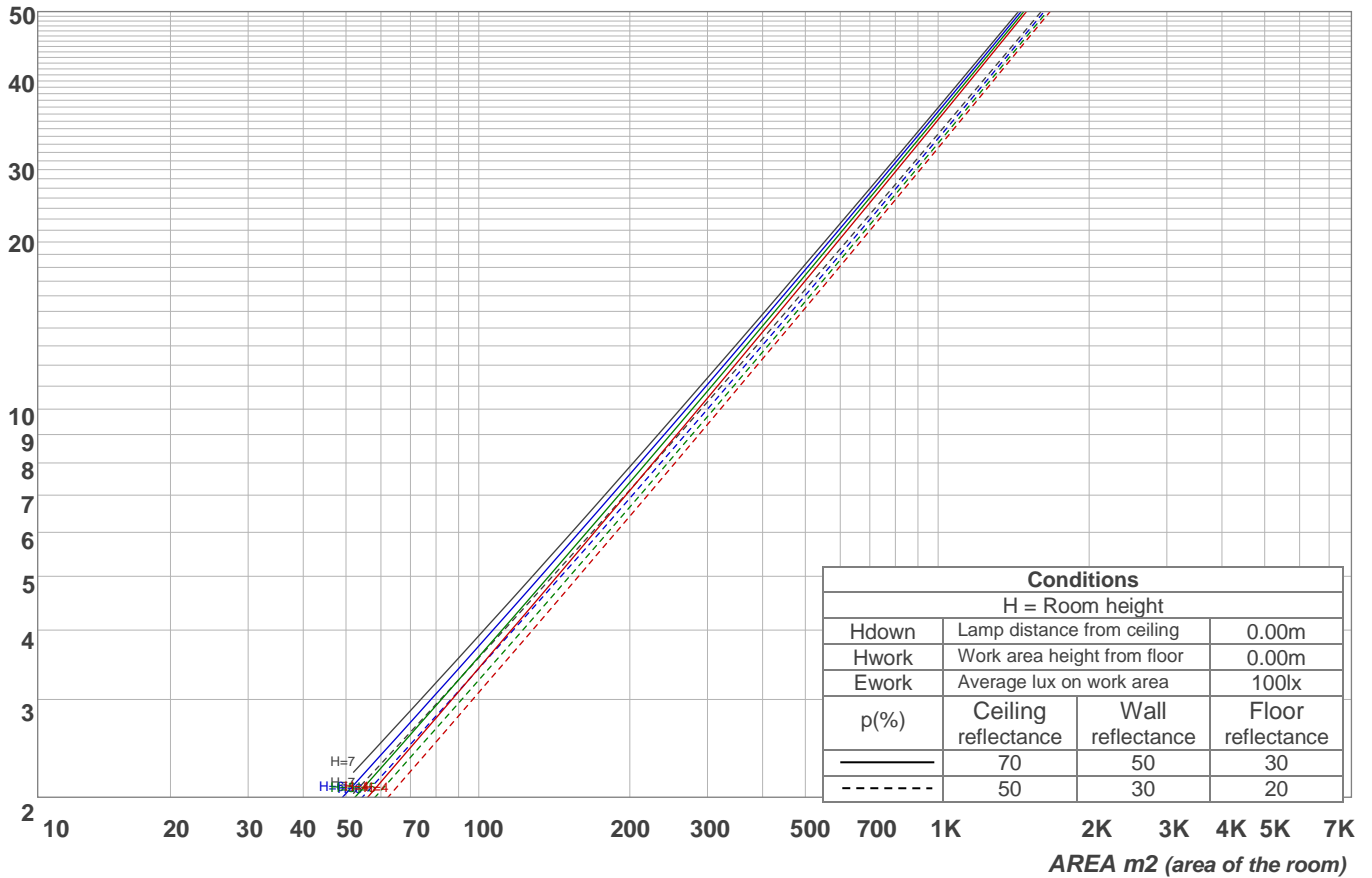
Light planning

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	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	100	100	
1	115	112	110	108	112	110	108	107	106	105	103	102	101	100	99	98	97	96	96	96	
2	110	106	103	100	108	105	102	99	102	99	97	99	97	95	96	94	93	92	92	92	
3	106	101	97	94	104	100	96	93	97	94	92	95	92	90	93	91	89	88	88	88	
4	102	96	92	89	101	95	91	88	93	90	87	91	88	86	90	87	85	84	84	84	
5	99	92	88	84	97	91	87	84	90	86	83	88	85	82	87	84	82	80	80	80	
6	95	88	84	80	94	88	83	80	86	82	79	85	81	79	84	81	78	77	77	77	
7	92	85	80	77	91	84	80	77	83	79	76	82	78	76	81	78	75	74	74	74	
8	89	81	77	74	88	81	77	73	80	76	73	79	75	73	78	75	73	71	71	71	
9	86	78	74	71	85	78	74	71	77	73	70	76	73	70	76	72	70	69	69	69	
10	83	76	71	68	82	75	71	68	75	71	68	74	70	68	73	70	68	67	67	67	

