

Light efficiency:

0 Lumen/Watt

Light quality:

CRI: 0.0

Color temperature:

0 K

Output: 3.95 lm

Peak: 1.13 cd

Power: 9.6 W

PF: 0.62



Tracking number: [n/a](#)

Product name:

ElectraPix Par 7

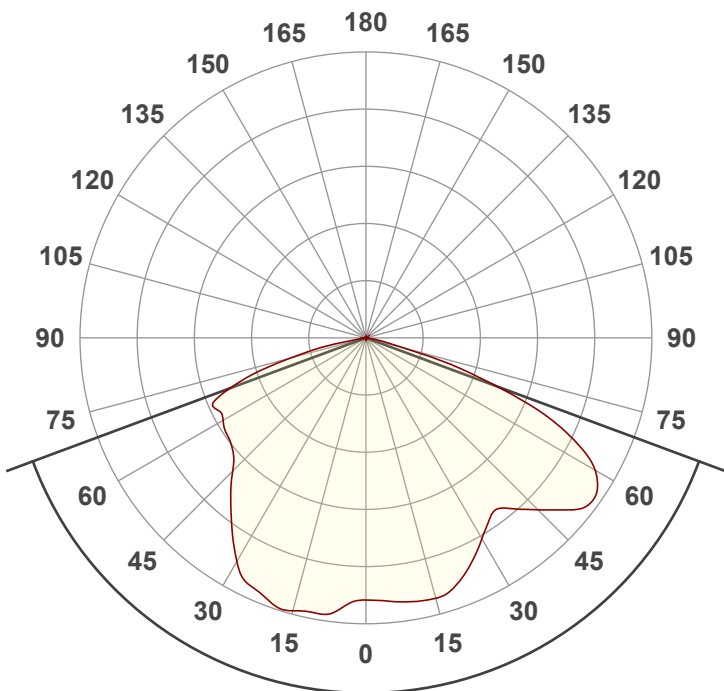
Item number:

B

Date and time:

9/6/2024 3:02:49 PM

Description:



Beam angle

139.3°

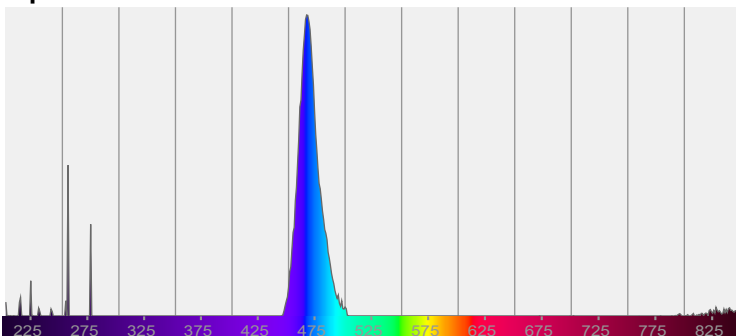


CIE 1931

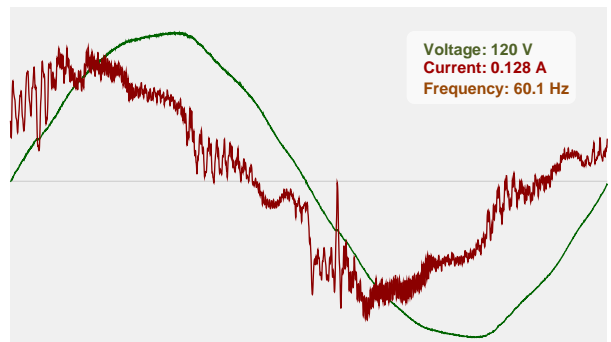
x: 0.128

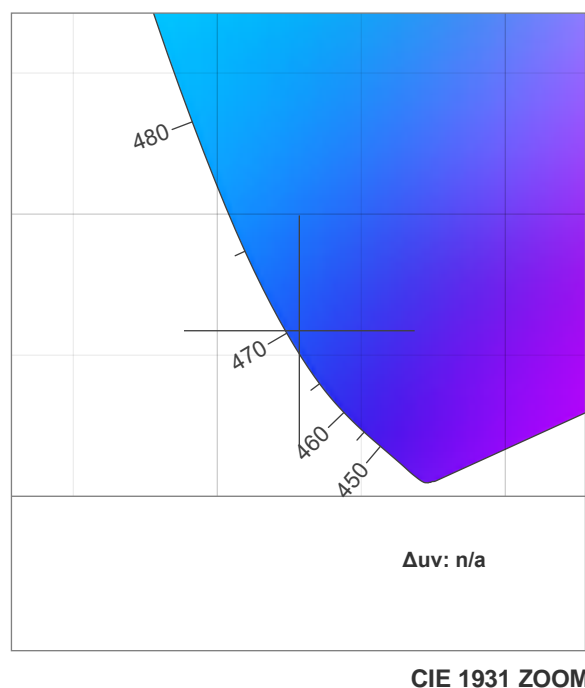
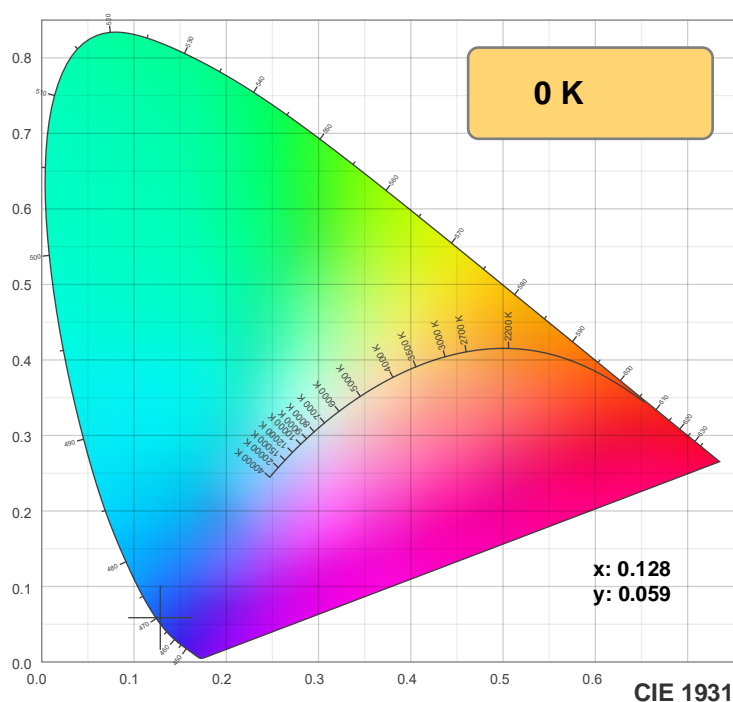
y: 0.059

Spectra

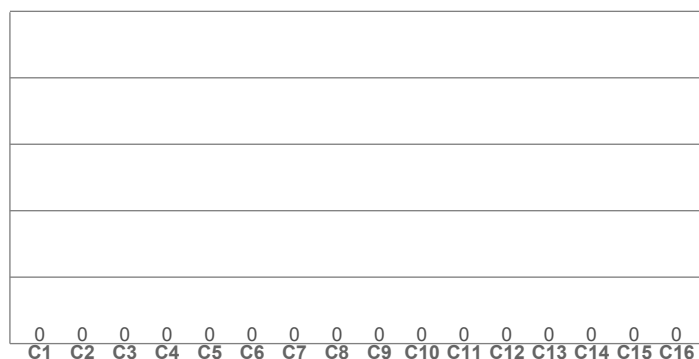


Power

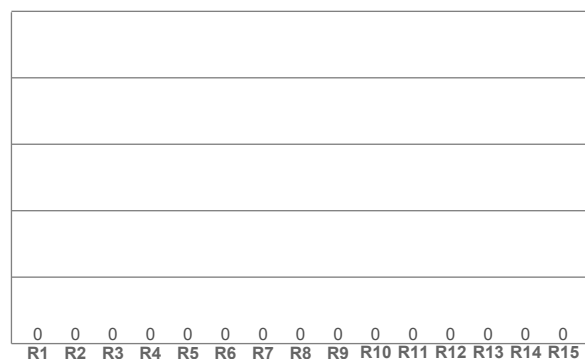




TM-30: 0.0



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 |

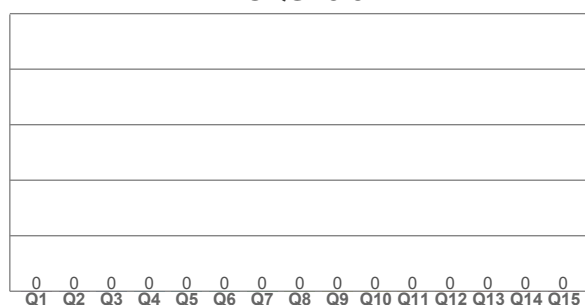
TM30 C values, 16 binned values out of total of 99 C values

| 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 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 | 0.128 | 0.059 | 0.149 | 0.102 | n/a |

