

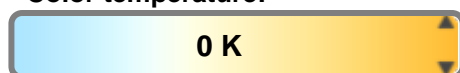
Light efficiency:



Light quality:



Color temperature:

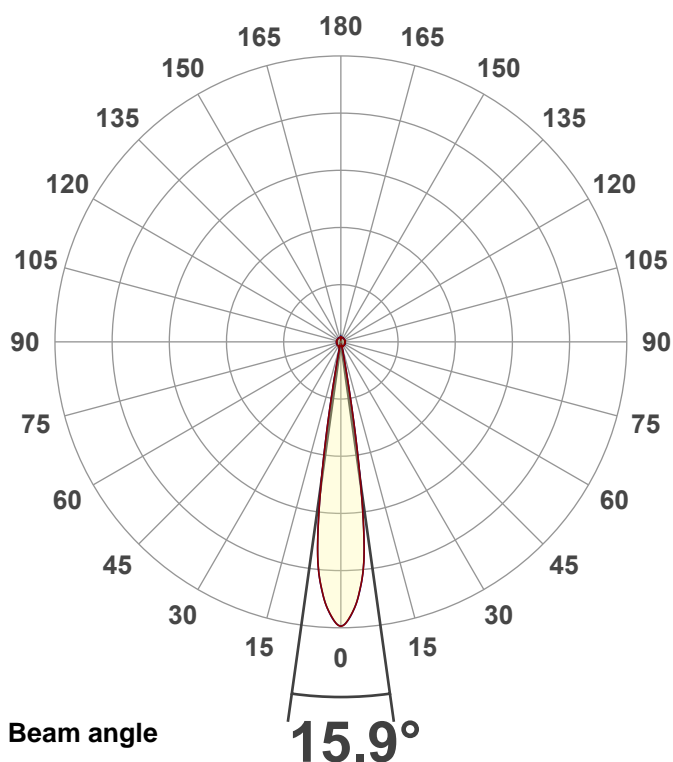


Output: 6787 lm
Peak: 26836 cd
Power: 199.5 W
PF: 1.0



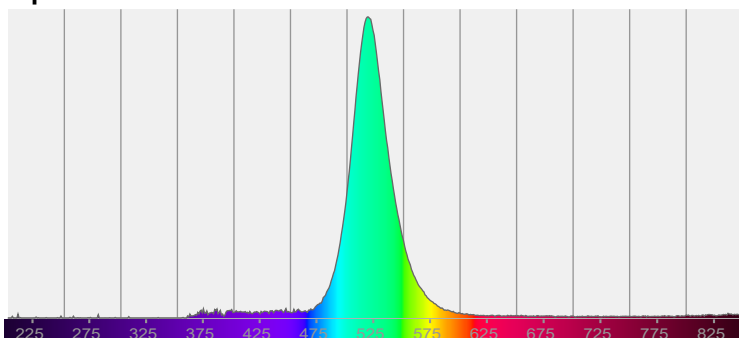
Product name:
Hydro Flex L7 (Zoom 50% Green)
Item number:

Date and time:
8/25/2025 10:55:49 AM

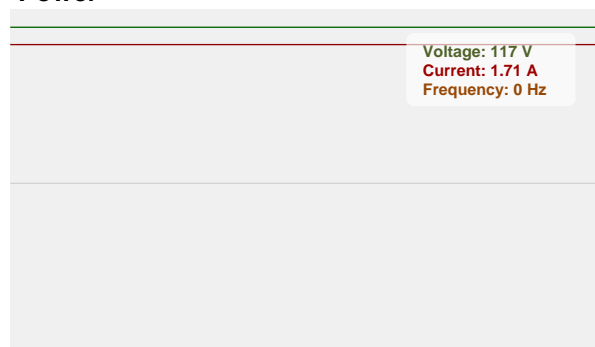


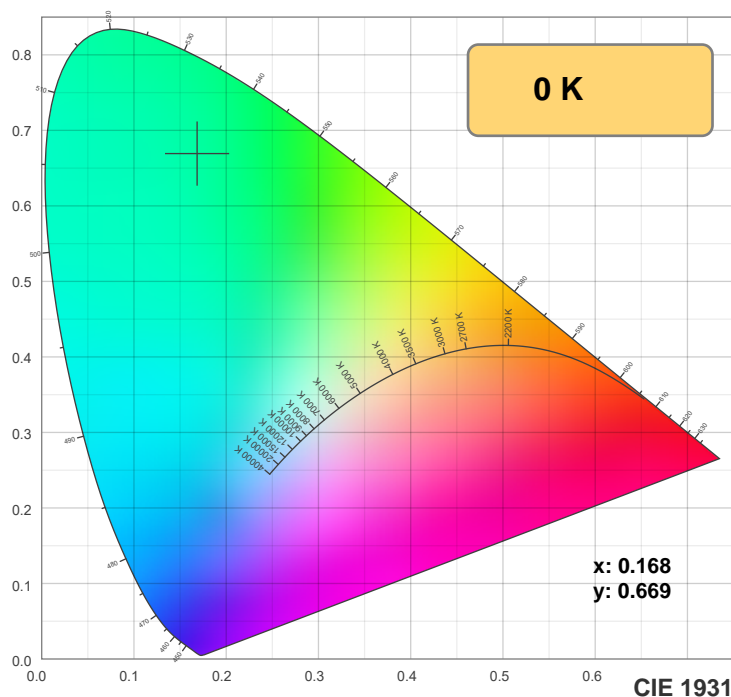
CIE 1931
x: 0.168
y: 0.669

Spectra

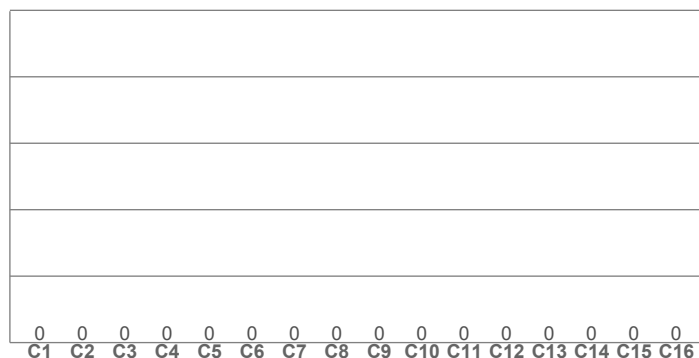


Power





TM-30: 0.0



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

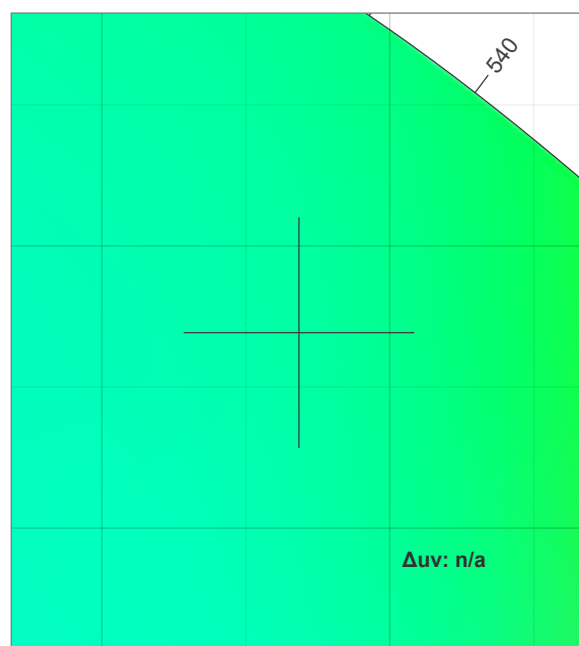
| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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 |

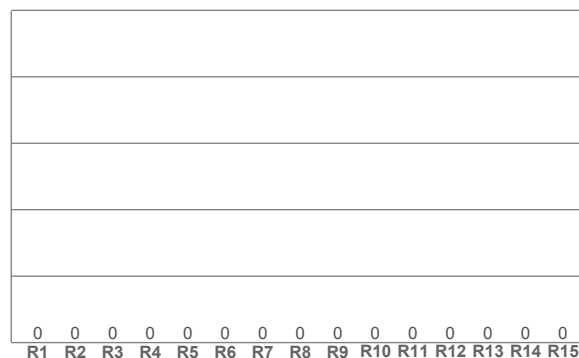
CQS Q values

| 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 |

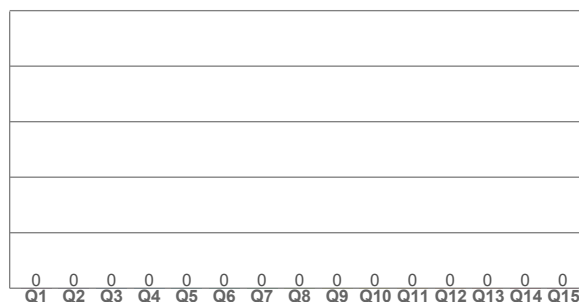


CIE 1931 ZOOM

CRI: 0.0 (R1-R8)



