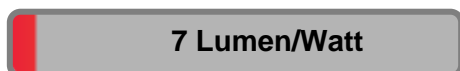


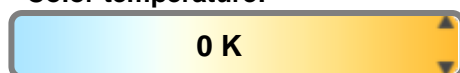
Light efficiency:



Light quality:



Color temperature:

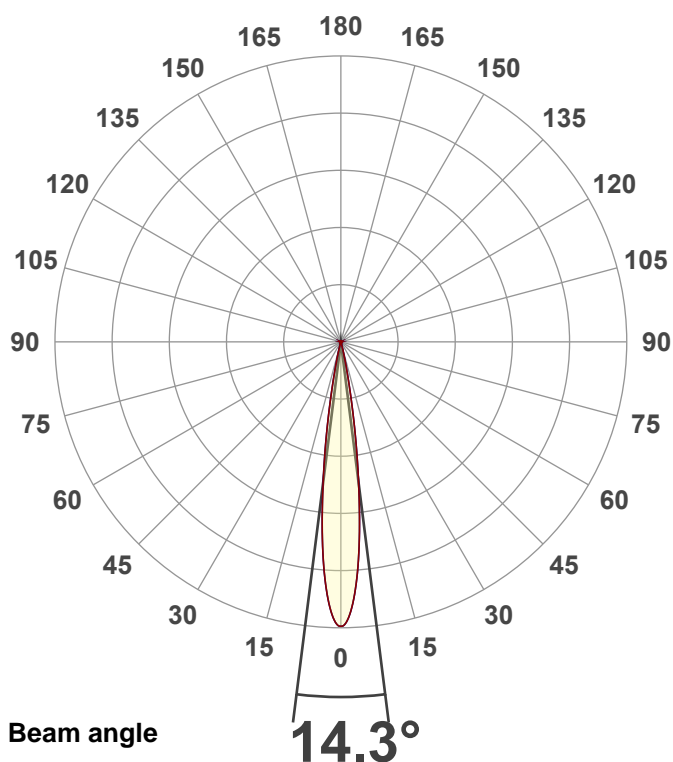


Output: 1170 lm
Peak: 16320 cd
Power: 176.4 W
PF: 1.0



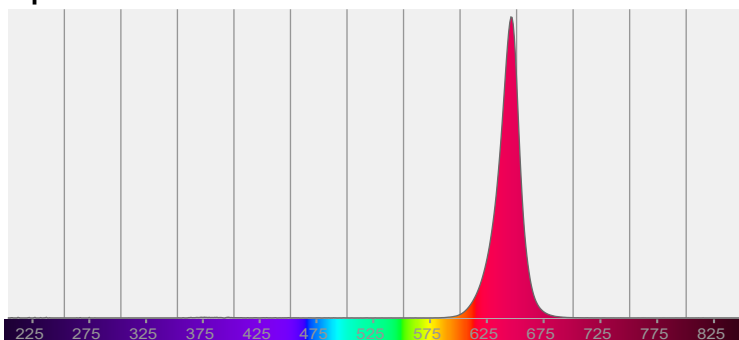
Product name:
Vizi Pix Z19 (Zoom 50%,Red)
Item number:

Date and time:
5/1/2026 7:20:12 AM

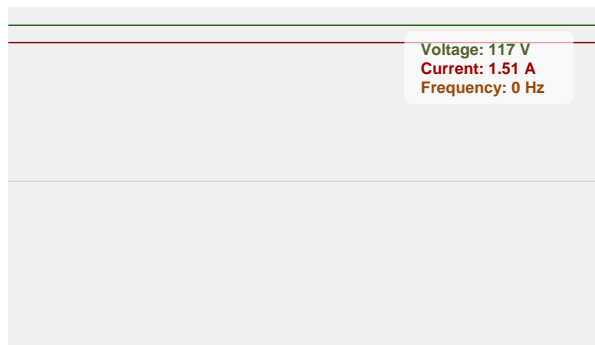


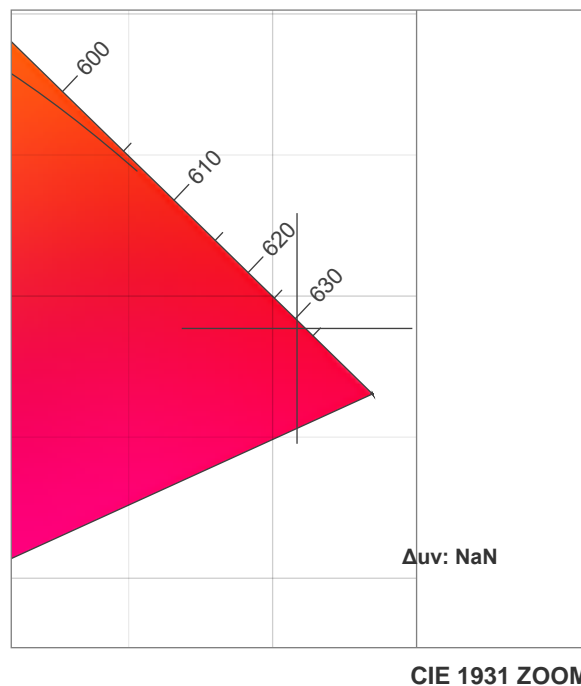
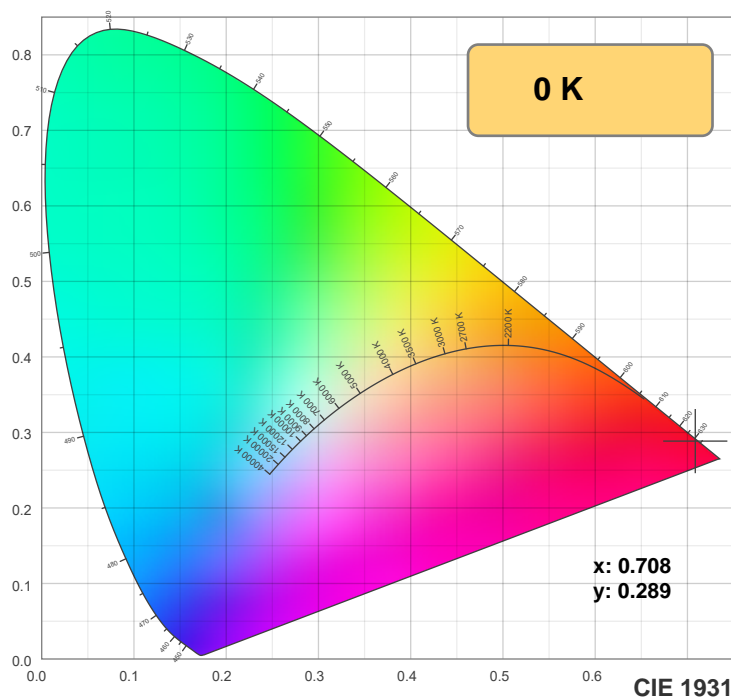
CIE 1931
x: 0.708
y: 0.289

Spectra



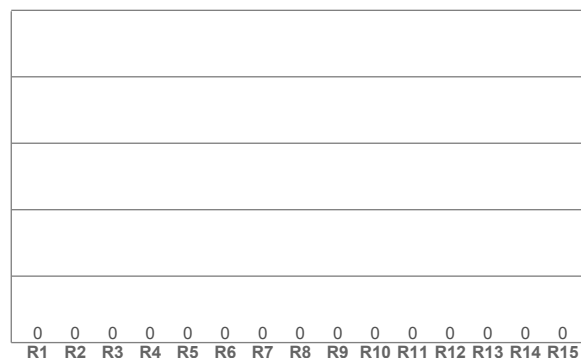
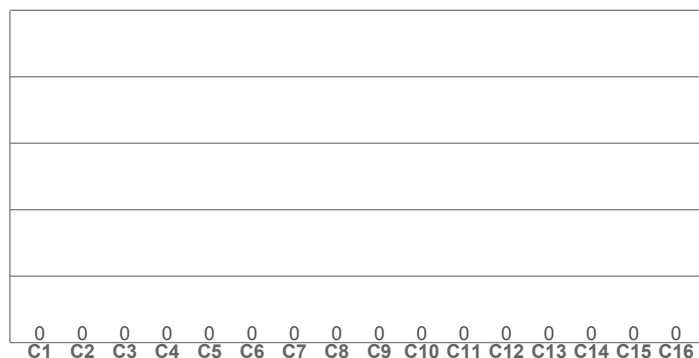
Power





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

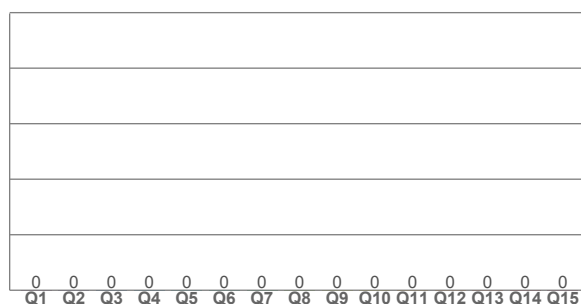
TM30 C values, 16 binned values out of total of 99 C values