TM-30 details

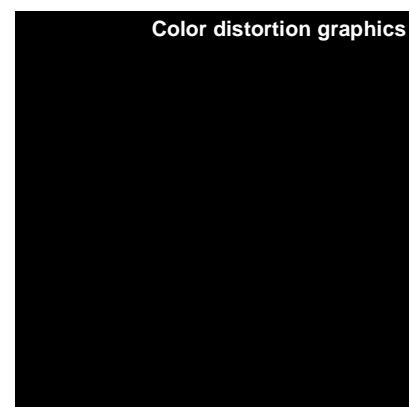
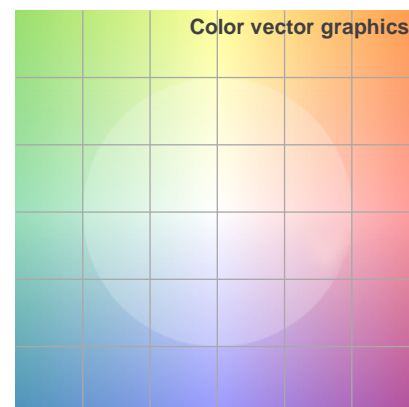
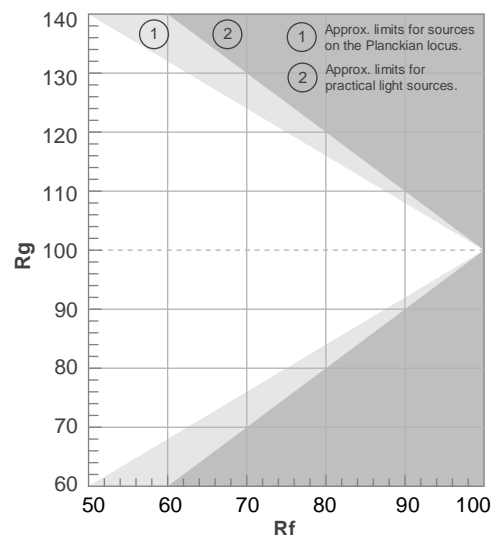
Rf 0.0