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 deviation 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 | 0.168 | 0.669 | 0.063 | 0.375 | n/a |

TM-30 details

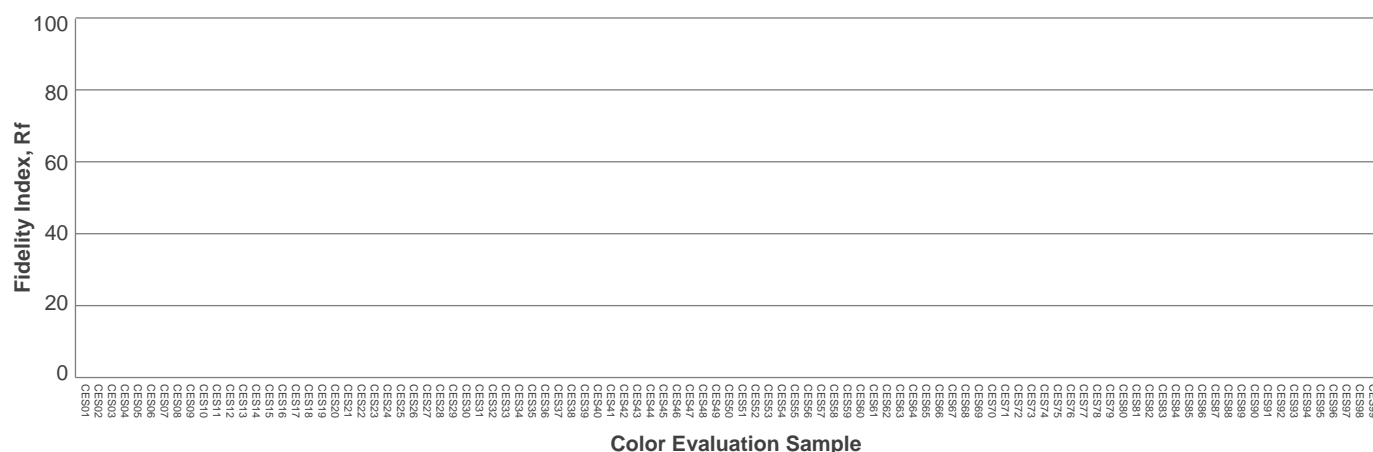
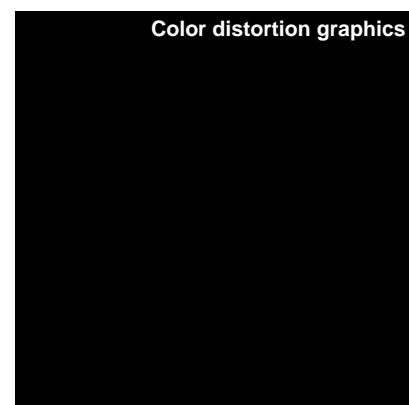
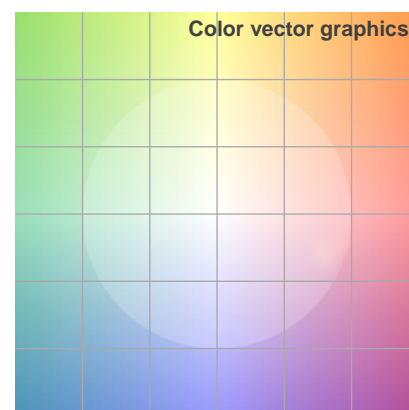
Rf 0.0