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	0.708	0.289	0.562	0.343	NaN

TM-30 details

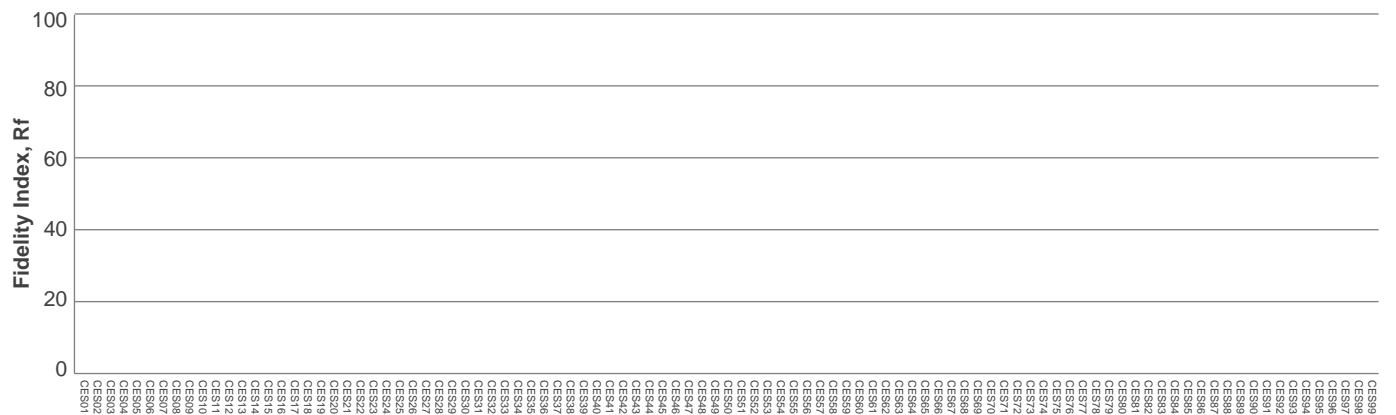
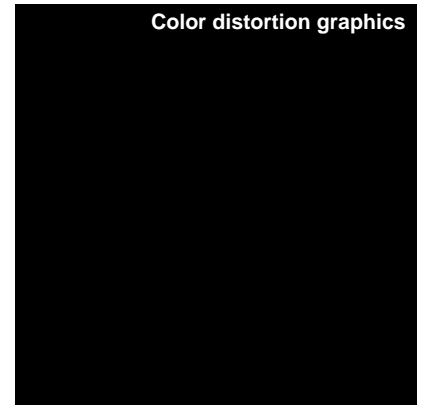
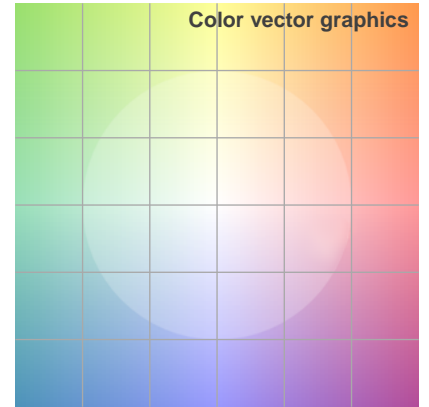
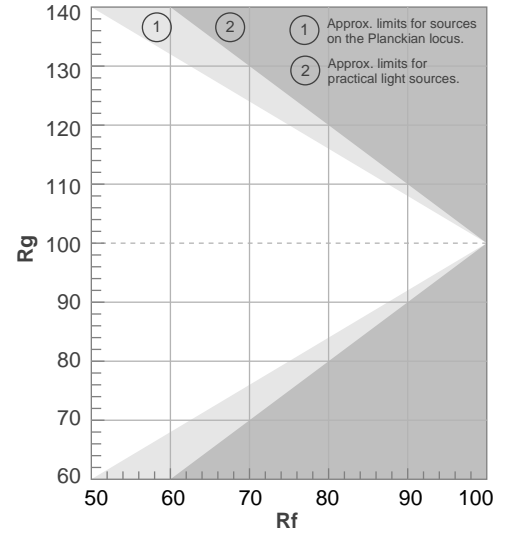
Rf 0.0

