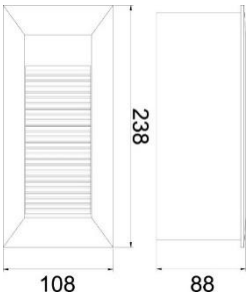
Luminaria para exterior

Dimensiones (mm)

Largo: 108; **Ancho:** 88
Alto: 238.



Código

KT537

Descripción

Luminaria tipo Step Light, diseñada con módulo de LED integrado. Housing con textura estriada y con difusor transparente.

Materiales y acabado

Cuerpo en aluminio inyectado con acabado en pintura poliéster electroestática texturizada.

Color

Gris.

Características técnicas

LED	66°	20,000h	IP 54	IK 04
PF 0,54	THD <40%	°C 0-55	V 120	Clase II

Fuente de luz

Módulo de LED.

Potencia Nominal	CRI	K	Lm / W	Lm de Salida
1,17W	>80	3000	31	78,9

Características de fuente de luz

- Color temperatura disponible 3000K (cálido).
- Potencia de Salida: 2,6W.

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

Light efficiency:

31 Lumen/Watt

Light quality:

CRI: 82,1

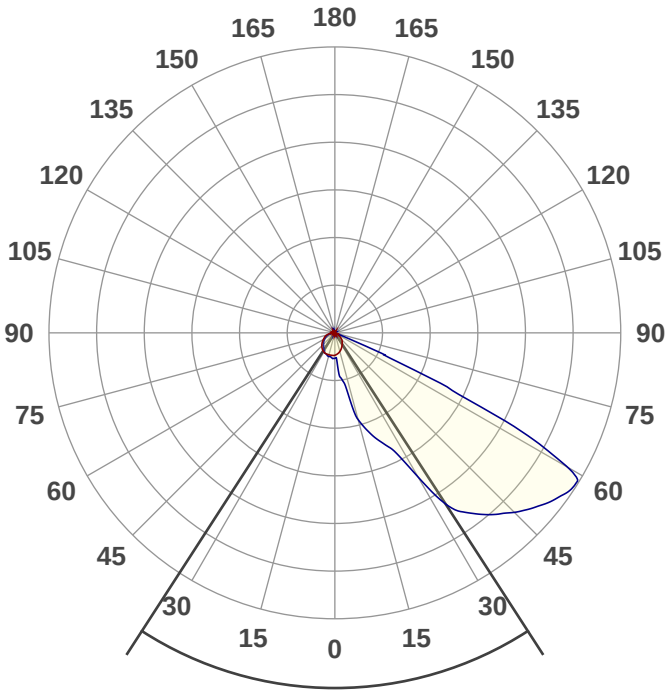
Color temperature:

3064 K

Output: 78,9 lm
Peak: 121 cd

Power: 2,6 W
PF: 0,54

Product name:
E0204-KT537



Beam angle

65,8°

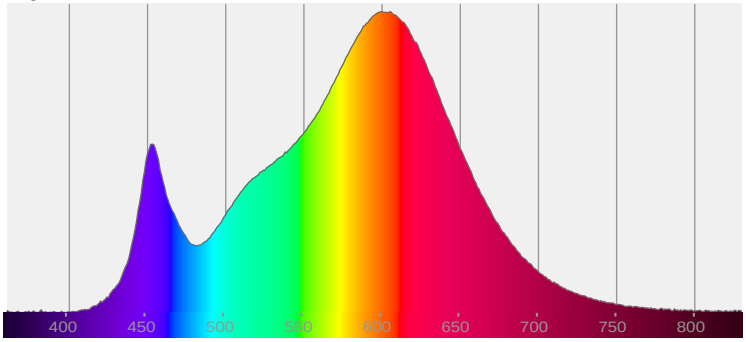
CIE 1931
x: 0,430
y: 0,397

THD Values:

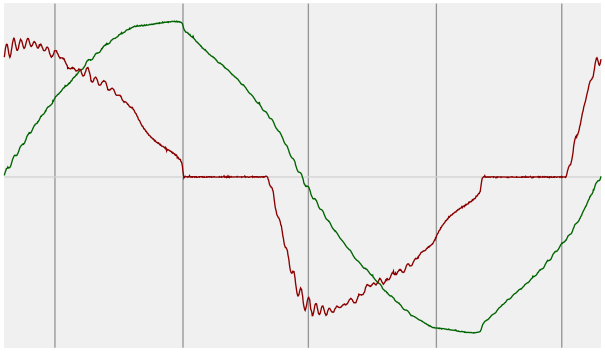
Voltage: 3,03%

Current: 33,04%

Spectra

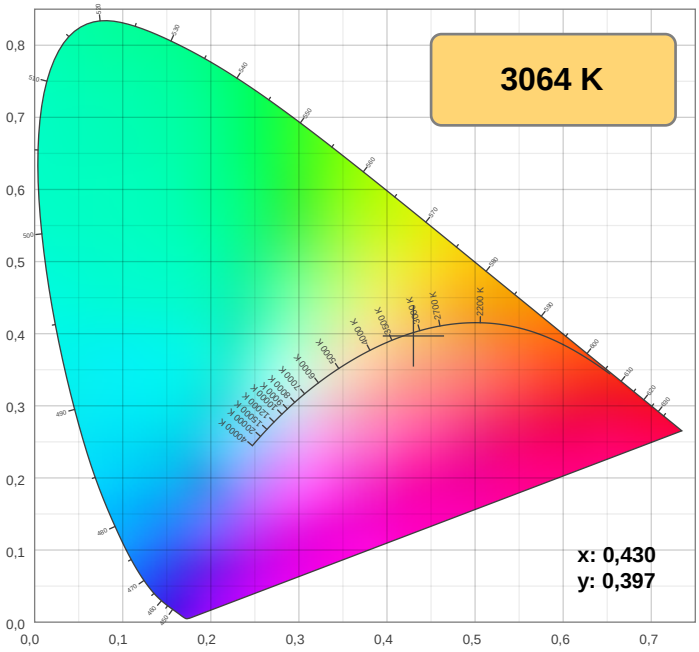


Power



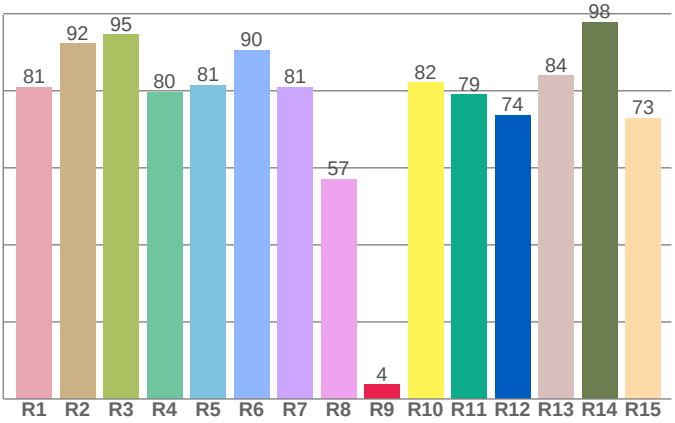
Voltage: 117 V
Current: 0,041 A
Frequency: 59,9 Hz

Color details



CIE 1931

CRI: 82,1 (R1-R8)