Fidelity index Rf

Rg 0.0

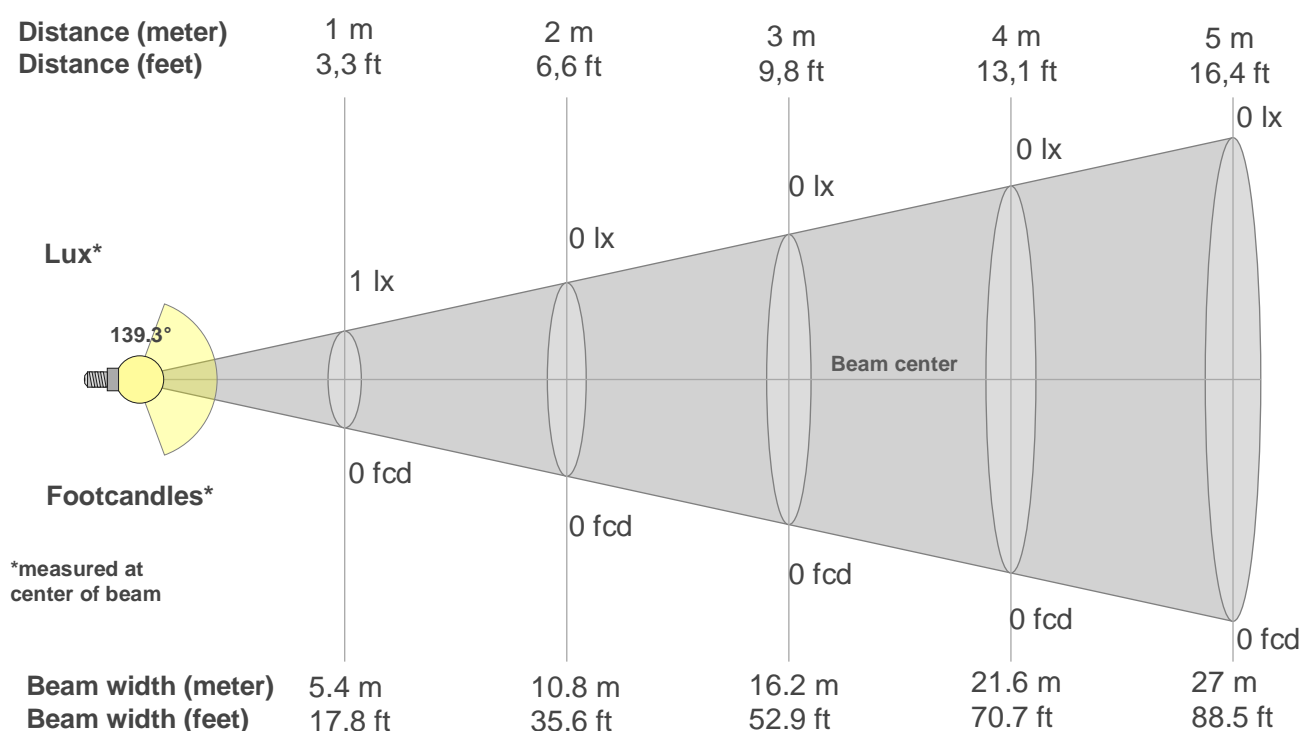
Gamut index Rg

| Hue Bin | R _t | 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% |



Color Evaluation Sample

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 |
| 1lx | 0lx | 0lx | 0lx | 0lx | 0lx | 0lx | 0lx | 0lx | 0lx | 0lx | 0lx | 0lx | 0lx | 0lx | 0lx | 0lx | 0lx | 0lx | 0lx |
| 0.1fcd | 0fcd | 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° |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1.05 | 1.05 | 1.06 | 1.07 | 1.04 | 0.99 | 0.92 | 0.87 | 0.89 | 0.97 | 1.06 | 1.10 | 1.04 | 0.85 | 0.54 | 0.21 | 0.04 | 0.00 | 0.00 | 0.00 |
| 100% | 101% | 102% | 102% | 100% | 94% | 88% | 83% | 85% | 93% | 101% | 105% | 99% | 82% | 52% | 20% | 3% | 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° |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1.05 | 1.05 | 1.06 | 1.07 | 1.04 | 0.99 | 0.92 | 0.87 | 0.89 | 0.97 | 1.06 | 1.10 | 1.04 | 0.85 | 0.54 | 0.21 | 0.04 | 0.00 | 0.00 | 0.00 |
| 100% | 101% | 102% | 102% | 100% | 94% | 88% | 83% | 85% | 93% | 101% | 105% | 99% | 82% | 52% | 20% | 3% | 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° |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1.05 | 1.08 | 1.11 | 1.12 | 1.11 | 1.08 | 1.02 | 0.93 | 0.84 | 0.75 | 0.70 | 0.67 | 0.66 | 0.65 | 0.55 | 0.32 | 0.10 | 0.01 | 0.00 | 0.00 |
| 100% | 103% | 106% | 107% | 106% | 104% | 98% | 89% | 80% | 72% | 66% | 64% | 63% | 62% | 53% | 31% | 10% | 1% | 0% | 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° |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1.05 | 1.08 | 1.11 | 1.12 | 1.11 | 1.08 | 1.02 | 0.93 | 0.84 | 0.75 | 0.70 | 0.67 | 0.66 | 0.65 | 0.55 | 0.32 | 0.10 | 0.01 | 0.00 | 0.00 |
| 100% | 103% | 106% | 107% | 106% | 104% | 98% | 89% | 80% | 72% | 66% | 64% | 63% | 62% | 53% | 31% | 10% | 1% | 0% | 0% |