Fidelity index Rf

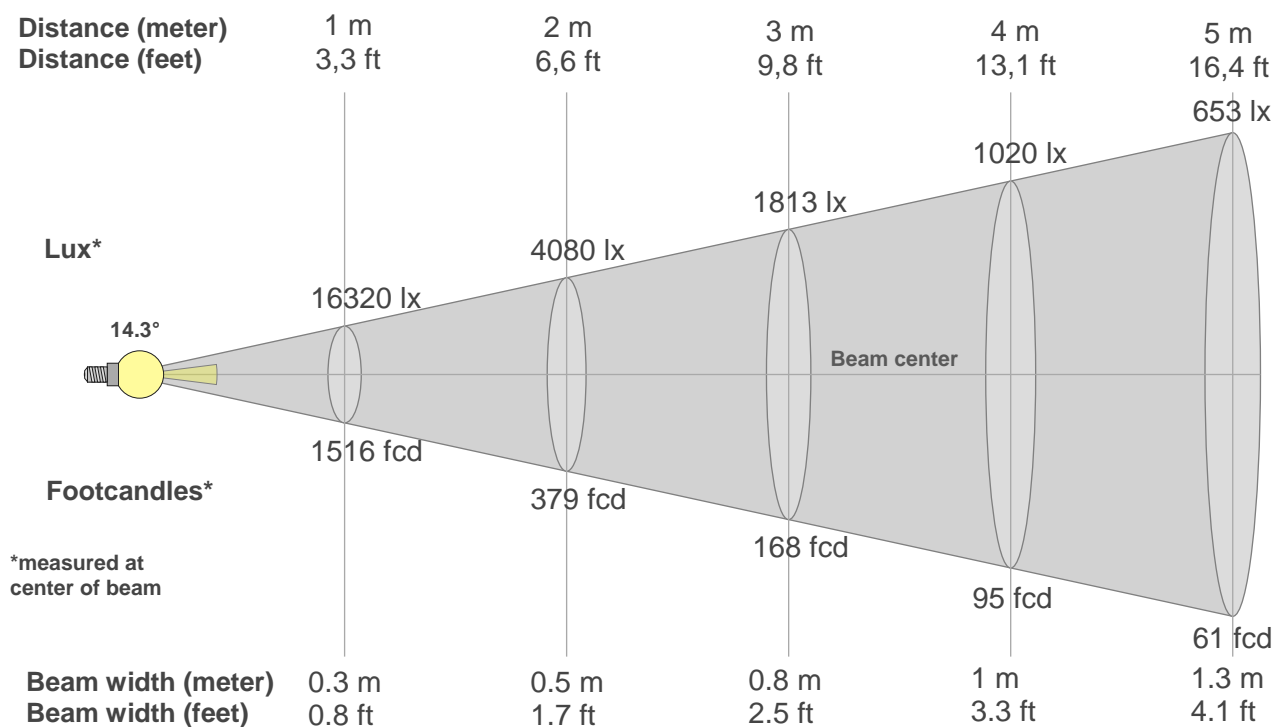
Rg 0.0

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
16320lx	4080lx	1813lx	1020lx	653lx	453lx	333lx	255lx	201lx	163lx	135lx	113lx	97lx	83lx	73lx	64lx	56lx	50lx	45lx	41lx
1516.2fcd	379fcd	168.5fcd	94.8fcd	60.6fcd	42.1fcd	30.9fcd	23.7fcd	18.7fcd	15.2fcd	12.5fcd	10.5fcd	9fcd	7.7fcd	6.7fcd	5.9fcd	5.2fcd	4.7fcd	4.2fcd	3.8fcd

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°
16.3k	16.1k	15.6k	14.6k	13.4k	11.9k	10.2k	8.5k	6.7k	5.1k	3.6k	2.4k	1.5k	0.9k	0.5k	0.2k	0.1k	0.0k	0.0k	0.0k
100%	99%	95%	90%	82%	73%	63%	52%	41%	31%	22%	15%	9%	6%	3%	1%	1%	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°
16.3k	16.1k	15.6k	14.6k	13.4k	11.9k	10.2k	8.5k	6.7k	5.1k	3.6k	2.4k	1.5k	0.9k	0.5k	0.2k	0.1k	0.0k	0.0k	0.0k
100%	99%	95%	90%	82%	73%	63%	52%	41%	31%	22%	15%	9%	6%	3%	1%	1%	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°
16.3k	16.1k	15.6k	14.6k	13.4k	11.9k	10.2k	8.5k	6.7k	5.1k	3.6k	2.4k	1.5k	0.9k	0.5k	0.2k	0.1k	0.0k	0.0k	0.0k
100%	99%	95%	90%	82%	73%	63%	52%	41%	31%	22%	15%	9%	6%	3%	1%	1%	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°
16.3k	16.1k	15.6k	14.6k	13.4k	11.9k	10.2k	8.5k	6.7k	5.1k	3.6k	2.4k	1.5k	0.9k	0.5k	0.2k	0.1k	0.0k	0.0k	0.0k
100%	99%	95%	90%	82%	73%	63%	52%	41%	31%	22%	15%	9%	6%	3%	1%	1%	0%	0%	0%

