**Light efficiency:**

24 Lumen/Watt

**Light quality:**

CRI: 0.0

**Color temperature:**

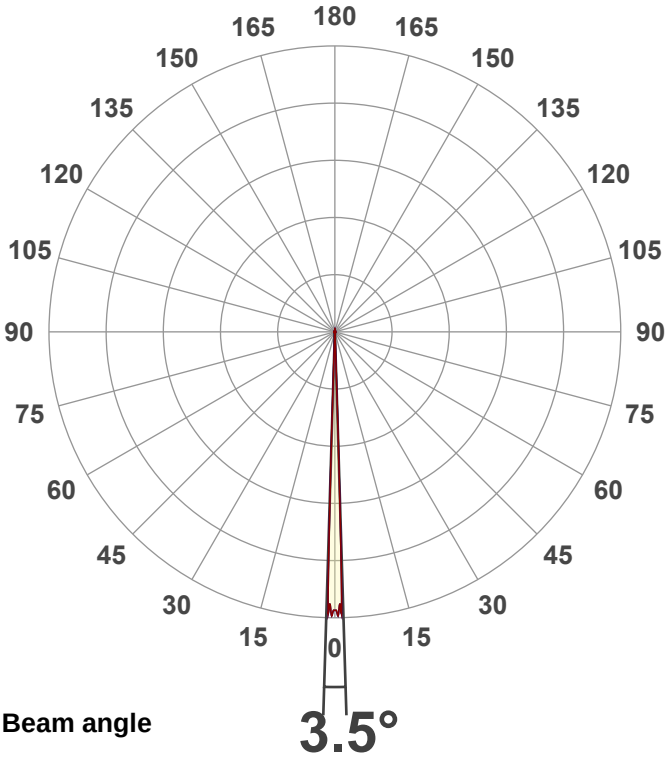
0 K

**Output:** 2213 lm

**Peak:** 45857 cd

**Power:** 91.1 W

**PF:** 1.0




**Beam angle** 3.5°

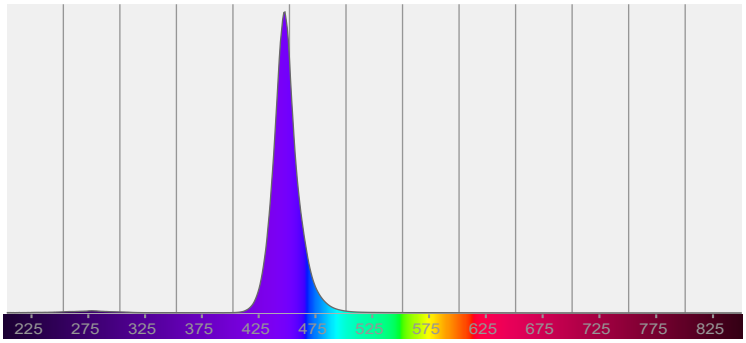
**Product name:**
**Vizi Xtreme (Zoom Narrow,Blue)**

**Item number:**

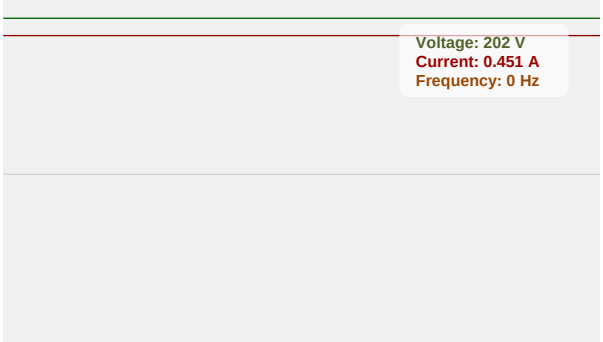
**Date and time:**
**8/27/2026 12:33:51 PM**

