Light efficiency:

17 Lumen/Watt

Light quality:

CRI: 0.0

Color temperature:

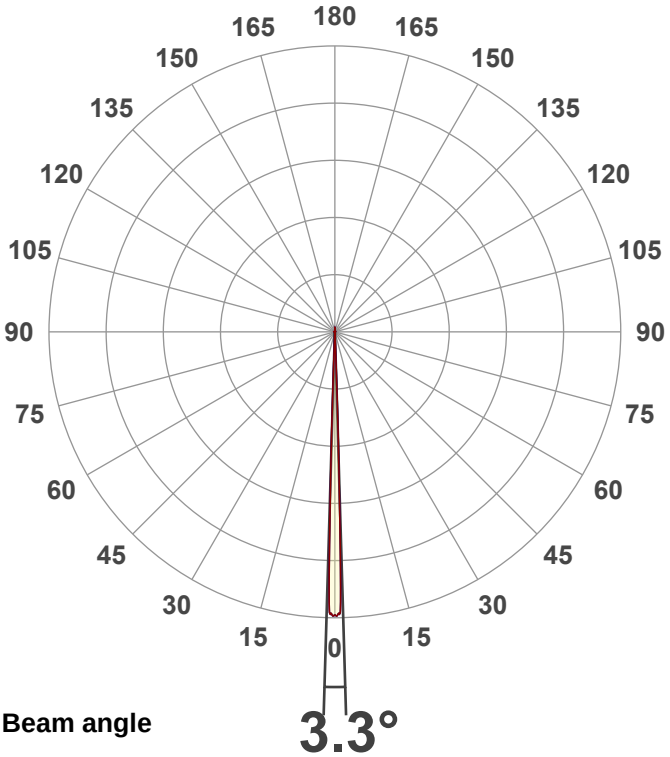
0 K

Output: 1468 lm

Peak: 98293 cd

Power: 84.2 W

PF: 1.0



Beam angle 3.3°

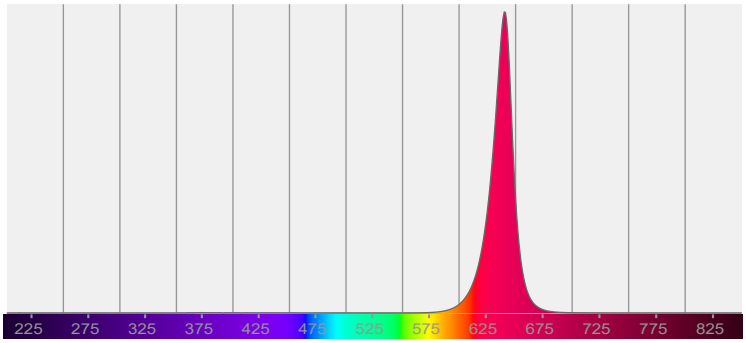
Product name:
Vizi Xtreme (Zoom Narrow,Red)

Item number:

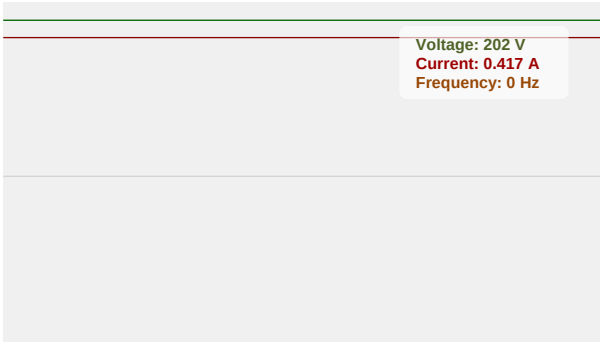
Date and time:
8/26/2026 8:08:08 AM

CIE 1931
x: 0.702
y: 0.296

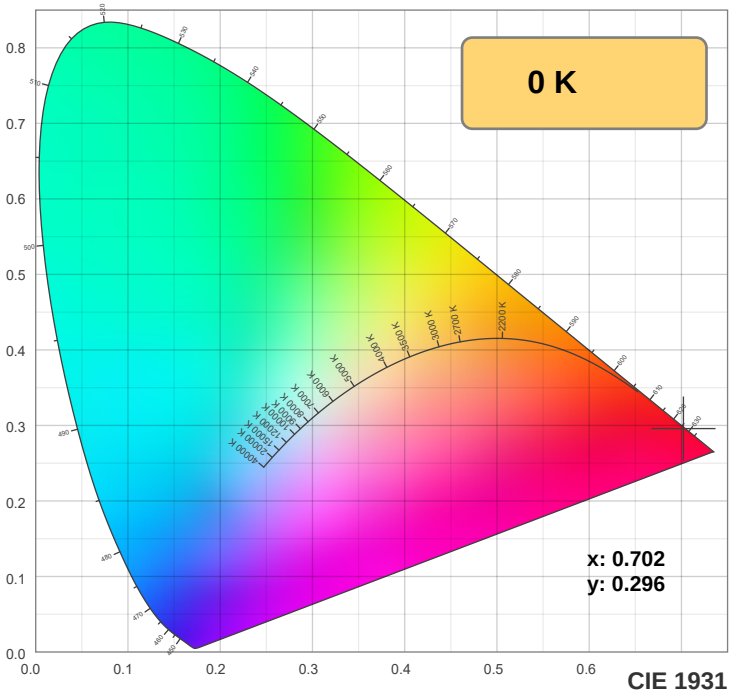
Spectra



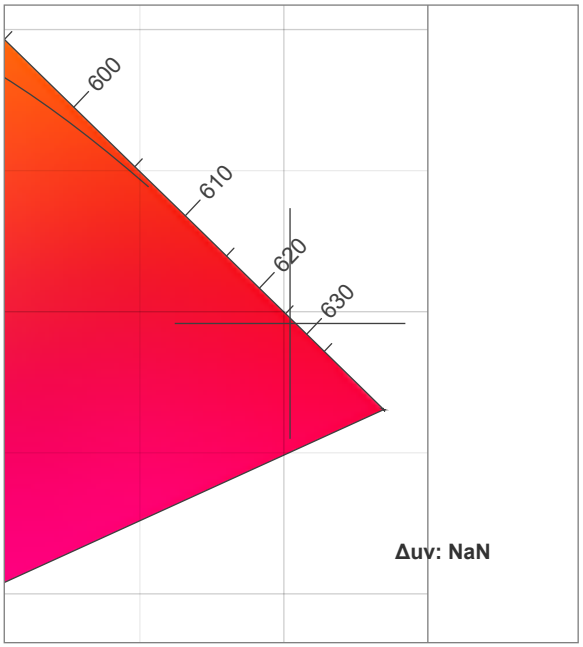
Power



Color details

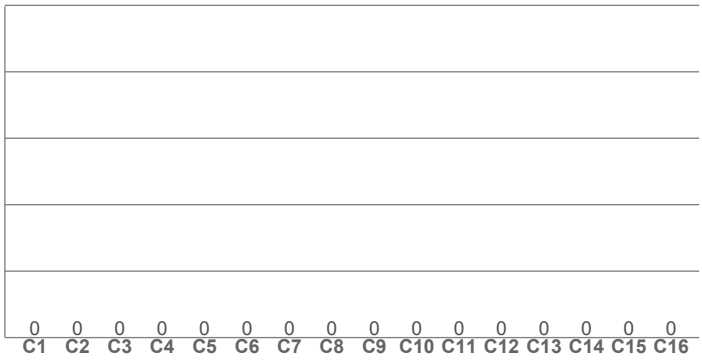


CIE 1931

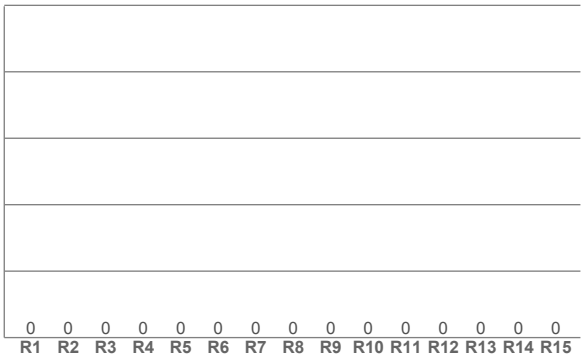


CIE 1931 ZOOM

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

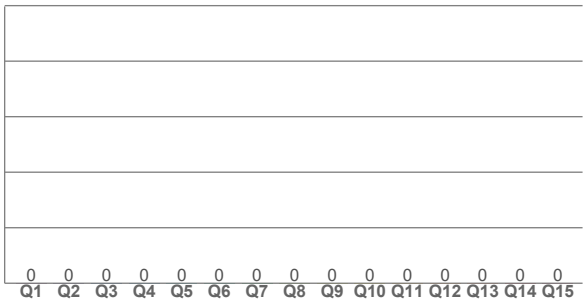
TM30 C values, 16 binned values out of total of 99 C values