Fidelity index Rf

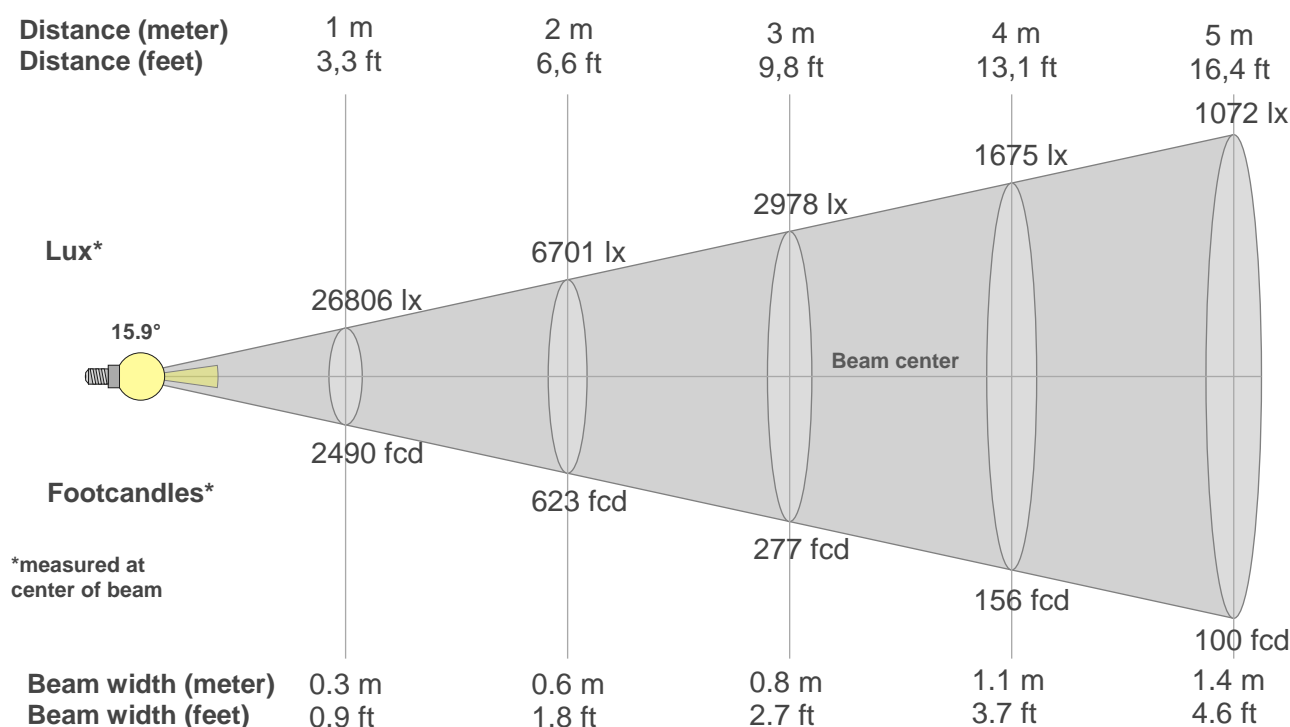
Rg 0.0

Gamut index Rg

| Hue Bin | R _i | Shifts (%) | |
|---------|----------------|------------|-----|
| | | 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 |
| 26806lx | 6701lx | 2978lx | 1675lx | 1072lx | 745lx | 547lx | 419lx | 331lx | 268lx | 222lx | 186lx | 159lx | 137lx | 119lx | 105lx | 93lx | 83lx | 74lx | 67lx |
| 2490.3fcd | 622.6fcd | 276.7fcd | 155.6fcd | 99.6fcd | 69.2fcd | 50.8fcd | 38.9fcd | 30.7fcd | 24.9fcd | 20.6fcd | 17.3fcd | 14.7fcd | 12.7fcd | 11.1fcd | 9.7fcd | 8.6fcd | 7.7fcd | 6.9fcd | 6.2fcd |

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° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|
| 26.8k | 26.6k | 25.9k | 25.1k | 24.0k | 22.6k | 20.7k | 17.6k | 13.2k | 8.4k | 4.1k | 1.5k | 0.7k | 0.5k | 0.5k | 0.5k | 0.5k | 0.4k | 0.4k | 0.4k |
| 100% | 99% | 97% | 94% | 90% | 84% | 77% | 65% | 49% | 31% | 15% | 6% | 3% | 2% | 2% | 2% | 2% | 2% | 2% | 2% |

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° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|
| 26.8k | 26.6k | 25.9k | 25.1k | 24.0k | 22.6k | 20.7k | 17.6k | 13.2k | 8.4k | 4.1k | 1.5k | 0.7k | 0.5k | 0.5k | 0.5k | 0.5k | 0.4k | 0.4k | 0.5k |
| 100% | 99% | 97% | 94% | 90% | 84% | 77% | 65% | 49% | 31% | 15% | 6% | 3% | 2% | 2% | 2% | 2% | 2% | 2% | 2% |

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° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|
| 26.8k | 26.6k | 25.9k | 25.1k | 24.0k | 22.6k | 20.7k | 17.6k | 13.2k | 8.4k | 4.1k | 1.5k | 0.7k | 0.5k | 0.5k | 0.5k | 0.5k | 0.4k | 0.4k | 0.4k |
| 100% | 99% | 97% | 94% | 90% | 84% | 77% | 65% | 49% | 31% | 15% | 6% | 3% | 2% | 2% | 2% | 2% | 2% | 2% | 2% |