**CIE 1931**
**x: 0.157**
**y: 0.022**

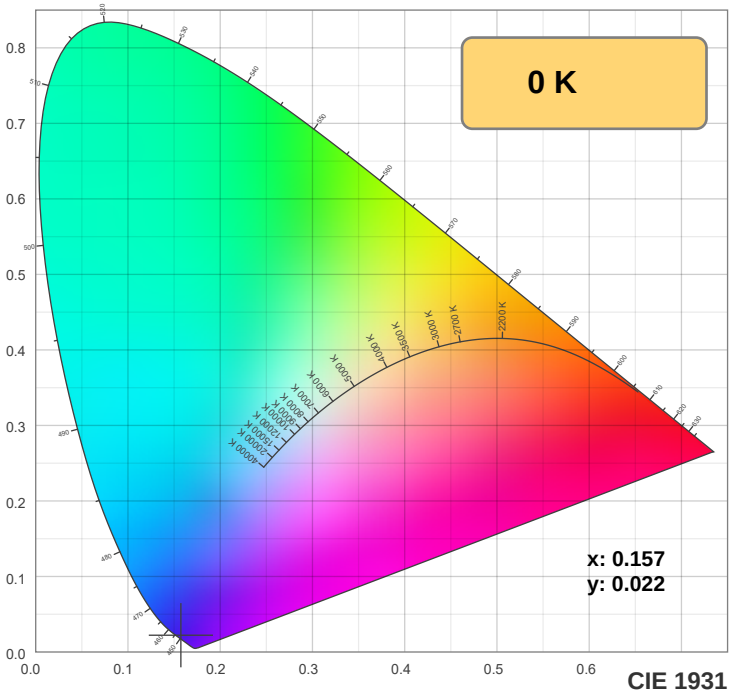
**Spectra**



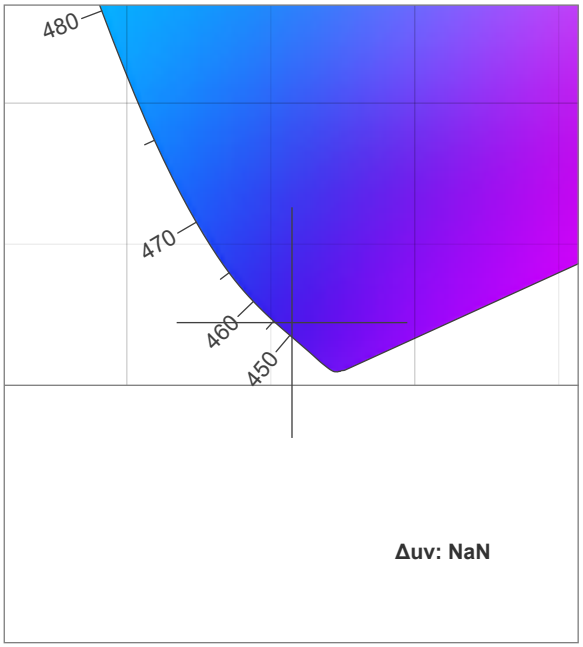

**Power**



# Color details

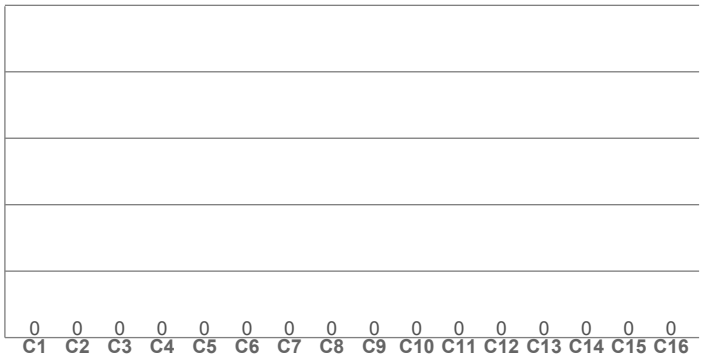



CIE 1931

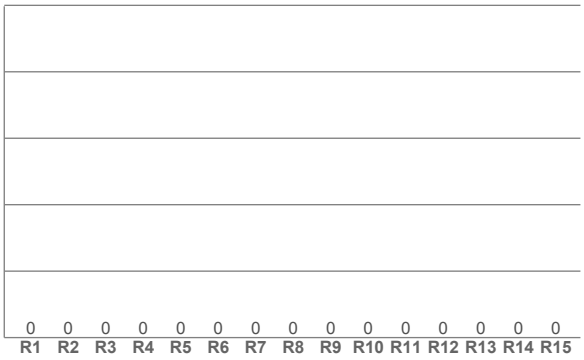



CIE 1931 ZOOM

## TM-30: 0.0




## CRI: 0.0 (R1-R8)




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

| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

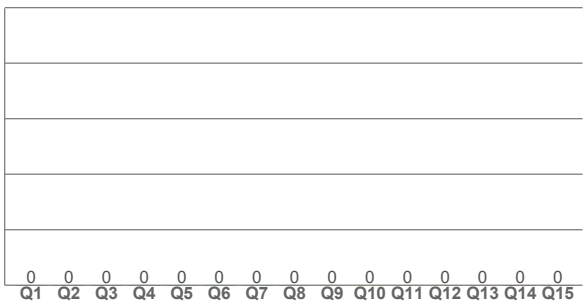
TM30 C values, 16 binned values out of total of 99 C values

| C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 | C13 | C14 | C15 | C16 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

