

Light efficiency:

63 Lumen/Watt

Light quality:

CRI: 0.0

Color temperature:

0 K

Output: 3384 lm

Peak: 1098 cd

Power: 54.0 W

PF: 0.97



Tracking number: [n/a](#)

Product name:

JoltBar FXIP

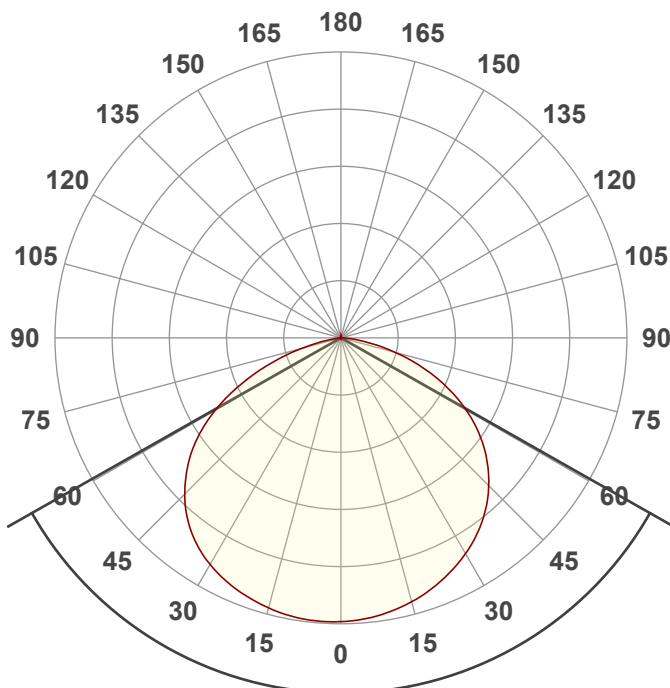
Item number:

Green

Date and time:

4/16/2024 4:50:22 PM

Description:



Beam angle **120.9°**

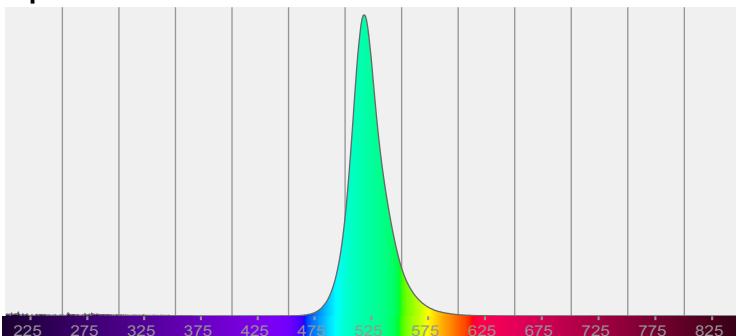


CIE 1931

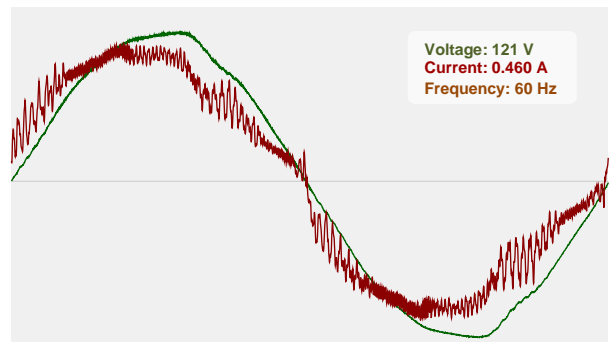
x: 0.140

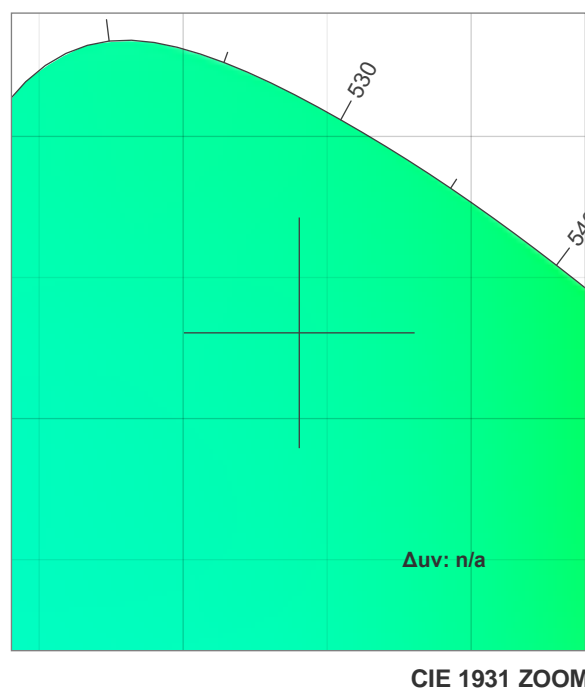
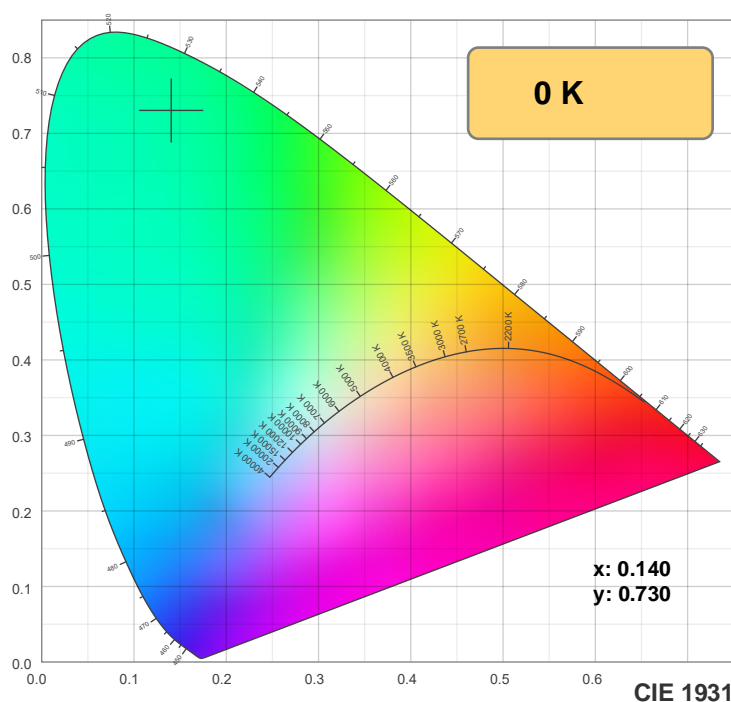
y: 0.730

Spectra



Power





TM-30: 0.0

CRI: 0.0 (R1-R8)

| | | | | | | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|
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| | | | | | | | | | | | | | | | |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 | C13 | C14 | C15 | C16 |

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|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|---|
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| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 | |

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

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| | | | | | | | | | | | | | | | |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 | Q9 | Q10 | Q11 | Q12 | Q13 | Q14 | Q15 | |

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 | 0.140 | 0.730 | 0.049 | 0.382 | n/a |

TM-30 details

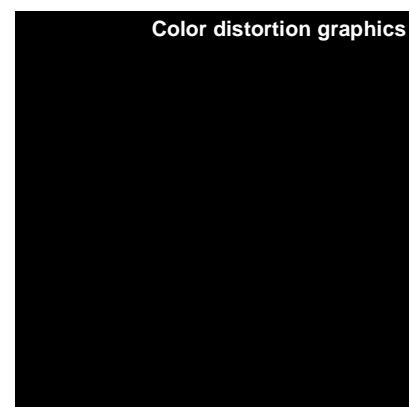
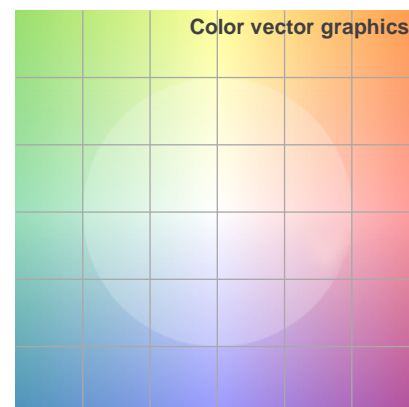
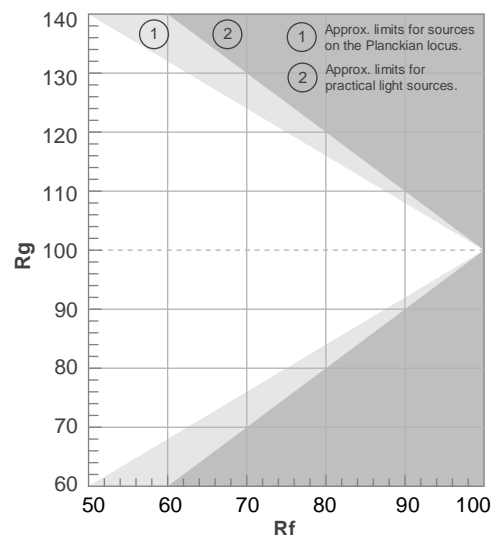
Rf 0.0