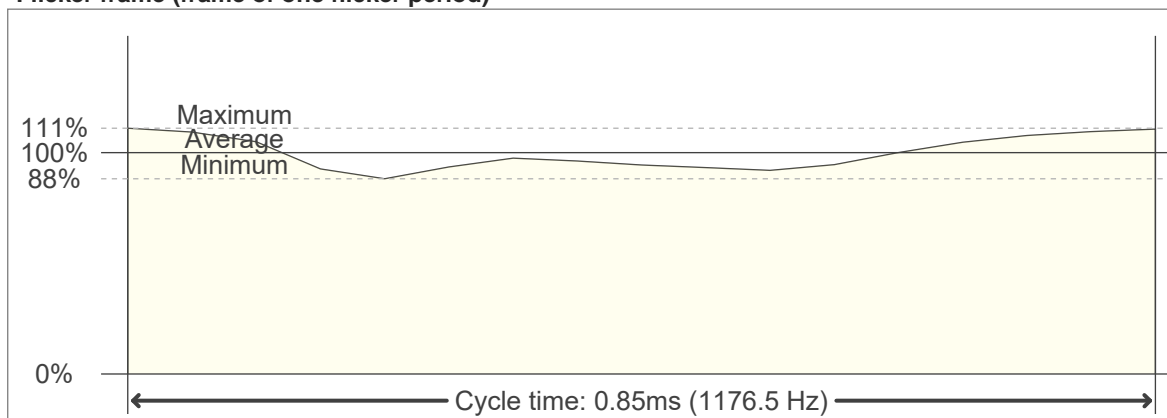
Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
14.3°	23.7°	28.5°	92.9%	90.0%

Flicker

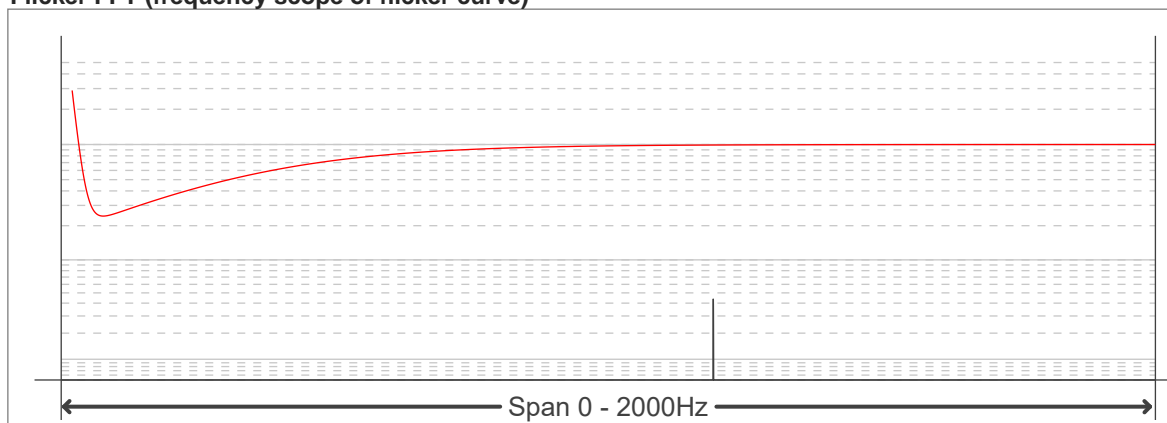
Flicker curve (complete sampled flicker signal)



Flicker frame (frame of one flicker period)



Flicker FFT (frequency scope of flicker curve)



Flicker results:

Flicker frequency:		1176.47 Hz	
Flicker index:	0.03	JA8/10 40Hz	14.35 %
Flicker percentage:	25.66 %	JA8/10 90Hz	14.34 %
SVM: (Visual flicker)	0.09	JA8/10 200Hz	14.34 %
PstLM	0	JA8/10 400Hz	14.35 %
Mp	1.22	JA8/10 1000Hz	14.35 %

Flicker conditions:

Sample rate:	20000 samples/second
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