CQS Q values

| Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 | Q9 | Q10 | Q11 | Q12 | Q13 | Q14 | Q15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

## CQS: 0.0




## Color parameters

| Color temperature | Color rendering index | Red component | Color fidelity | Color gamut | Color quality scale | Color coordinate cie 1931 | Color coordinate cie 1931 | Color coordinate | Color coordinate | Color diviation from black body |
|---|---|---|---|---|---|---|---|---|---|---|
| CCT | CRI | CRI R9 | TM30 Rf | TM30 Rg | CQS | x | y | u | v | Δuv |
| 0 K | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.157 | 0.022 | 0.213 | 0.045 | NaN |

# TM-30 details

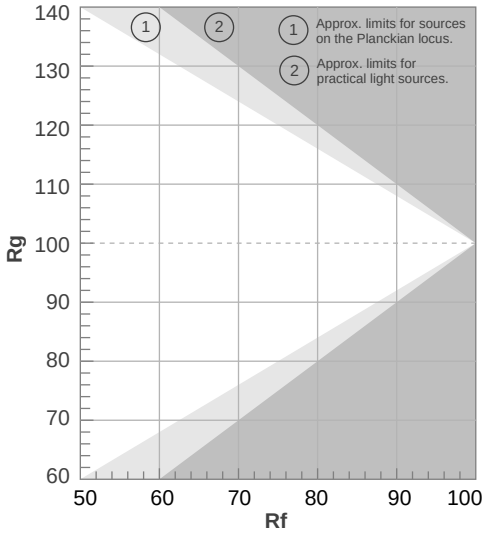
**Rf 0.0**

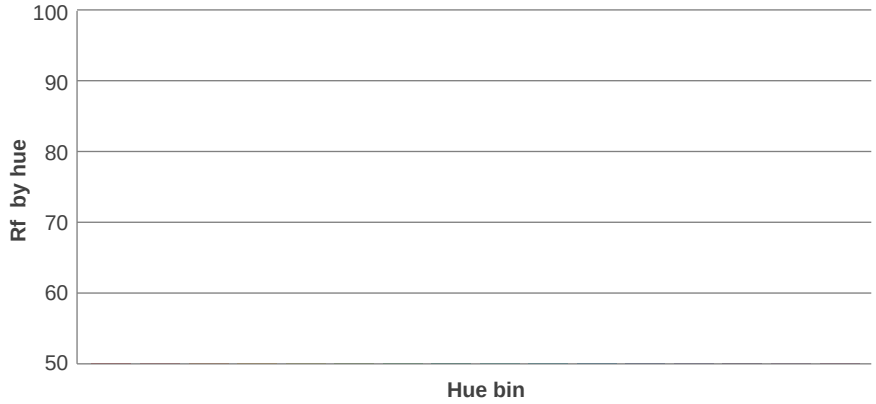
Fidelity index Rf

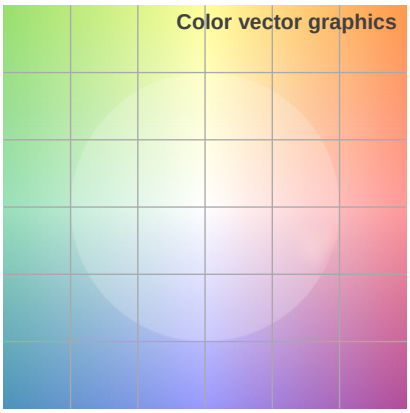
**Rg 0.0**

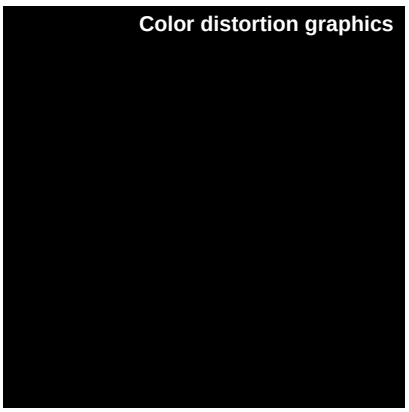
Gamut index Rg

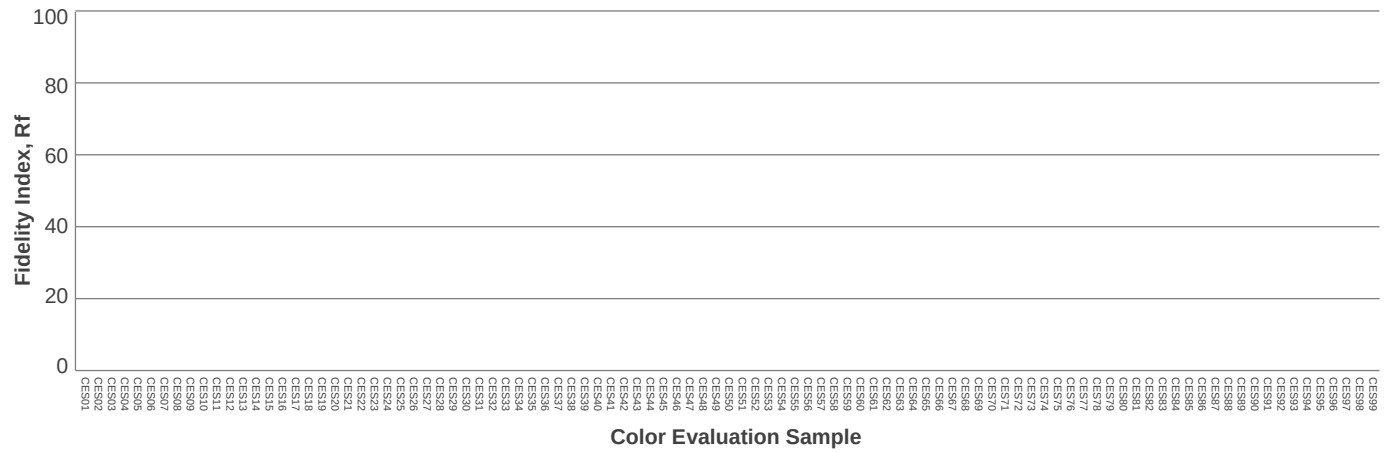
| | | Shifts (%) | |
|---|---|---|---|
| Hue Bin | $R_f$ | Chroma | Hue |
| 1 | 0 | 0% | 0% |
| 2 | 0 | 0% | 0% |
| 3 | 0 | 0% | 0% |
| 4 | 0 | 0% | 0% |
| 5 | 0 | 0% | 0% |
| 6 | 0 | 0% | 0% |
| 7 | 0 | 0% | 0% |
| 8 | 0 | 0% | 0% |
| 9 | 0 | 0% | 0% |
| 10 | 0 | 0% | 0% |
| 11 | 0 | 0% | 0% |
| 12 | 0 | 0% | 0% |
| 13 | 0 | 0% | 0% |
| 14 | 0 | 0% | 0% |
| 15 | 0 | 0% | 0% |
| 16 | 0 | 0% | 0% |



