

Light efficiency:



Light quality:



Color temperature:



Output: 1002 lm

Peak: 4743 cd

Power: 72.1 W

PF: 0.64



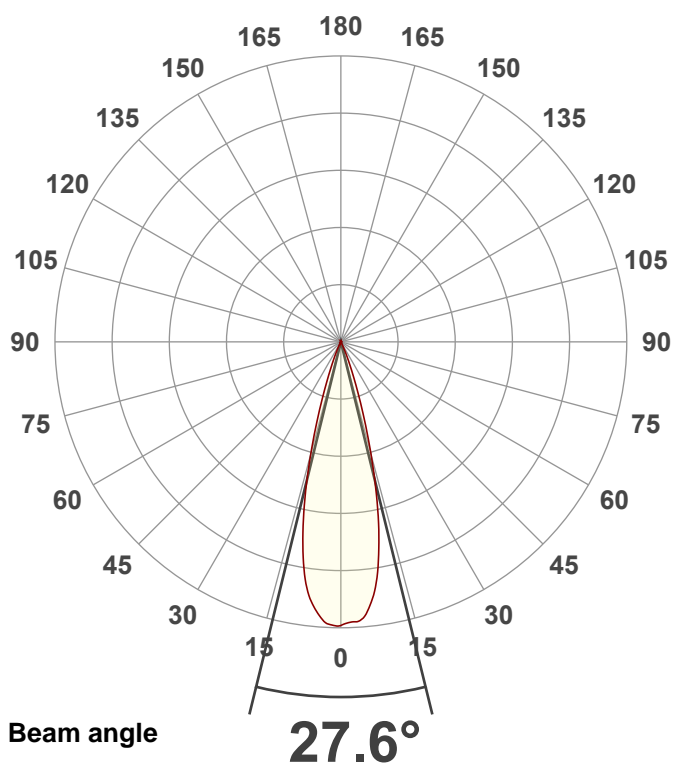
Product name:

Stealth Wash Zoom (Zoom Out Full On)

Item number:

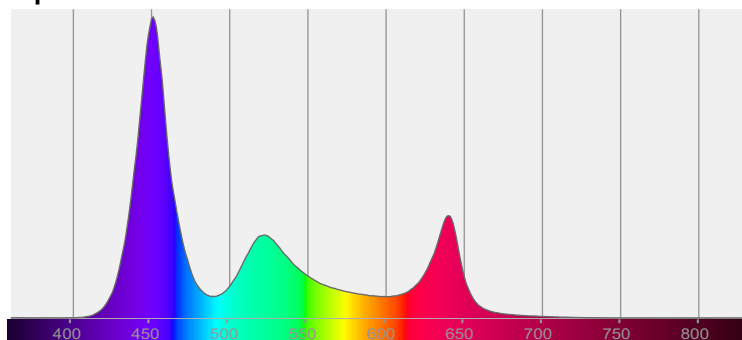
Date and time:

5/7/2019 1:40:27 PM

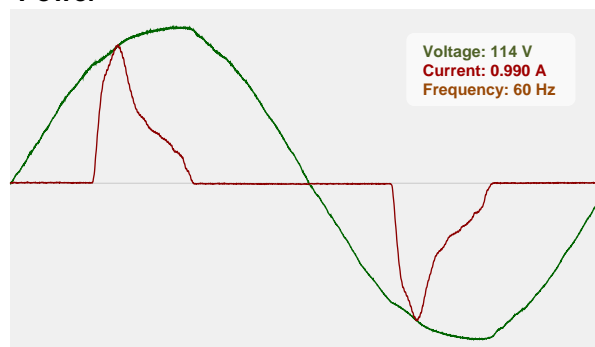


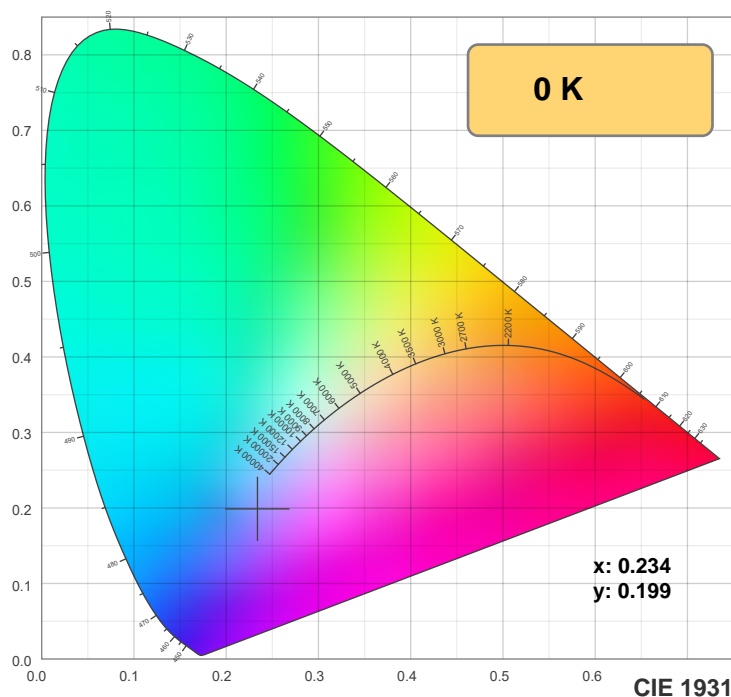
CIE 1931
x: 0.234
y: 0.199

Spectra

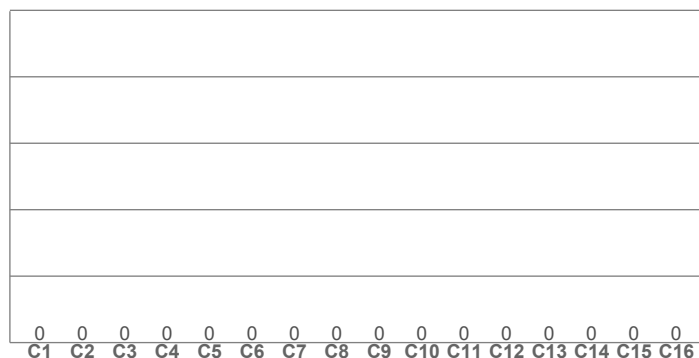


Power





TM-30: 0.0



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

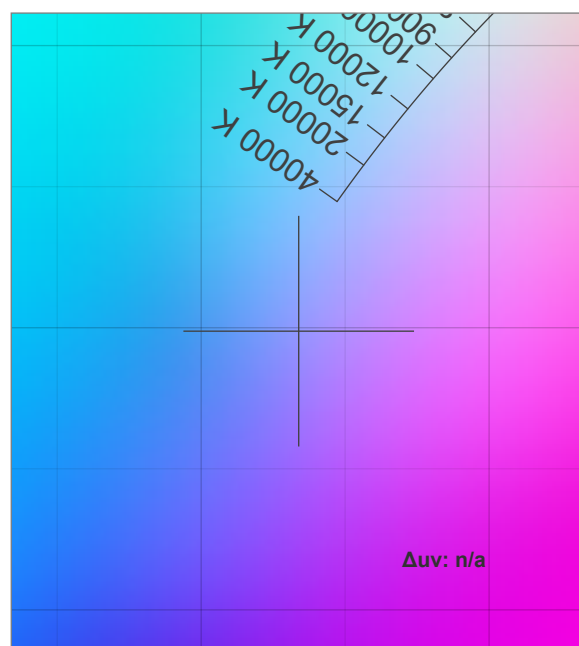
| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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 |