LAMPS (number of lamps)

Luminaire budgetary diagram

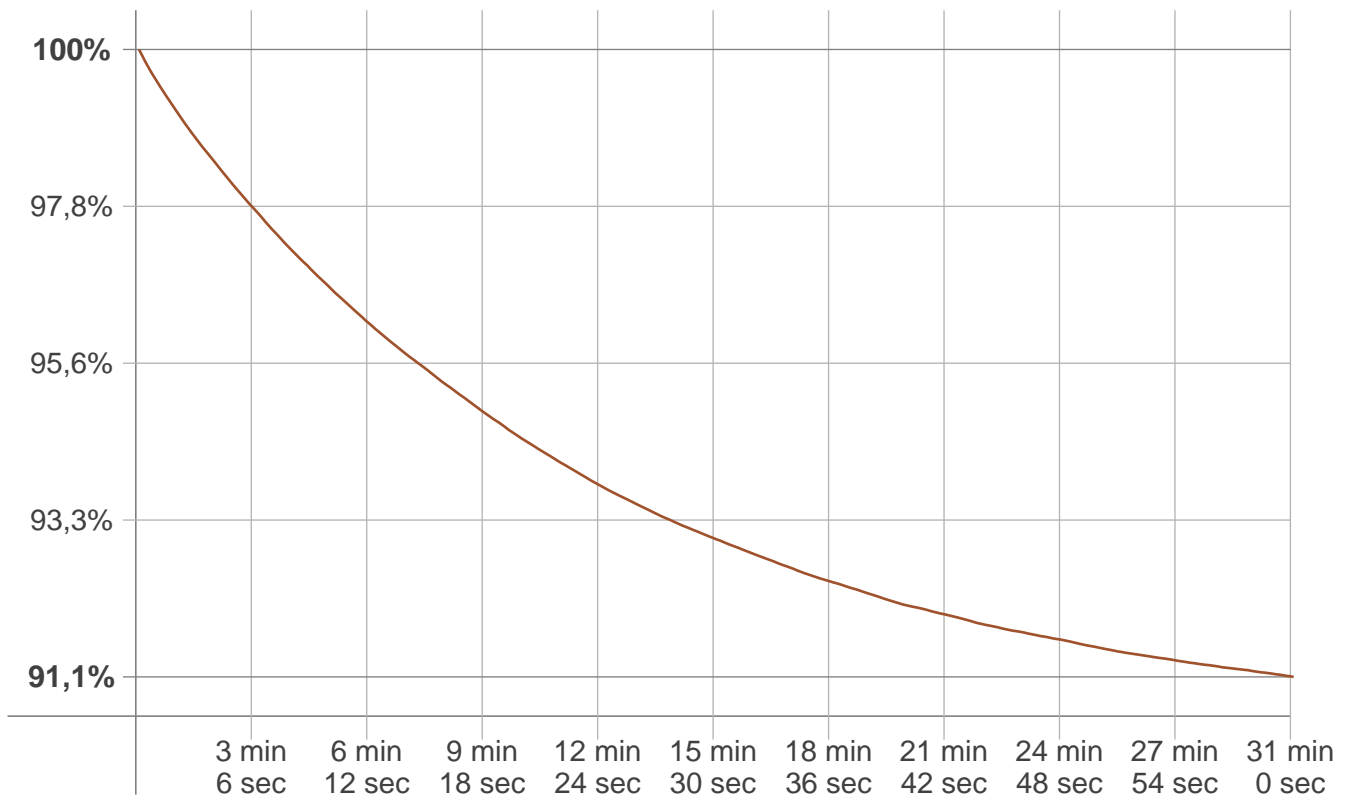


Zonal Lumen Summary

0°-10°	10°-20°	20°-30°	30°-40°	40°-50°	50°-60°	60°-70°	70°-80°	80°-90°
949 lm	1157 lm	844 lm	367 lm	7,90 lm	0,633 lm	0,354 lm	0,352 lm	0,314 lm
90°-100°	100°-110°	110°-120°	120°-130°	130°-140°	140°-150°	150°-160°	160°-170°	170°-180°
0,329 lm	0,348 lm	0,325 lm	0,308 lm	0,369 lm	0,504 lm	0,612 lm	0,465 lm	0,089 lm

Stabilization

Warmup curve



Warmup result

Warmup time:	31 min 5 sec
Warmup variation	-9,0%

Warmup conditions

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

Color temperature change

CCT start	CCT change	CCT end
3084 K	+21 K	3105 K

Output change

Output start	Output change	Output end
3642 lm	-313 lm	3329 lm