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 diviation 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	0.702	0.296	0.546	0.345	NaN

TM-30 details

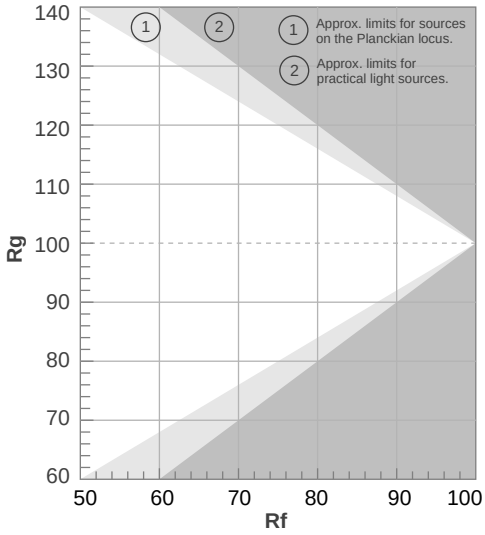
Rf 0.0

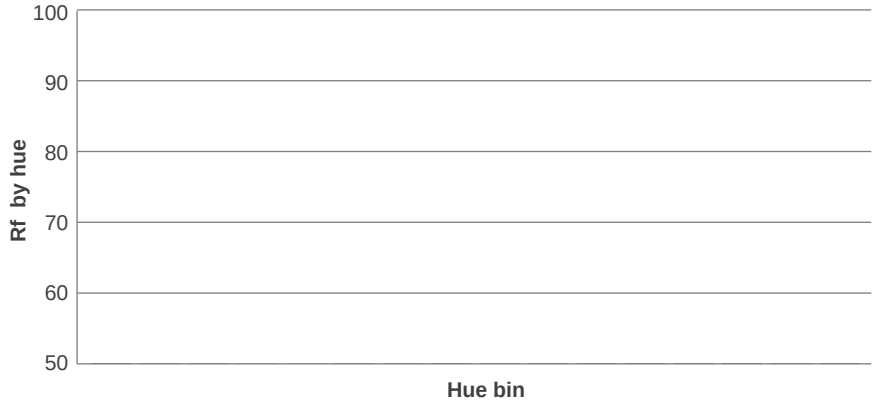
Fidelity index Rf

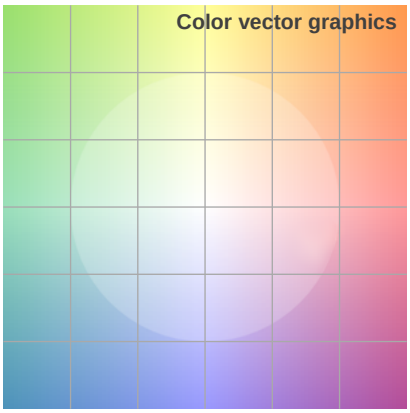
Rg 0.0

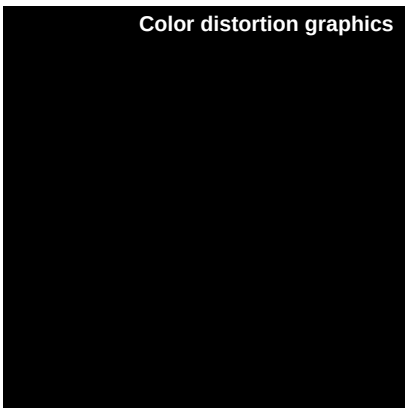
Gamut index Rg

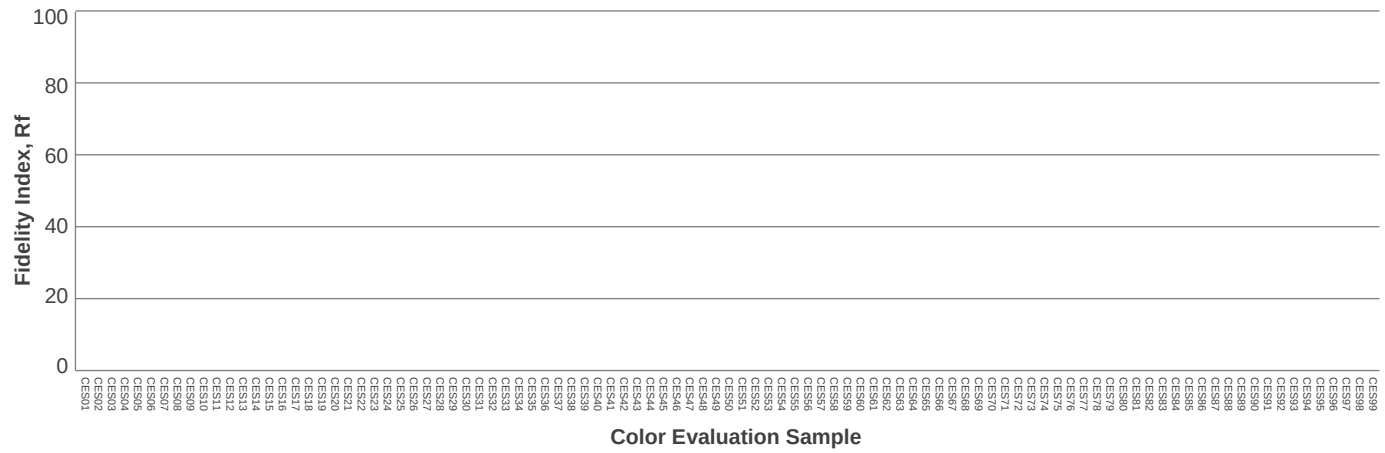
		Shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