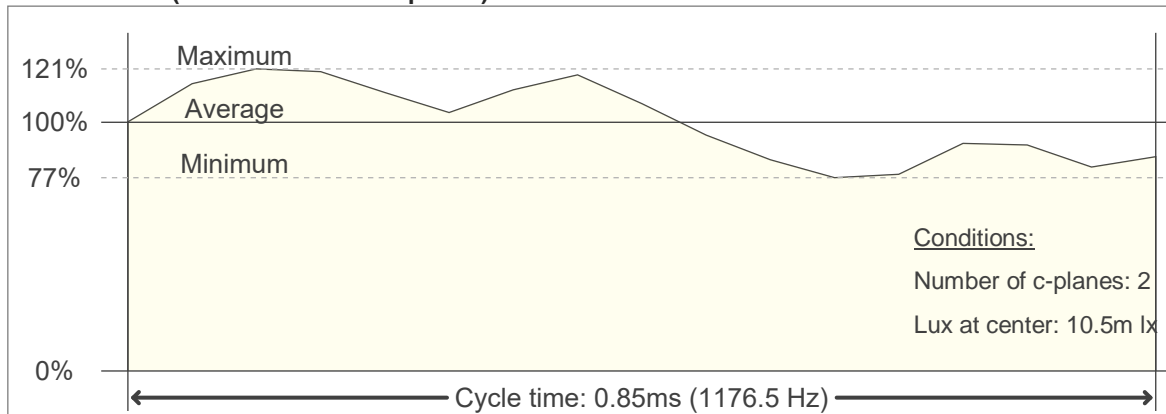
| Beam angle 50% | Field angle 10% | Cutoff angle 2,5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|----------------|-----------------|-------------------|------------------------------|-----------------------------|
| 139.3° | 156.3° | 162.3° | 73.8% | 45.0% |

Flicker

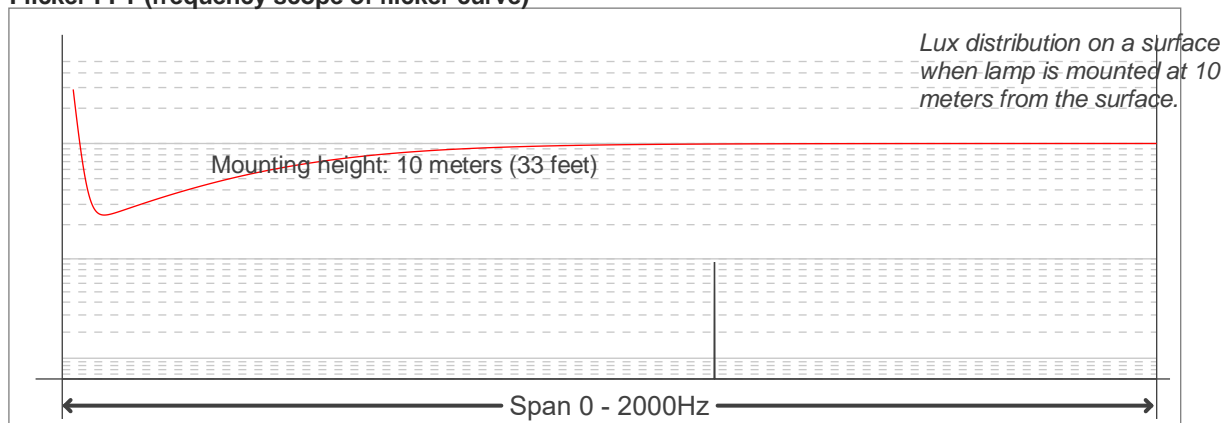
Flicker curve (complete sampled flicker signal)



Flicker frame (frame of one flicker period)



Flicker FFT (frequency scope of flicker curve)



Flicker results:

| Flicker frequency: | | 1176.47 Hz | |
|-----------------------|--------|---------------|--------|
| Flicker index: | 0.07 | JA8/10 40Hz | 0.35 % |
| Flicker percentage: | 24.5 % | JA8/10 90Hz | 0.77 % |
| SVM: (Visual flicker) | 0.19 | JA8/10 200Hz | 1.69 % |
| PstLM | 0.03 | JA8/10 400Hz | 3.31 % |
| Mp | 0.07 | JA8/10 1000Hz | 8.99 % |

Flicker conditions:

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