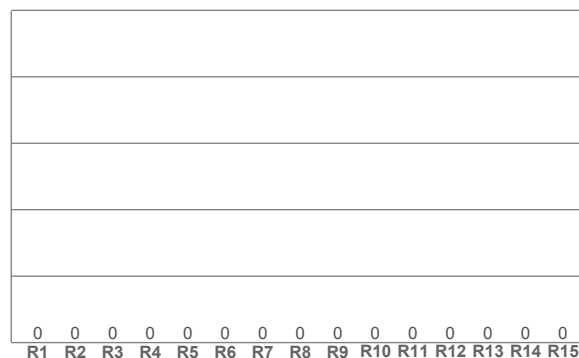
CQS Q values

| 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 |

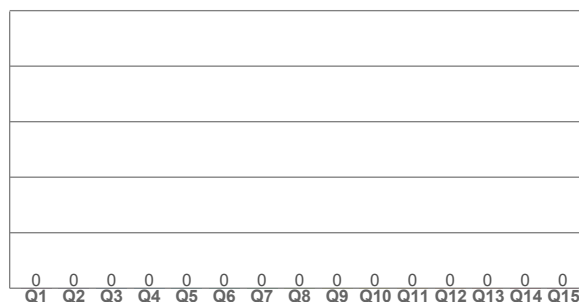


Δuv : n/a

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 | 