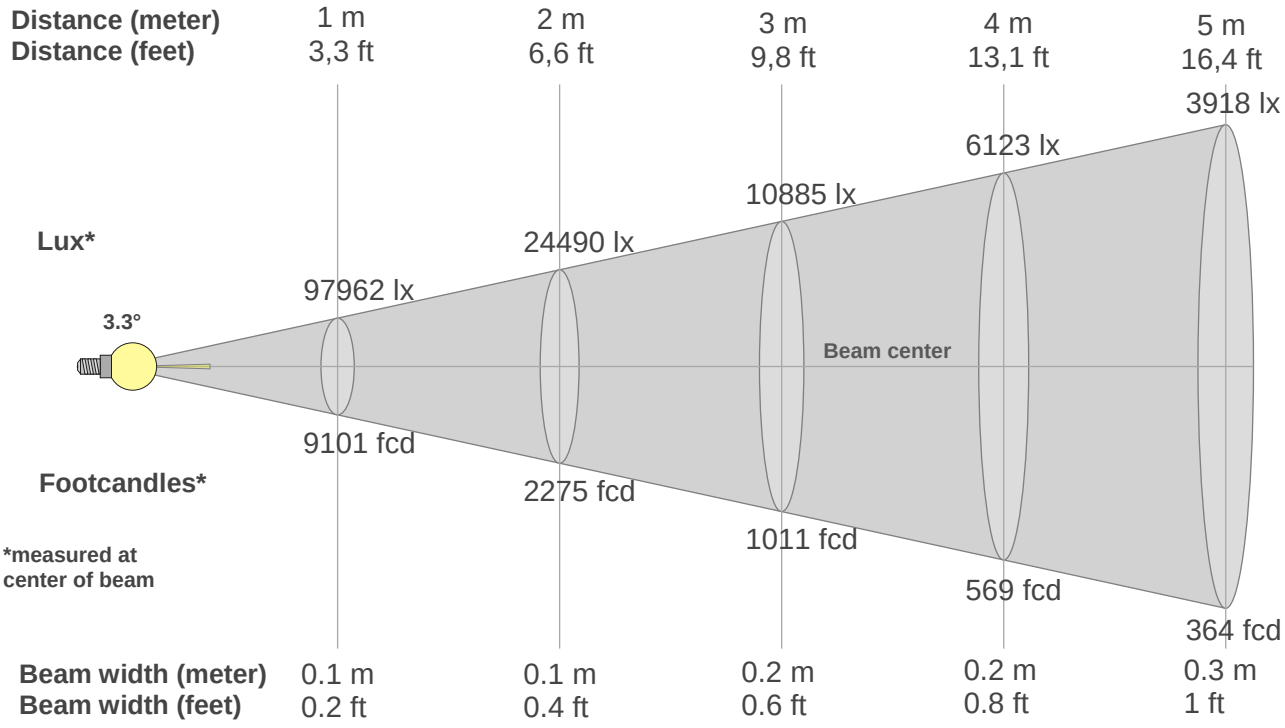








Beam details



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
97962lx	24490lx	10885lx	6123lx	3918lx	2721lx	1999lx	1531lx	1209lx	980lx	810lx	680lx	580lx	500lx	435lx	383lx	339lx	302lx	271lx	245lx
9101fcd	2275.2fcd	1011.2fcd	568.8fcd	364fcd	252.8fcd	185.7fcd	142.2fcd	112.4fcd	91fcd	75.2fcd	63.2fcd	53.9fcd	46.4fcd	40.4fcd	35.6fcd	31.5fcd	28.1fcd	25.2fcd	22.8fcd

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°
98.0k	97.5k	21.1k	0.1k	0.1k	0.1k	0.1k	0.1k	0.1k	0.1k	0.1k	0.1k	0.1k	0.1k	0.1k	0.1k	0.1k	0.1k	0.1k	0.1k
100%	99%	22%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	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°