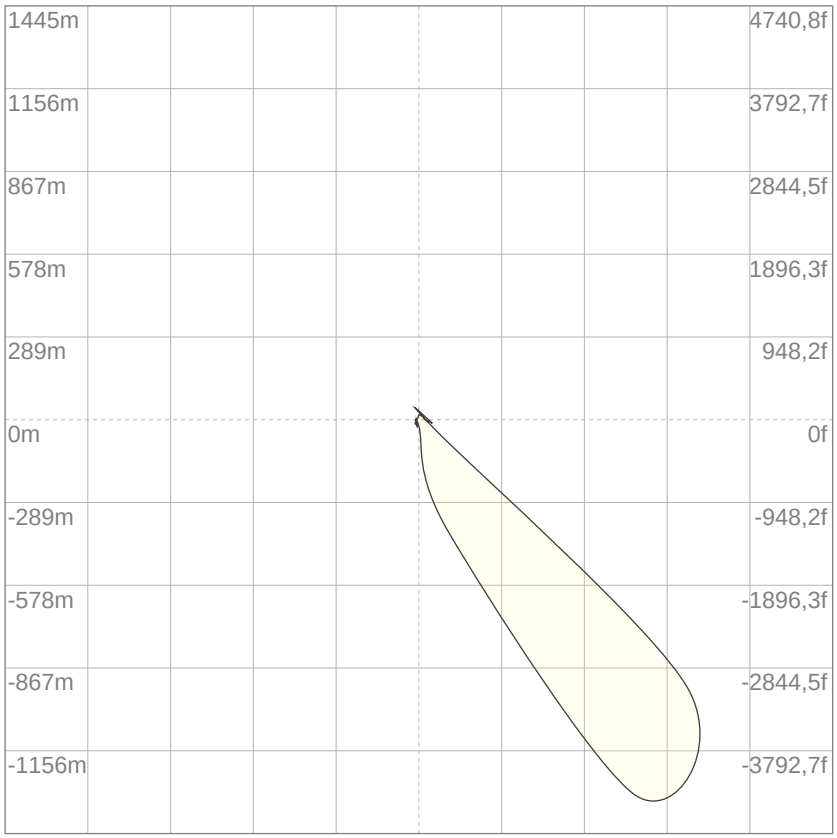


CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	9	R10	R11	R12	R13	R14	R15
81,0	92,2	94,5	79,6	81,4	90,5	80,9	57,0	3,8	82,1	78,9	73,7	83,9	97,7	72,9

ISO Diagrams

ISO lux diagram



Mounting height: 10 meters (33 f)

3% 2,95m lx
5% 4,92m lx
10% 9,85m lx
30% 29,5m lx
50% 49,2m lx

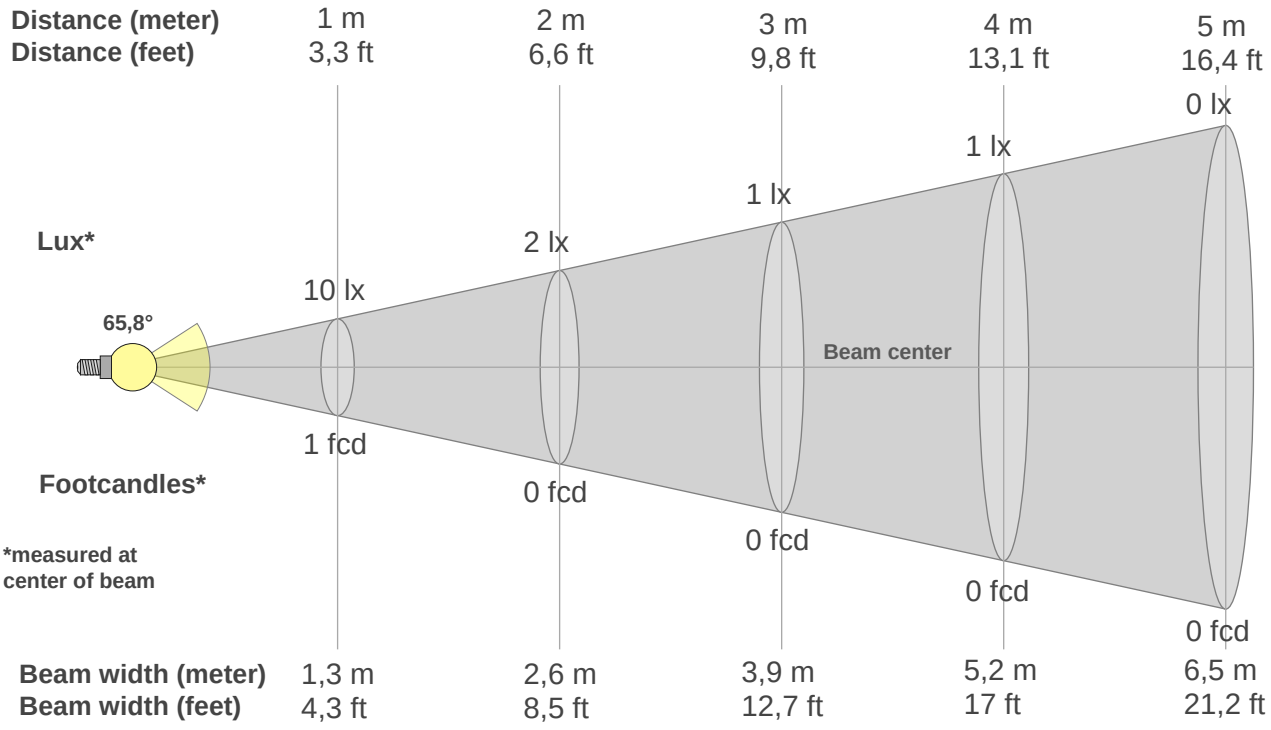
Conditions:

Number of c-planes: 12

Lux at center: 98,5m 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
10lx	2lx	1lx	1lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx	0lx
0,9fcd	0,2fcd	0,1fcd	0,1fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd	0fcd

Intensities in 0° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
9,85	9,21	8,77	8,21	7,57	6,89	6,14	5,44	4,86	4,19	3,29	2,44	1,61	0,93	0,36	0,01	0,00	0,01	0,01	0,01
100%	94%	89%	83%	77%	70%	62%	55%	49%	43%	33%	25%	16%	9%	4%	0%	0%	0%	0%	0%

Intensities in 90° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
10	15	21	38	46	53	71	93	101	108	115	120	114	37	0	0	0	0	0	0
100%	153%	216%	388%	471%	543%	721%	944%	1028%	1100%	1163%	1216%	1162%	378%	4%	0%	0%	0%	0%	0%

Intensities in 180° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
9,85	9,67	9,66	9,70	9,68	9,64	9,40	9,01	8,48	7,85	7,17	6,42	5,63	4,99	4,39	3,56	2,62	1,81	1,07	0,50
100%	98%	98%	98%	98%	98%	95%	91%	86%	80%	73%	65%	57%	51%	45%	36%	27%	18%	11%	5%

Intensities in 270° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
9,8	11,0	10,4	10,4	10,0	9,7	8,8	8,1	7,5	6,9	6,2	5,5	4,8	4,2	3,3	2,6	1,9	1,3	0,8	0,3
100%	112%	105%	106%	101%	98%	89%	82%	76%	70%	63%	56%	49%	43%	33%	26%	19%	13%	8%	3%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
65,8°	124°	157,7°	72,5%	39,4%