Fidelity index Rf

Rg 0.0

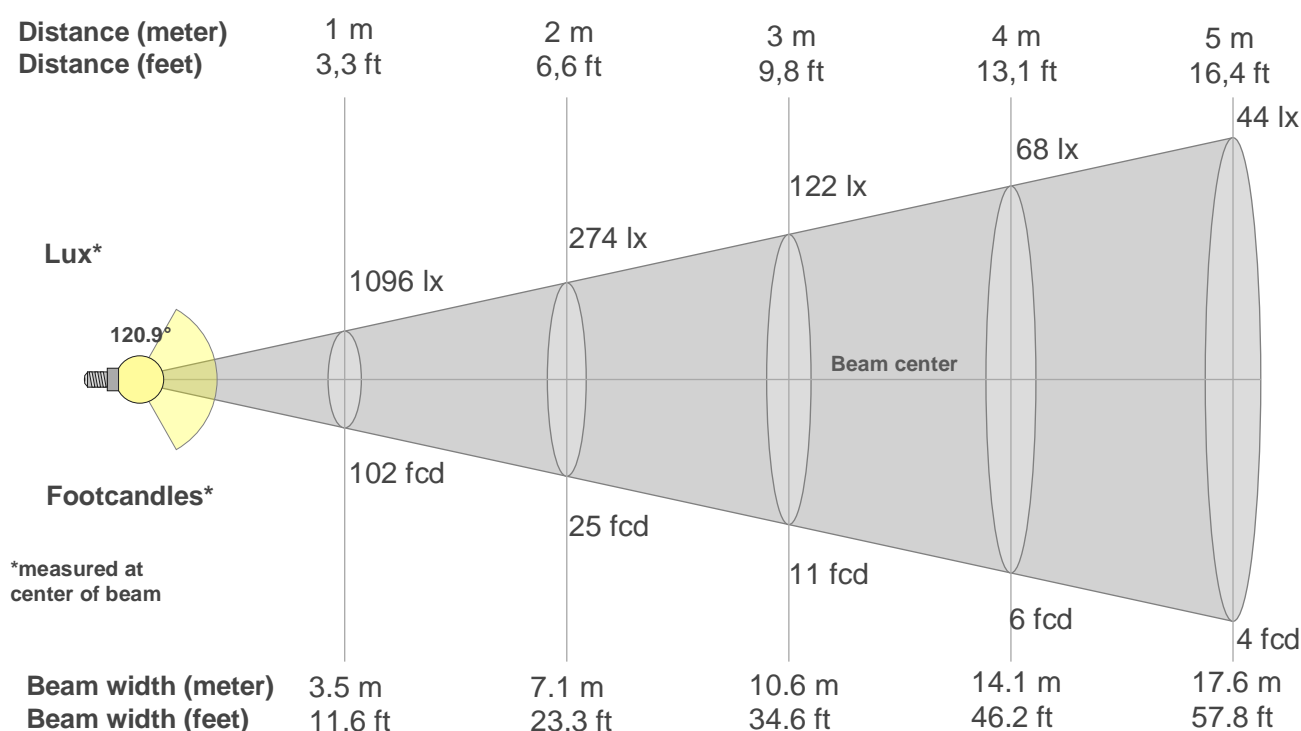
Gamut index Rg

| Hue Bin | R _f | 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 |
| 1096lx | 274lx | 122lx | 68lx | 44lx | 30lx | 22lx | 17lx | 14lx | 11lx | 9lx | 8lx | 6lx | 6lx | 5lx | 4lx | 4lx | 3lx | 3lx | 3lx |
| 101.8fcd | 25.4fcd | 11.3fcd | 6.4fcd | 4.1fcd | 2.8fcd | 2.1fcd | 1.6fcd | 1.3fcd | 1fcd | 0.8fcd | 0.7fcd | 0.6fcd | 0.5fcd | 0.5fcd | 0.4fcd | 0.4fcd | 0.3fcd | 0.3fcd | 0.3fcd |

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° |
|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1096 | 1088 | 1075 | 1055 | 1029 | 998 | 962 | 919 | 867 | 806 | 735 | 653 | 558 | 452 | 337 | 220 | 116 | 41 | 7 | 0 |
| 100% | 99% | 98% | 96% | 94% | 91% | 88% | 84% | 79% | 74% | 67% | 60% | 51% | 41% | 31% | 20% | 11% | 4% | 1% | 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° |
|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1096 | 1088 | 1075 | 1055 | 1029 | 998 | 962 | 919 | 867 | 806 | 735 | 653 | 558 | 452 | 337 | 220 | 116 | 41 | 7 | 0 |
| 100% | 99% | 98% | 96% | 94% | 91% | 88% | 84% | 79% | 74% | 67% | 60% | 51% | 41% | 31% | 20% | 11% | 4% | 1% | 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° |
|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1096 | 1097 | 1092 | 1080 | 1062 | 1040 | 1010 | 970 | 918 | 852 | 771 | 675 | 560 | 428 | 291 | 162 | 62 | 11 | 0 | 1 |
| 100% | 100% | 100% | 99% | 97% | 95% | 92% | 89% | 84% | 78% | 70% | 62% | 51% | 39% | 27% | 15% | 6% | 1% | 0% | 0% |