0.234 | 0.199 | 0.190 | 0.243 | n/a |

TM-30 details

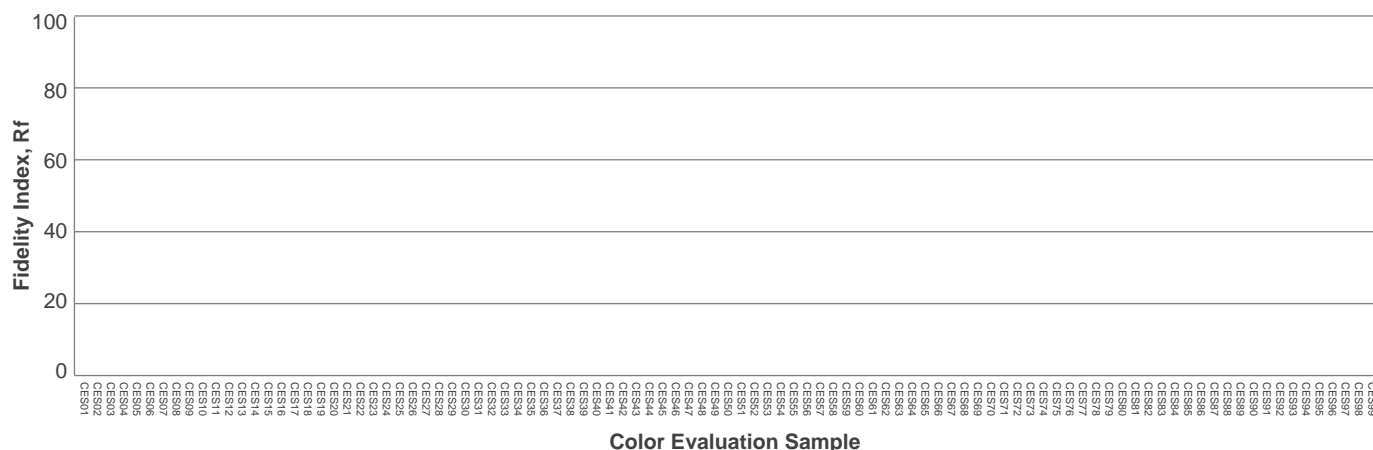
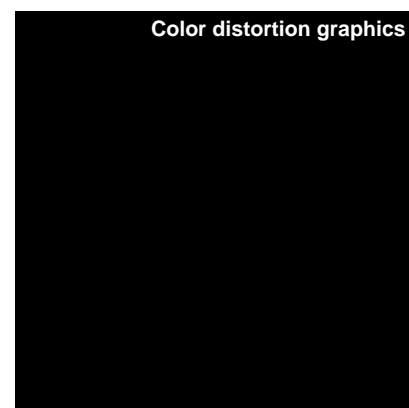
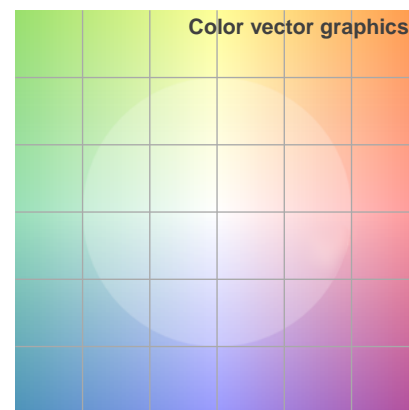
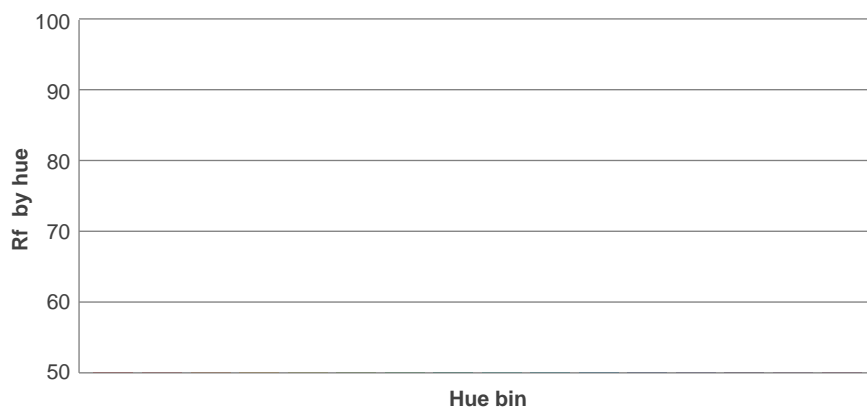
Rf 0.0