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° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|
| 26.8k | 26.6k | 25.9k | 25.1k | 24.0k | 22.6k | 20.7k | 17.6k | 13.2k | 8.4k | 4.1k | 1.5k | 0.7k | 0.5k | 0.5k | 0.5k | 0.5k | 0.4k | 0.4k | 0.5k |
| 100% | 99% | 97% | 94% | 90% | 84% | 77% | 65% | 49% | 31% | 15% | 6% | 3% | 2% | 2% | 2% | 2% | 2% | 2% | 2% |

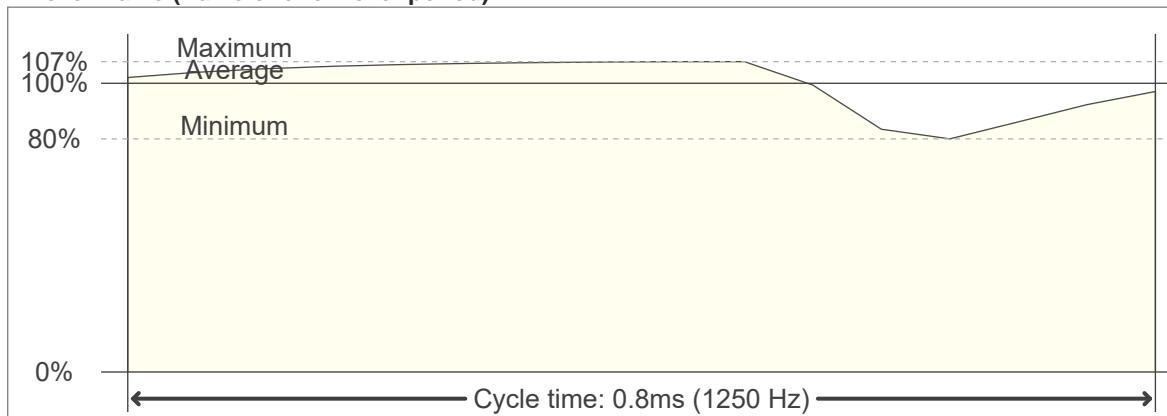
| Beam angle 50% | Field angle 10% | Cutoff angle 2,5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|----------------|-----------------|-------------------|------------------------------|-----------------------------|
| 15.9° | 20.8° | 24.1° | 43.5% | 35.1% |

Flicker

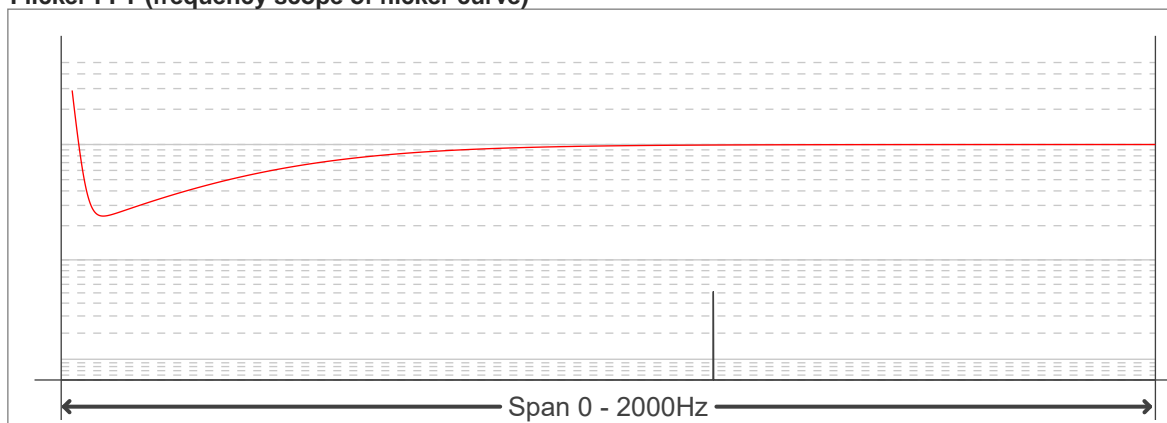
Flicker curve (complete sampled flicker signal)



Flicker frame (frame of one flicker period)



Flicker FFT (frequency scope of flicker curve)



Flicker results:

| Flicker frequency: | | 1250 Hz | |
|-----------------------|---------|---------------|--------|
| Flicker index: | 0.04 | JA8/10 40Hz | 0.14 % |
| Flicker percentage: | 14.97 % | JA8/10 90Hz | 0.29 % |
| SVM: (Visual flicker) | 0.1 | JA8/10 200Hz | 0.63 % |
| PstLM | 0 | JA8/10 400Hz | 1.21 % |
| Mp | 0.05 | JA8/10 1000Hz | 3.26 % |

Flicker conditions:

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