Intensities in 270° c-plane

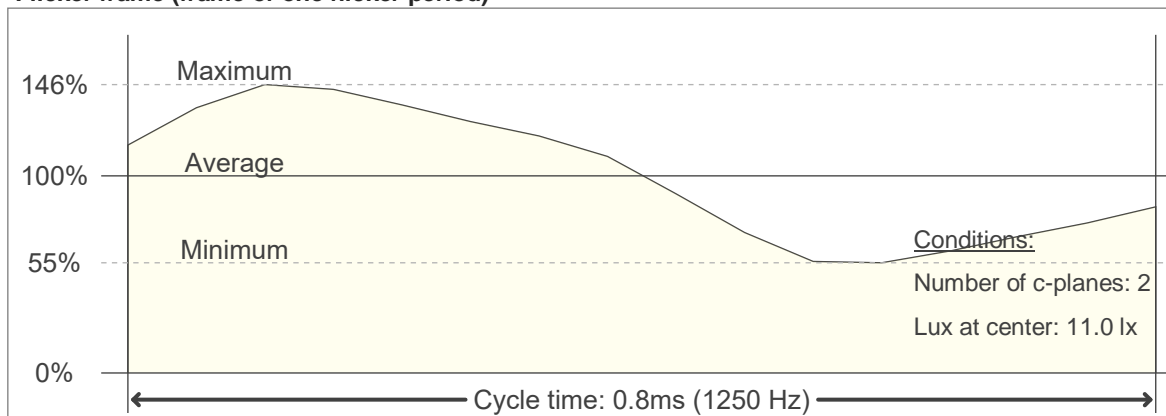
| 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° |
|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1096 | 1097 | 1092 | 1080 | 1062 | 1040 | 1010 | 970 | 918 | 852 | 771 | 675 | 560 | 428 | 291 | 162 | 62 | 11 | 0 | 1 |
| 100% | 100% | 100% | 99% | 97% | 95% | 92% | 89% | 84% | 78% | 70% | 62% | 51% | 39% | 27% | 15% | 6% | 1% | 0% | 0% |

| Beam angle 50% | Field angle 10% | Cutoff angle 2,5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|----------------|-----------------|-------------------|------------------------------|-----------------------------|
| 120.9° | 157.5° | 168.5° | 79.9% | 52.9% |

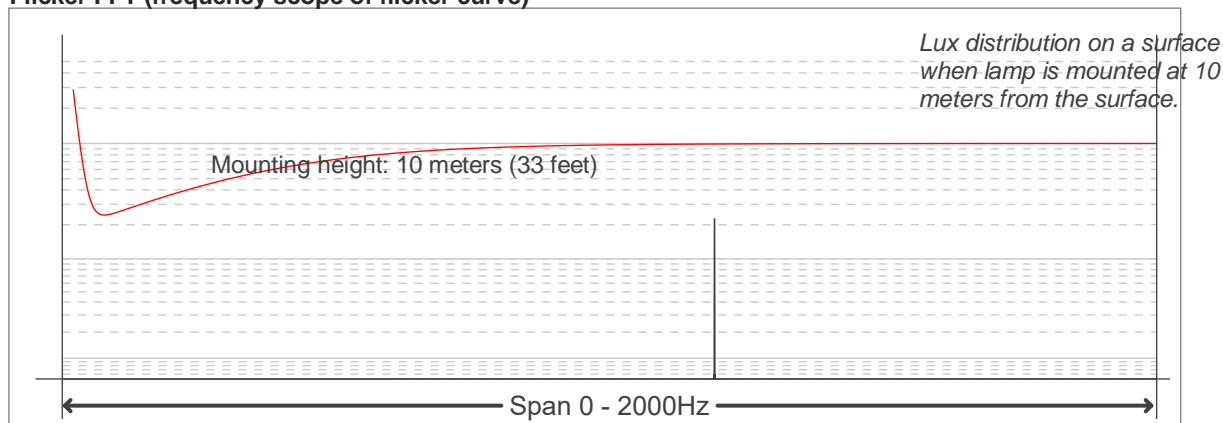
Flicker

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: | 0.15 | JA8/10 40Hz | 0.32 % |
| Flicker percentage: | 52.03 % | JA8/10 90Hz | 0.71 % |
| SVM: (Visual flicker) | 0.46 | JA8/10 200Hz | 1.54 % |
| PstLM | 0.01 | JA8/10 400Hz | 2.97 % |
| Mp | 0.06 | JA8/10 1000Hz | 6.32 % |

Flicker conditions:

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