TM30 details

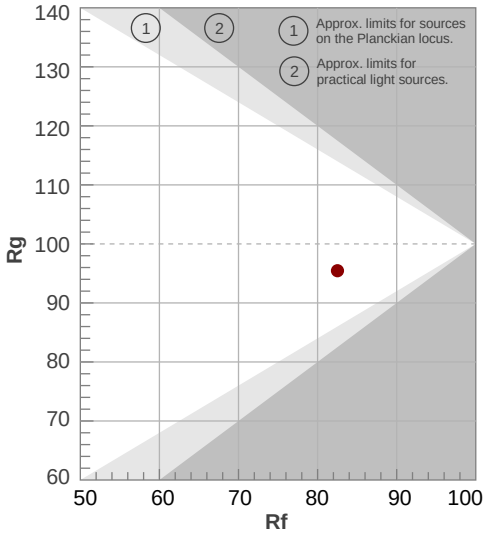
Rf 82,5

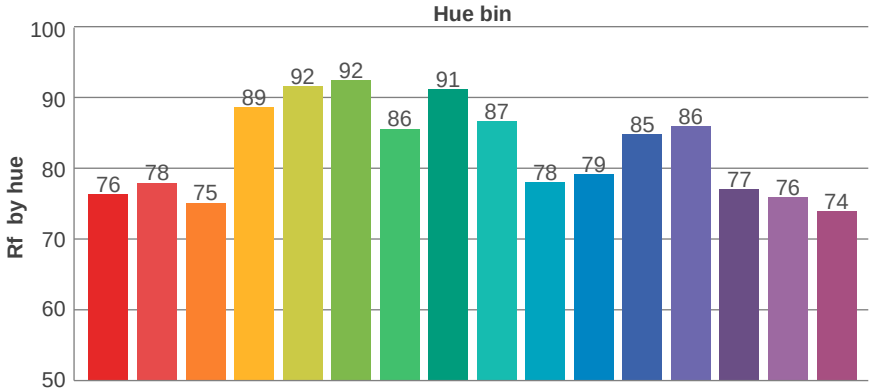
Fidelity index Rf

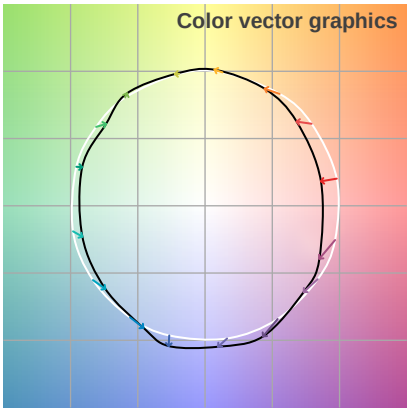
Rg 95,5

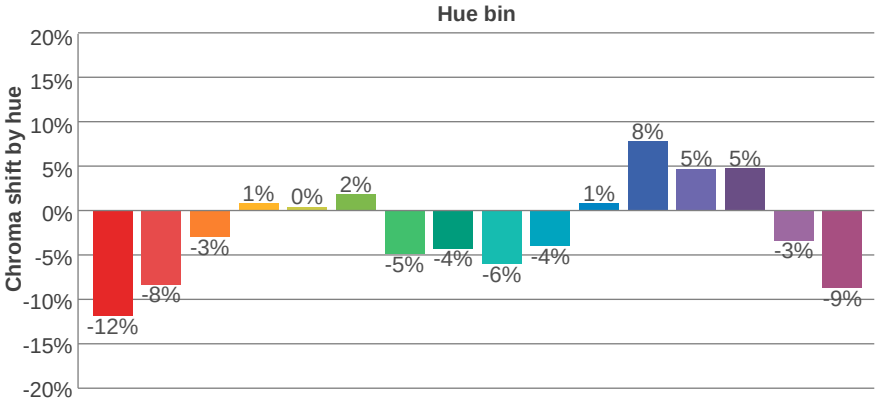
Gammut index Rg

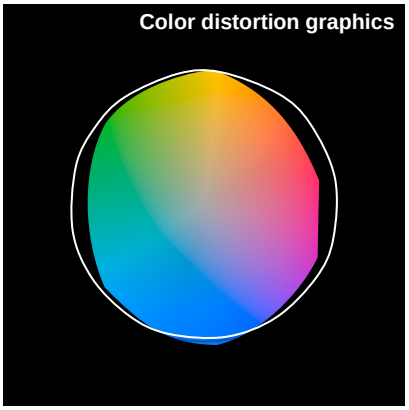
		Graphic shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	76	-12%	0%
2	78	-8%	7%
3	75	-3%	11%
4	89	1%	6%
5	92	0%	3%
6	92	2%	-3%
7	86	-5%	-6%
8	91	-4%	-1%
9	87	-6%	5%
10	78	-4%	11%
11	79	1%	13%
12	85	8%	1%
13	86	5%	-8%
14	77	5%	-16%
15	76	-3%	-14%
16	74	-9%	-16%