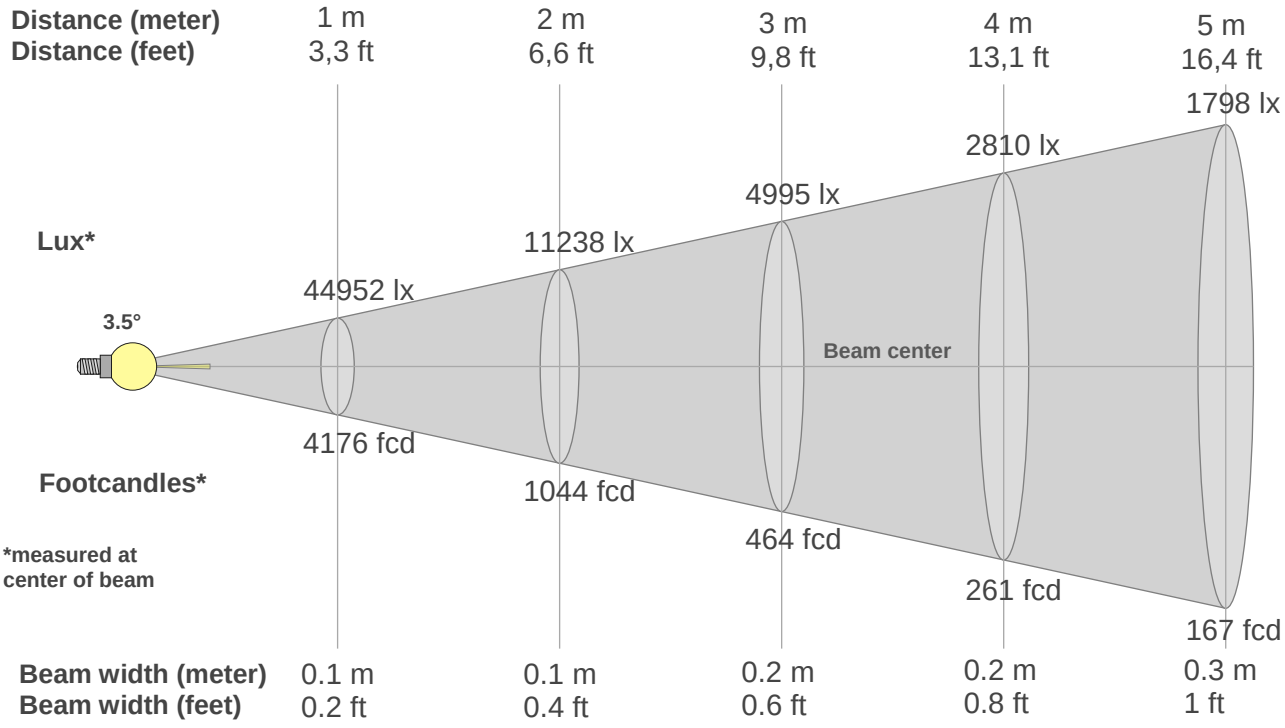





# Beam details




**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 |
| 44952lx | 11238lx | 4995lx | 2810lx | 1798lx | 1249lx | 917lx | 702lx | 555lx | 450lx | 372lx | 312lx | 266lx | 229lx | 200lx | 176lx | 156lx | 139lx | 125lx | 112lx |
| 4176.2fcd | 1044fcd | 464fcd | 261fcd | 167fcd | 116fcd | 85.2fcd | 65.3fcd | 51.6fcd | 41.8fcd | 34.5fcd | 29fcd | 24.7fcd | 21.3fcd | 18.6fcd | 16.3fcd | 14.5fcd | 12.9fcd | 11.6fcd | 10.4fcd |

**Intensities in 0° c-plane**

| 0° | 1° | 2° | 3° | 4° | 5° | 6° | 7° | 8° | 9° | 10° | 11° | 12° | 13° | 14° | 15° | 16° | 17° | 18° | 19° |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 45.0k | 44.1k | 3.8k | 0.2k | 0.2k | 0.2k | 0.2k | 0.2k | 0.2k | 0.2k | 0.2k | 0.2k | 0.2k | 0.2k | 0.2k | 0.2k | 0.2k | 0.2k | 0.2k | 0.2k |
| 100% | 98% | 9% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |

**Intensities in 90° c-plane**

| 0° | 1° | 2° | 3° | 4° | 5° | 6° | 7° | 8° | 9° | 10° | 11° | 12° | 13° | 14° | 15° | 16° | 17° | 18° | 19° |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 45.0k | 44.1k | 3.8k | 0.2k | 0.2k | 0.2k | 0.2k | 0.2k | 0.2k | 0.2k | 0.2k | 0.2k | 0.2k | 0.2k | 0.2k | 0.2k | 0.2k | 0.2k | 0.2k | 0.2k |
| 100% | 98% | 9% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |

**Intensities in 180° c-plane**

| 0° | 1° | 2° | 3° | 4° | 5° | 6° | 7° | 8° | 9° | 10° | 11° | 12° | 13° | 14° | 15° | 16° | 17° | 18° | 19° |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 45.0k | 44.1k | 3.8k | 0.2k | 0.2k | 0.2k | 0.2k | 0.2k | 0.2k | 0.2k | 0.2k | 0.2k | 0.2k | 0.2k | 0.2k | 0.2k | 0.2k | 0.2k | 0.2k | 0.2k |
| 100% | 98% | 9% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |

**Intensities in 270° c-plane**

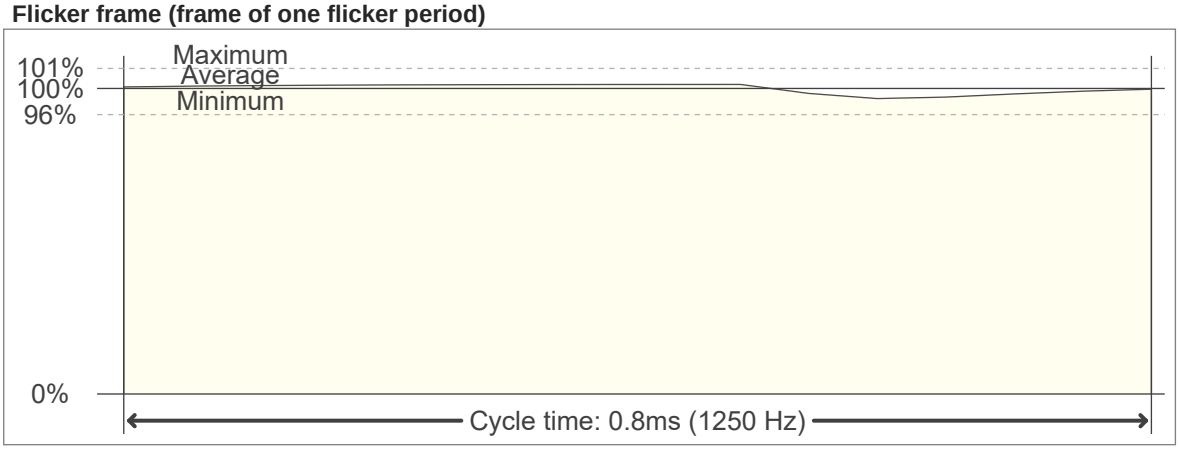
| 0° | 1° | 2° | 3° | 4° | 5° | 6° | 7° | 8° | 9° | 10° | 11° | 12° | 13° | 14° | 15° | 16° | 17° | 18° | 19° |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 45.0k | 44.1k | 3.8k | 0.2k | 0.2k | 0.2k | 0.2k | 0.2k | 0.2k | 0.2k | 0.2k | 0.2k | 0.2k | 0.2k | 0.2k | 0.2k | 0.2k | 0.2k | 0.2k | 0.2k |
| 100% | 98% | 9% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |

| Beam angle 50% | Field angle 10% | Cutoff angle 2,5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|---|---|---|---|---|
| 3.5° | 4° | 4.2° | 29.5% | 19.7% |

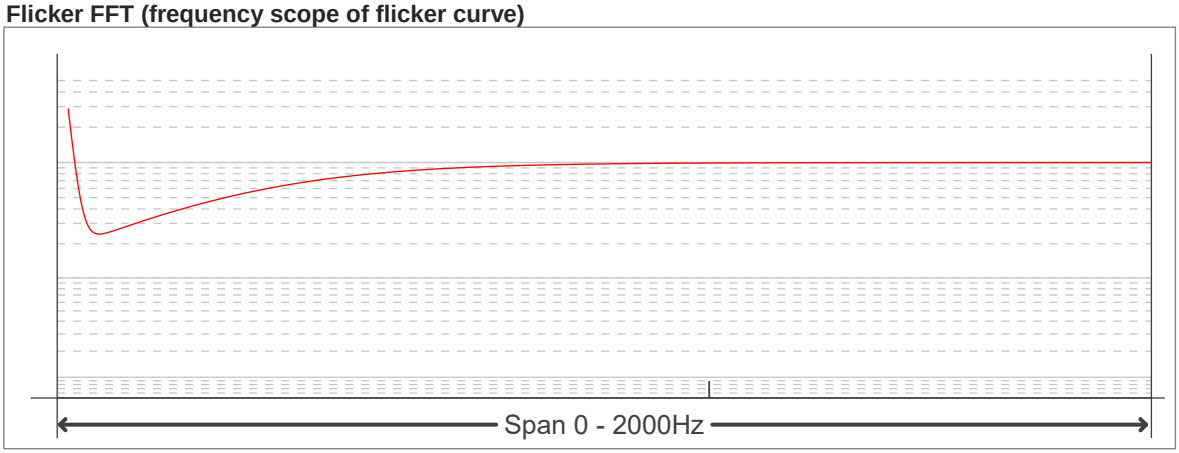
# Flicker

**Flicker curve (complete sampled flicker signal)**

**Flicker frame (frame of one flicker period)**




**Flicker FFT (frequency scope of flicker curve)**




**Flicker results:**

| Flicker frequency: | | 1250 Hz | |
|---|---|---|---|
| Flicker index: | 0.01 | JA8/10 40Hz | 0.32 % |
| Flicker percentage: | 2.82 % | JA8/10 90Hz | 0.42 % |
| SVM: (Visual flicker) | 0.02 | JA8/10 200Hz | 0.46 % |
| PstLM | 0 | JA8/10 400Hz | 0.47 % |
| Mp | 0.18 | JA8/10 1000Hz | 0.84 % |

**Flicker conditions:**

| | |
|---|---|
| Sample rate: | 20000 samples/second |