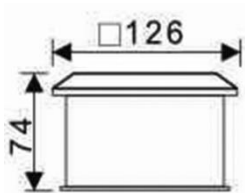




Dimensiones (mm)

Largo: 126; **Ancho:** 74
Alto: 126.



Código

WPL8118

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 electrostática texturizada.

Color

Gris.

Características técnicas

| | | | | |
|-------------------|---|--|-----------------|-----------------|
| LED |  58° |  20,000h | IP 54 | IK 04 |
| PF 0,33 | THD <40% | °C 0-55 | V 220 | Hz 50 |

Fuente de luz

Módulos de LED.

| Potencia Nominal | CRI | K | Lm / W | Lm de Salida |
|------------------|-----|------|--------|--------------|
| 1,4W | >60 | 3000 | 101 | 32,5 |

Características de fuente de luz

- Color temperatura disponible 3000K (cálido).
- Potencia de Salida: 0,32W.

Light efficiency:



Light quality:



Color temperature:



Output: 32,5 lm

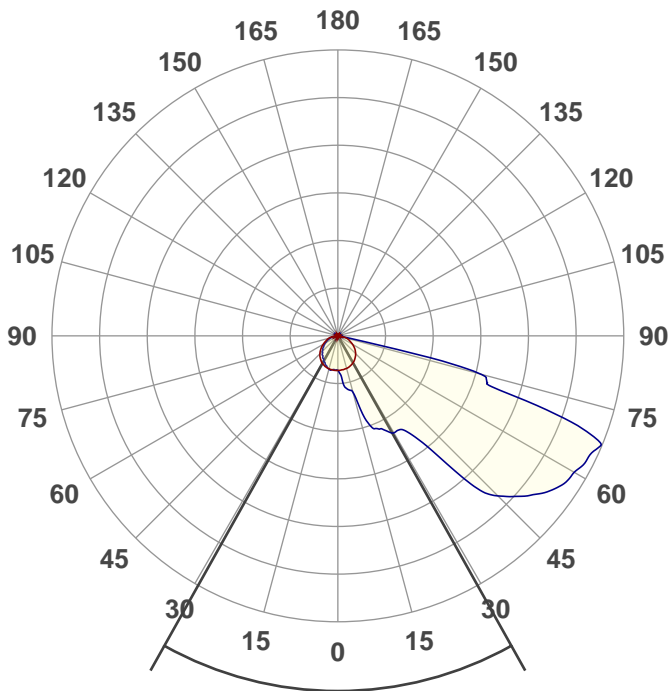
Peak: 28,6 cd

Power: 0,32 W

PF: 0,33



Product name:
E0201-WPL8118



Beam angle
58,5°



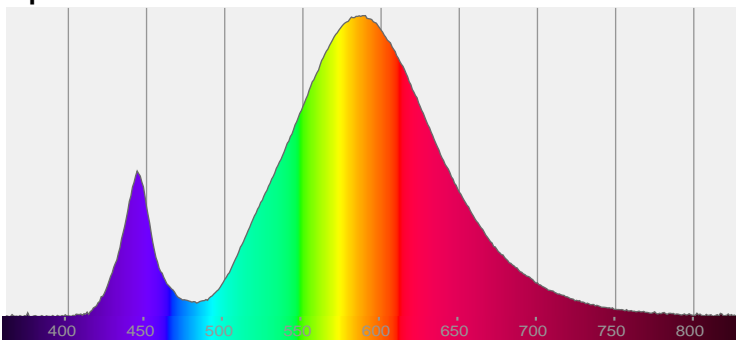
CIE 1931
x: 0,446
y: 0,423

THD Values:

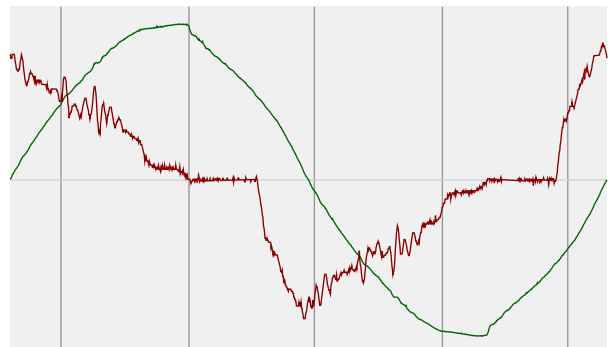
Voltage: 2,91%

Current: 36,36%

Spectra

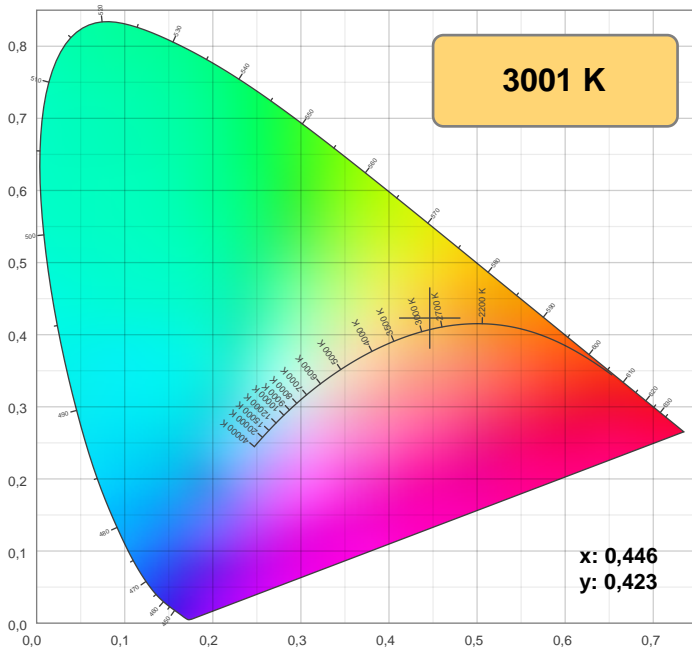


Power



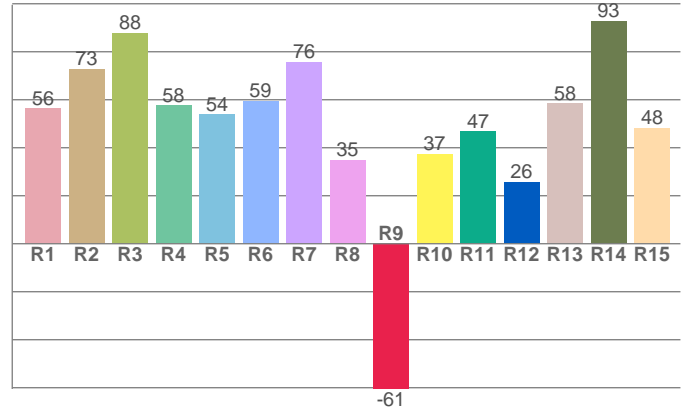
Voltage: 116 V
Current: 0,009 A
Frequency: 60 Hz

Color details



CIE 1931

CRI: 62,3 (R1-R8)