Fidelity index Rf

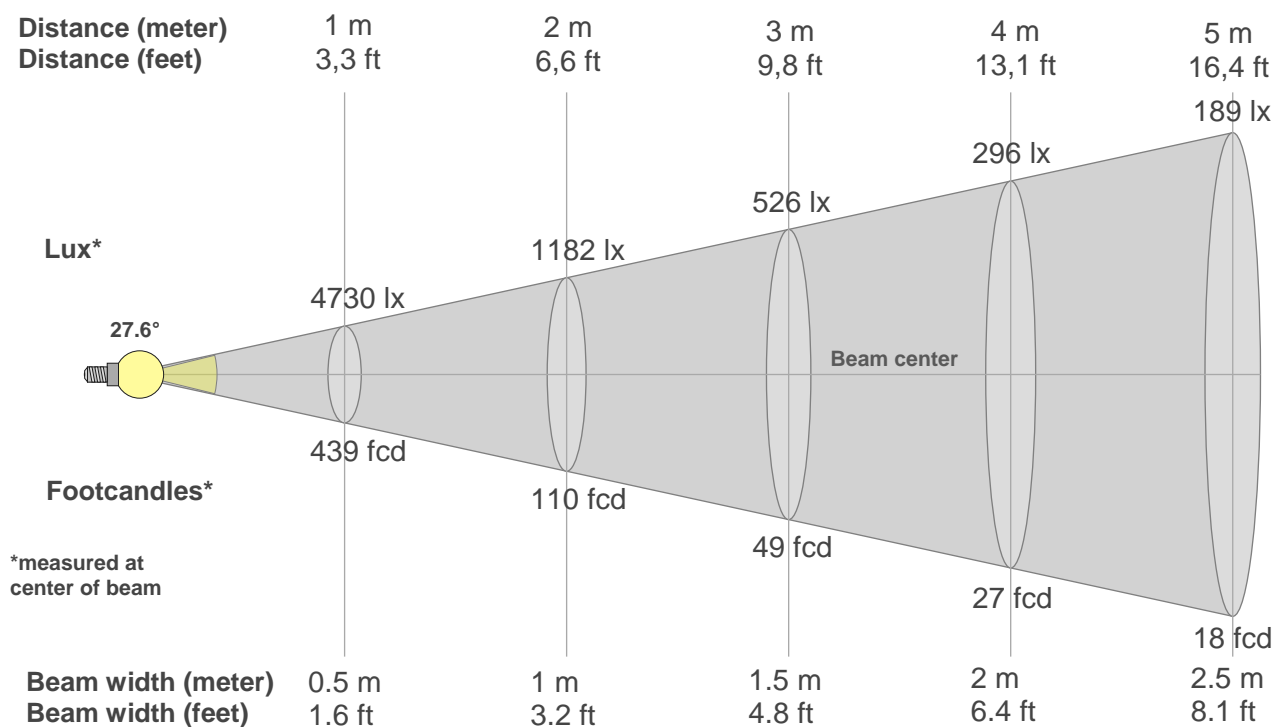
Rg 0.0

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 |
| 4730lx | 1182lx | 526lx | 296lx | 189lx | 131lx | 97lx | 74lx | 58lx | 47lx | 39lx | 33lx | 28lx | 24lx | 21lx | 18lx | 16lx | 15lx | 13lx | 12lx |
| 439.4fc | 109.9fc | 48.8fcd | 27.5fcd | 17.6fcd | 12.2fcd | 9fcd | 6.9fcd | 5.4fcd | 4.4fcd | 3.6fcd | 3.1fcd | 2.6fcd | 2.2fcd | 2fcd | 1.7fcd | 1.5fcd | 1.4fcd | 1.2fcd | 1.1fcd |

Intensities in 0° c-plane

| 0° | 2° | 4° | 6° | 8° | 10° | 12° | 14° | 16° | 18° | 20° | 22° | 24° | 26° | 28° | 30° | 32° | 34° | 36° | 38° |
|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 4730 | 4683 | 4652 | 4464 | 4133 | 3623 | 3004 | 2300 | 1617 | 1046 | 616 | 344 | 166 | 64 | 16 | 0 | 0 | 0 | 0 | 0 |
| 100% | 99% | 98% | 94% | 87% | 77% | 64% | 49% | 34% | 22% | 13% | 7% | 4% | 1% | 0% | 0% | 0% | 0% | 0% | 0% |

Intensities in 90° c-plane

| 0° | 2° | 4° | 6° | 8° | 10° | 12° | 14° | 16° | 18° | 20° | 22° | 24° | 26° | 28° | 30° | 32° | 34° | 36° | 38° |
|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 4730 | 4683 | 4652 | 4464 | 4133 | 3623 | 3004 | 2300 | 1617 | 1046 | 616 | 344 | 166 | 64 | 16 | 0 | 0 | 0 | 0 | 0 |
| 100% | 99% | 98% | 94% | 87% | 77% | 64% | 49% | 34% | 22% | 13% | 7% | 4% | 1% | 0% | 0% | 0% | 0% | 0% | 0% |

Intensities in 180° c-plane

| 0° | 2° | 4° | 6° | 8° | 10° | 12° | 14° | 16° | 18° | 20° | 22° | 24° | 26° | 28° | 30° | 32° | 34° | 36° | 38° |
|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 4730 | 4723 | 4623 | 4420 | 4110 | 3625 | 2996 | 2300 | 1616 | 1024 | 609 | 341 | 187 | 94 | 39 | 1 | 0 | 0 | 0 | 0 |
| 100% | 100% | 98% | 93% | 87% | 77% | 63% | 49% | 34% | 22% | 13% | 7% | 4% | 2% | 1% | 0% | 0% | 0% | 0% | 0% |