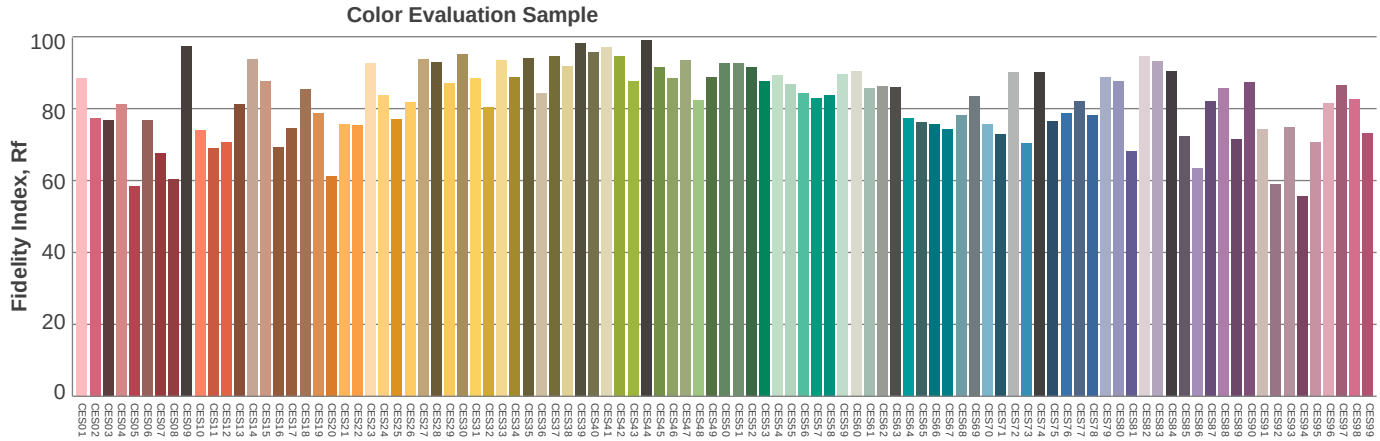






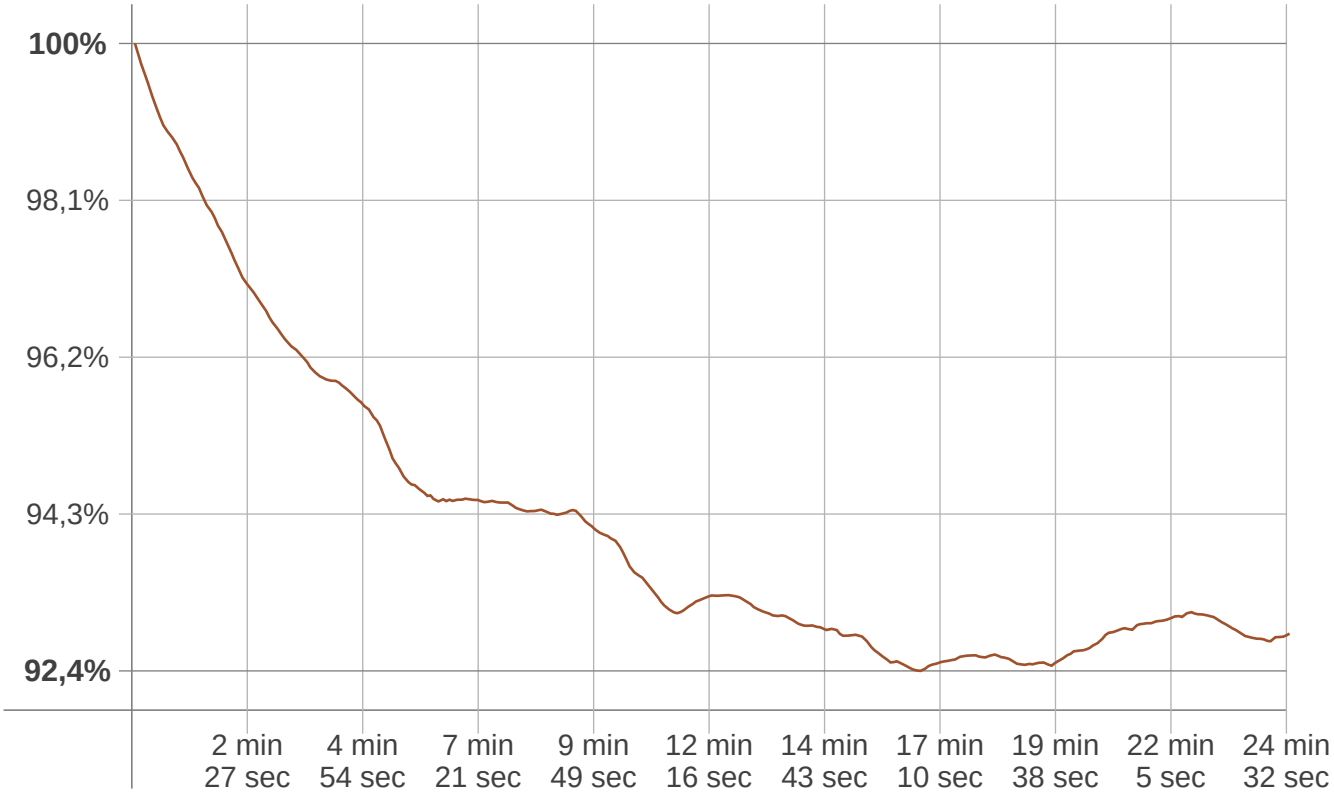






Stabilization

Warmup curve



Warmup result

Warmup time:	**24 min 36 sec**
Warmup variation	**-7,7%**

Warmup conditions

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

Color temperature change

CCT start	CCT change	CCT end
3025 K	**+39 K**	**3064 K**

Output change

Output start	Output change	Output end
84,7 lm	**-5,8 lm**	**78,9 lm**