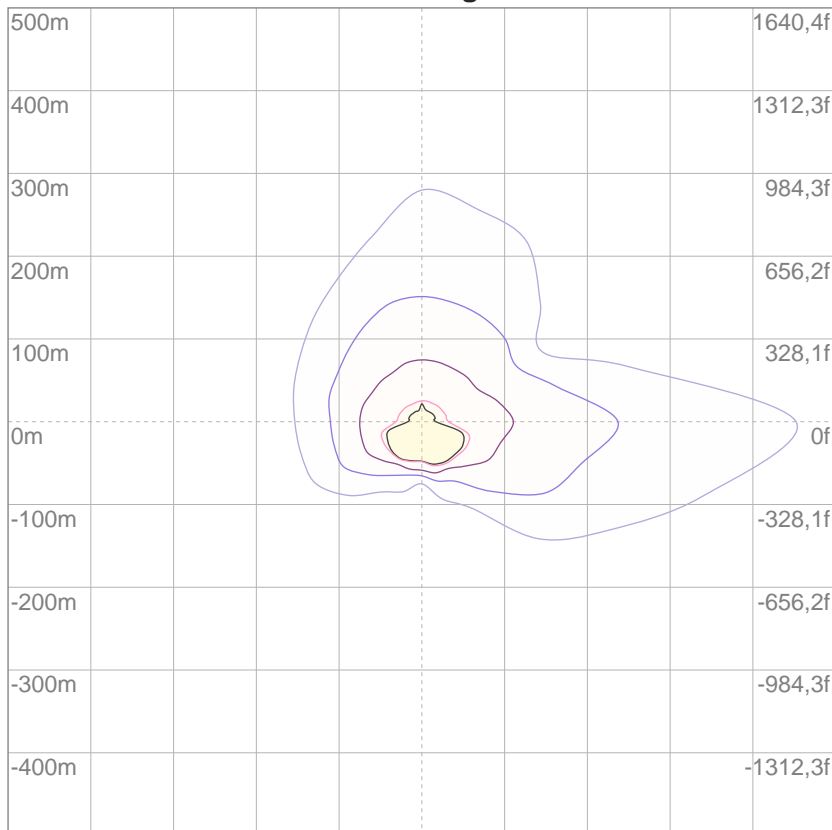


CRI R values, only R1-R8 are used to calculate final CRI value

| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | 9 | R10 | R11 | R12 | R13 | R14 | R15 |
|------|------|------|------|------|------|------|------|-------|------|------|------|------|------|------|
| 56,3 | 72,6 | 87,7 | 57,6 | 53,8 | 59,4 | 75,8 | 34,8 | -60,5 | 37,2 | 46,7 | 25,6 | 58,4 | 92,8 | 48,1 |

ISO Diagrams

ISO lux diagram



Mounting height: 10 meters (33 f)

- 3% 1,04m lx
- 5% 1,74m lx
- 10% 3,48m lx
- 30% 10,4m lx
- 50% 17,4m lx

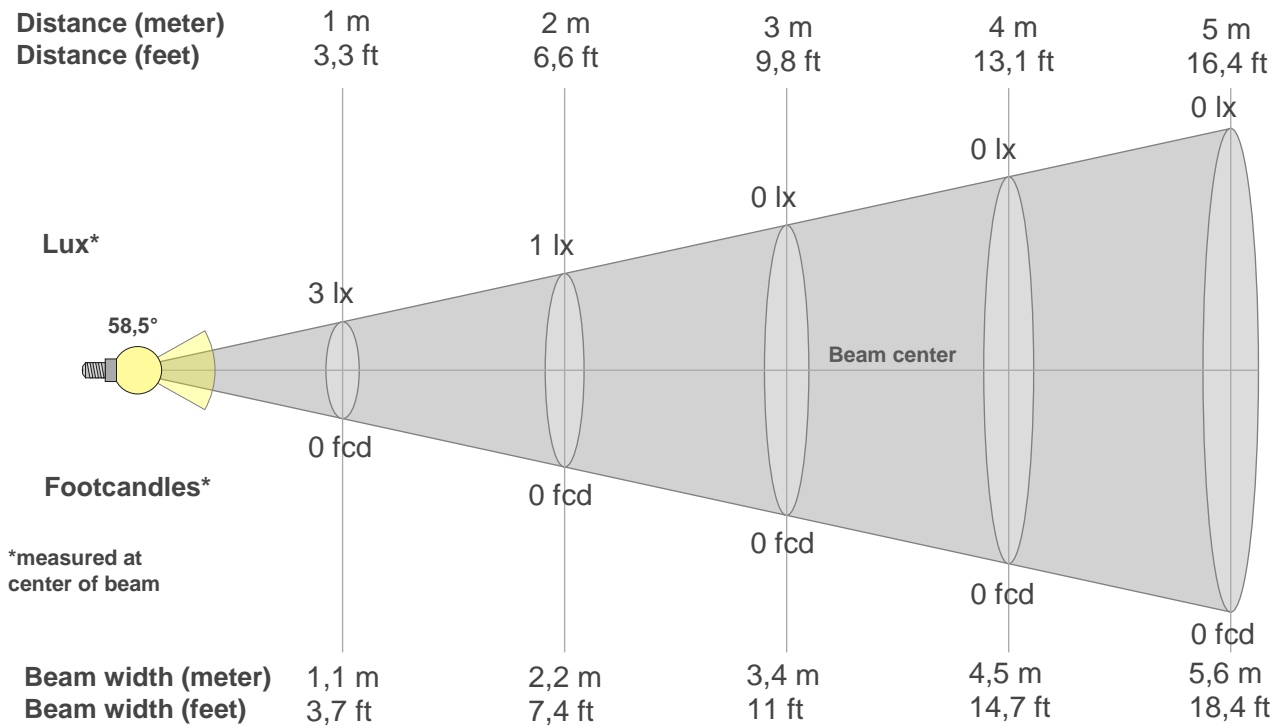
Conditions:

Number of c-planes: 12

Lux at center: 34,8m 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 |
| 3lx | 1lx | 0lx | 0lx | 0lx | 0lx | 0lx | 0lx | 0lx | 0lx | 0lx | 0lx | 0lx | 0lx | 0lx | 0lx | 0lx | 0lx | 0lx | 0lx |
| 0,3fcd | 0,1fcd | 0fcd | 0fcd | 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° |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 3,48 | 3,46 | 3,43 | 3,39 | 3,32 | 3,21 | 3,08 | 2,93 | 2,74 | 2,52 | 2,28 | 2,01 | 1,70 | 1,40 | 1,17 | 0,89 | 0,52 | 0,17 | 0,00 | 0,00 |
| 100% | 100% | 99% | 97% | 95% | 92% | 89% | 84% | 79% | 73% | 66% | 58% | 49% | 40% | 34% | 25% | 15% | 5% | 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° |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|
| 3,5 | 4,1 | 5,4 | 5,9 | 9,7 | 10,3 | 11,3 | 11,6 | 16,0 | 22,7 | 25,0 | 26,7 | 27,4 | 28,1 | 24,0 | 14,7 | 0,4 | 0,1 | 0,0 | 0,0 |
| 100% | 119% | 156% | 169% | 278% | 296% | 324% | 333% | 461% | 654% | 719% | 768% | 789% | 807% | 690% | 422% | 12% | 2% | 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° |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 3,48 | 3,48 | 3,46 | 3,43 | 3,37 | 3,27 | 3,16 | 2,98 | 2,78 | 2,55 | 2,28 | 2,01 | 1,70 | 1,41 | 1,17 | 0,94 | 0,68 | 0,34 | 0,04 | 0,00 |
| 100% | 100% | 99% | 99% | 97% | 94% | 91% | 86% | 80% | 73% | 66% | 58% | 49% | 41% | 34% | 27% | 19% | 10% | 1% | 0% |

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° |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 3,48 | 3,43 | 3,47 | 3,45 | 3,25 | 3,04 | 2,85 | 2,65 | 2,45 | 2,22 | 1,98 | 1,74 | 1,46 | 1,18 | 0,94 | 0,69 | 0,46 | 0,24 | 0,01 | 0,01 |
| 100% | 99% | 100% | 99% | 94% | 87% | 82% | 76% | 70% | 64% | 57% | 50% | 42% | 34% | 27% | 20% | 13% | 7% | 0% | 0% |