Intensities in 270° c-plane

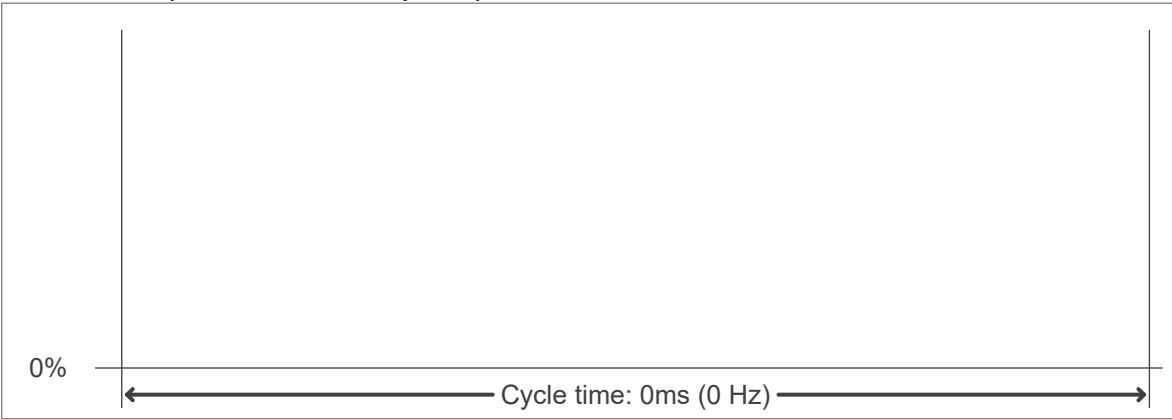
| 0° | 2° | 4° | 6° | 8° | 10° | 12° | 14° | 16° | 18° | 20° | 22° | 24° | 26° | 28° | 30° | 32° | 34° | 36° | 38° |
|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 4730 | 4723 | 4623 | 4420 | 4110 | 3625 | 2996 | 2300 | 1616 | 1024 | 609 | 341 | 187 | 94 | 39 | 1 | 0 | 0 | 0 | 0 |
| 100% | 100% | 98% | 93% | 87% | 77% | 63% | 49% | 34% | 22% | 13% | 7% | 4% | 2% | 1% | 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 |
|----------------|-----------------|-------------------|------------------------------|-----------------------------|
| 27.6° | 41.8° | 50.1° | 100.0% | 100.0% |

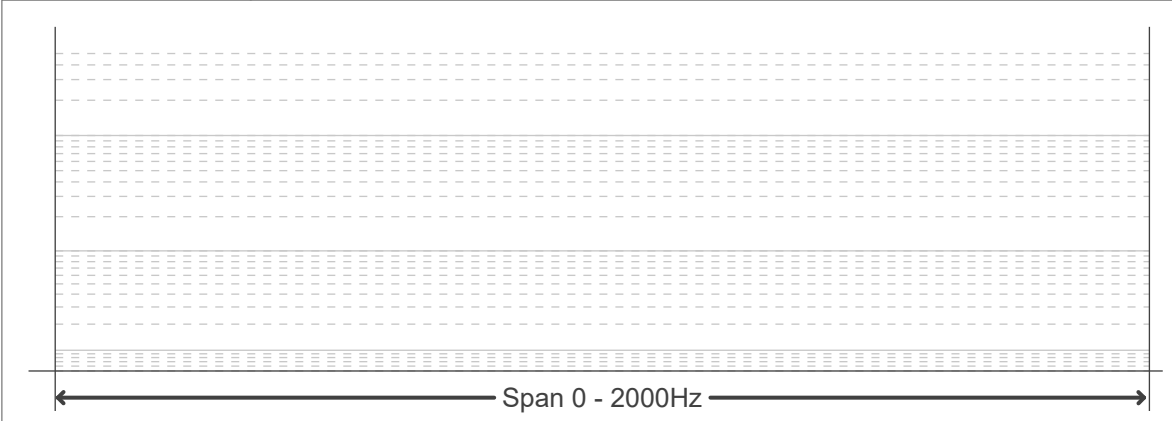
Flicker curve (complete sampled flicker signal)



Flicker frame (frame of one flicker period)



Flicker FFT (frequency scope of flicker curve)



Flicker results:

| Flicker frequency: | | n/a Hz | |
|-----------------------|-------|---------------|-------|
| Flicker index: | n/a | JA8/10 40Hz | n/a % |
| Flicker percentage: | n/a % | JA8/10 90Hz | n/a % |
| SVM: (Visual flicker) | n/a | JA8/10 200Hz | n/a % |
| PstLM | n/a | JA8/10 400Hz | n/a % |
| Mp | n/a | JA8/10 1000Hz | n/a % |

Flicker conditions:

| | |
|--------------|--------------------|
| Sample rate: | n/a samples/second |
|--------------|--------------------|