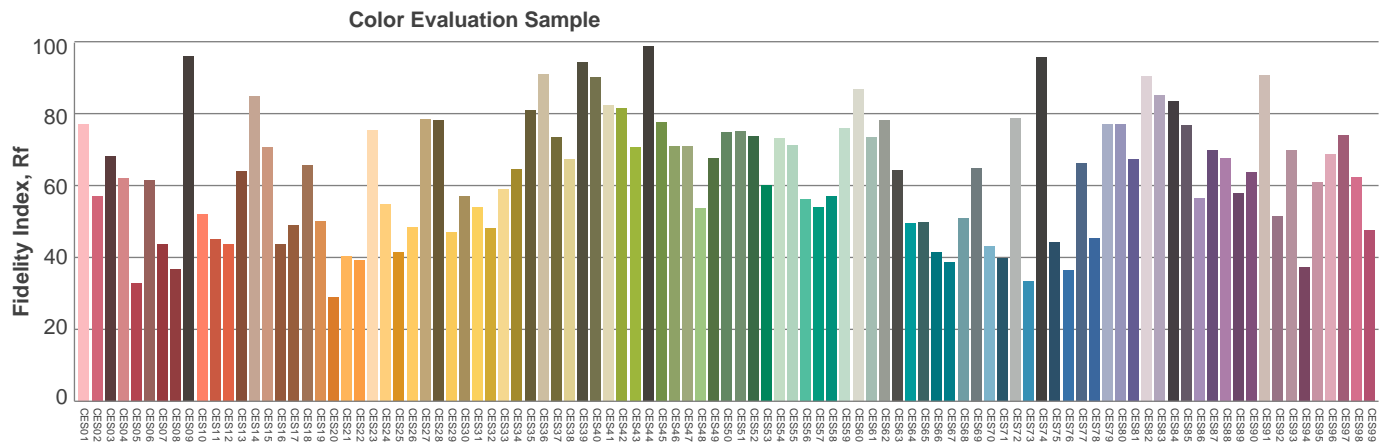
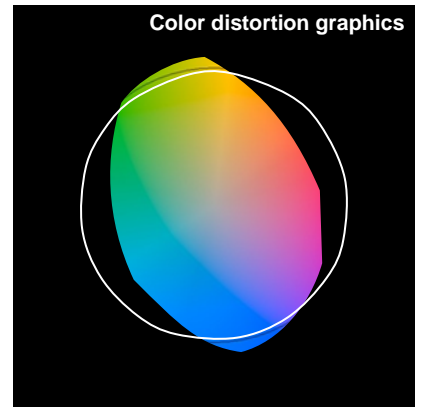
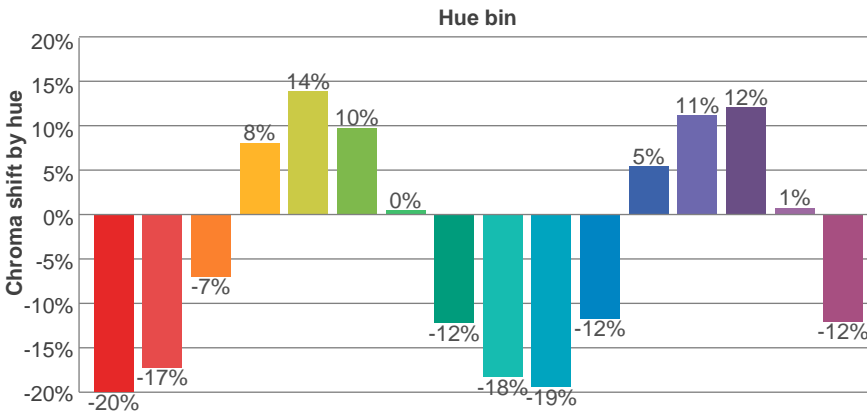
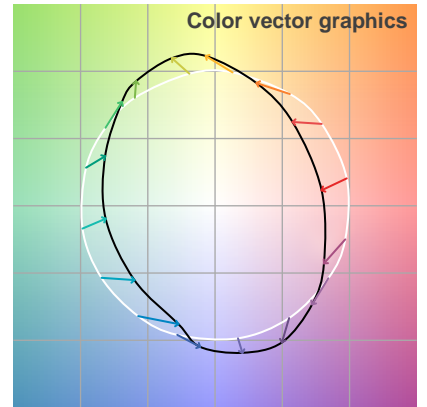
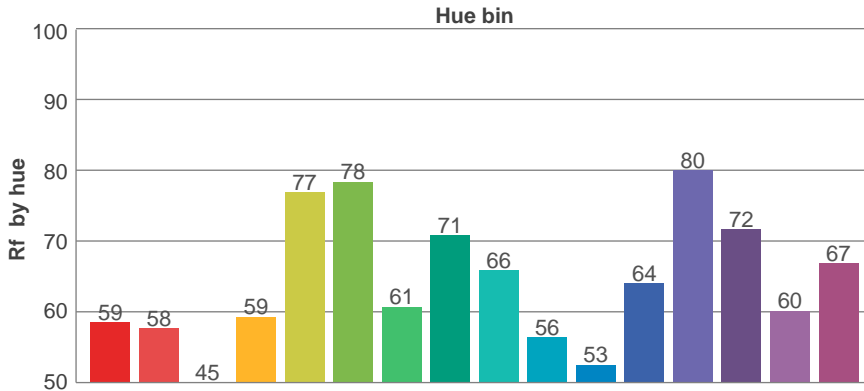
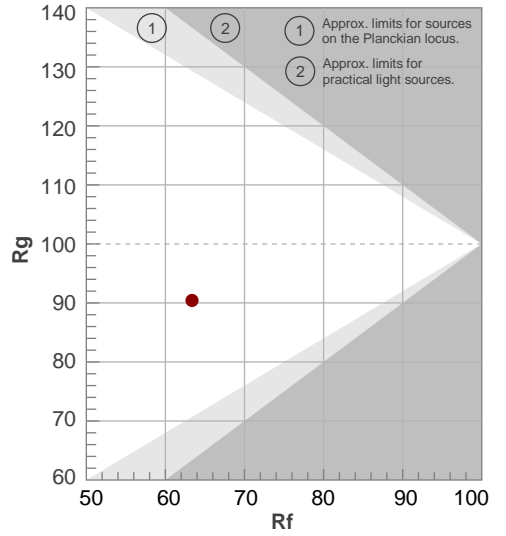
| Beam angle 50% | Field angle 10% | Cutoff angle 2,5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|----------------|-----------------|-------------------|------------------------------|-----------------------------|
| 58,5° | 137,6° | 163,8° | 63,0% | 30,9% |

TM30 details

Rf 63,4
Fidelity index Rf

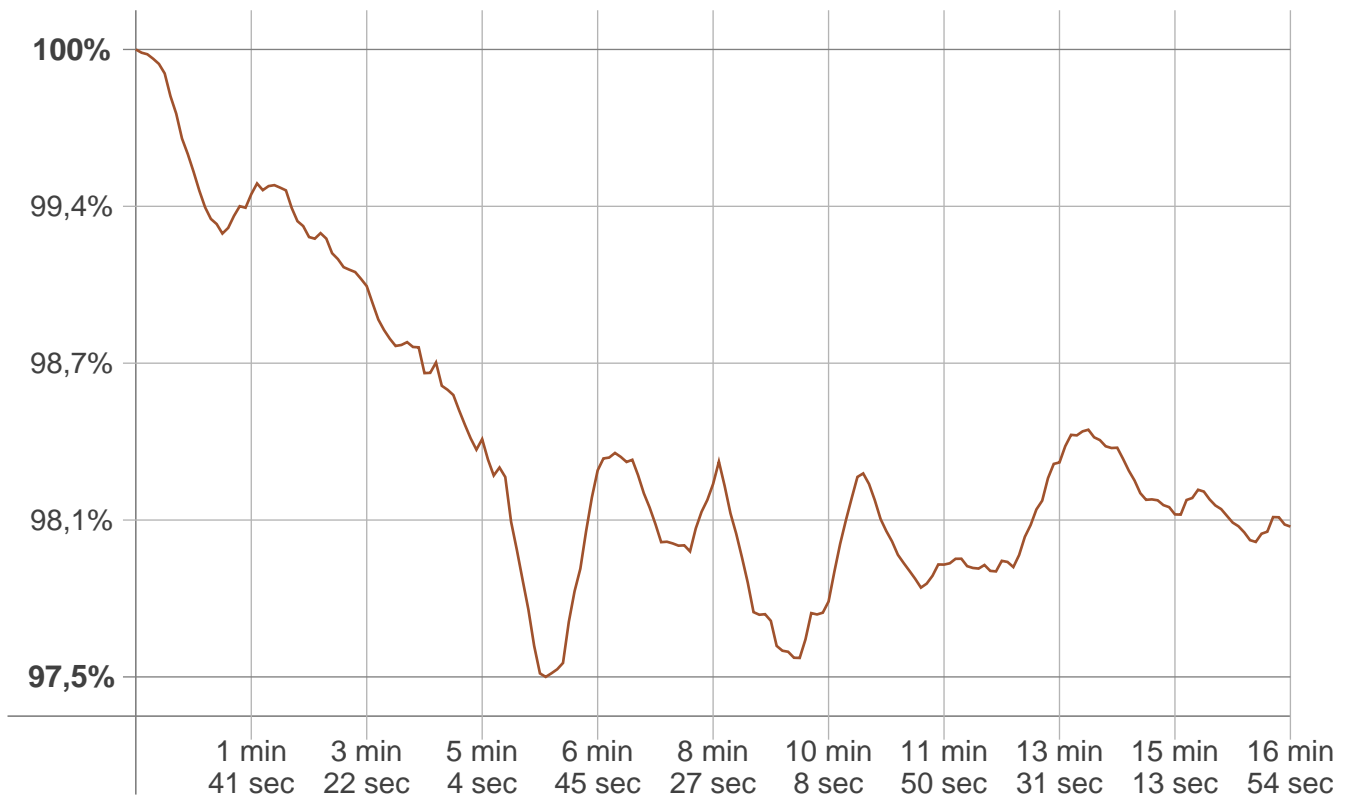
Rg 90,4
Gammut index Rg

| Hue Bin | R _f | Graphic shifts (%) | |
|---------|----------------|--------------------|------|
| | | Chroma | Hue |
| 1 | 59 | -20% | -5% |
| 2 | 58 | -17% | 13% |
| 3 | 45 | -7% | 25% |
| 4 | 59 | 8% | 22% |
| 5 | 77 | 14% | 10% |
| 6 | 78 | 10% | -8% |
| 7 | 61 | 0% | -23% |
| 8 | 71 | -12% | -11% |
| 9 | 66 | -18% | -4% |
| 10 | 56 | -19% | 15% |
| 11 | 53 | -12% | 28% |
| 12 | 64 | 5% | 18% |
| 13 | 80 | 11% | 1% |
| 14 | 72 | 12% | -14% |
| 15 | 60 | 1% | -23% |
| 16 | 67 | -12% | -21% |



Stabilization

Warmup curve



Warmup result

| | |
|------------------|---------------|
| Warmup time: | 16 min 54 sec |
| Warmup variation | -2,5% |

Warmup conditions

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

Color temperature change

| CCT start | CCT change | CCT end |
|-----------|------------|---------|
| 2988 K | +13 K | 3001 K |

Output change

| Output start | Output change | Output end |
|--------------|---------------|------------|
| 33,0 lm | -0,5 lm | 32,5 lm |