98.0k	97.5k	21.1k	0.1k	0.1k	0.1k	0.1k	0.1k	0.1k	0.1k	0.1k	0.1k	0.1k	0.1k	0.1k	0.1k	0.1k	0.1k	0.1k	0.1k
100%	99%	22%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	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°
98.0k	97.5k	21.1k	0.1k	0.1k	0.1k	0.1k	0.1k	0.1k	0.1k	0.1k	0.1k	0.1k	0.1k	0.1k	0.1k	0.1k	0.1k	0.1k	0.1k
100%	99%	22%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Intensities in 270° c-plane

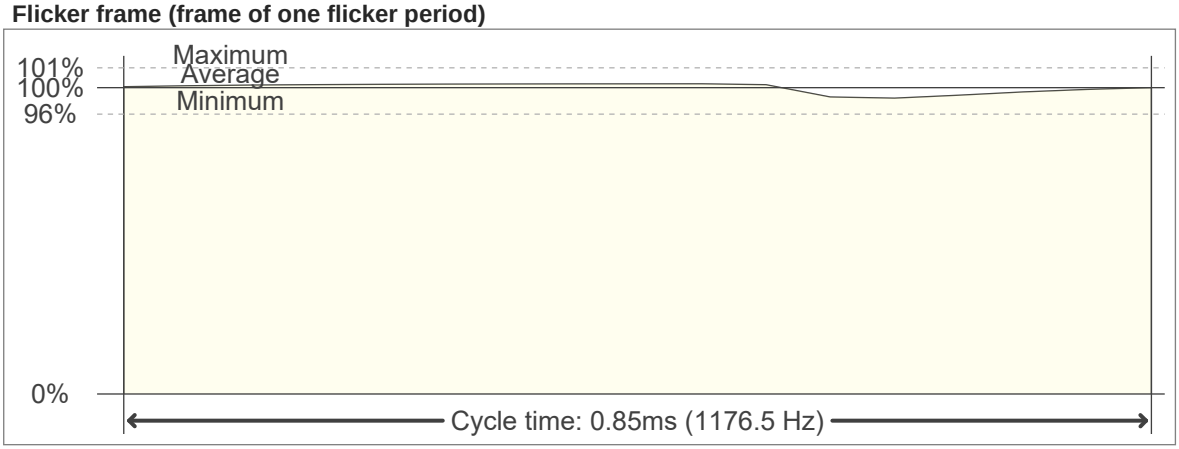
0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
98.0k	97.5k	21.1k	0.1k	0.1k	0.1k	0.1k	0.1k	0.1k	0.1k	0.1k	0.1k	0.1k	0.1k	0.1k	0.1k	0.1k	0.1k	0.1k	0.1k
100%	99%	22%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
3.3°	4.3°	4.7°	39.9%	31.2%

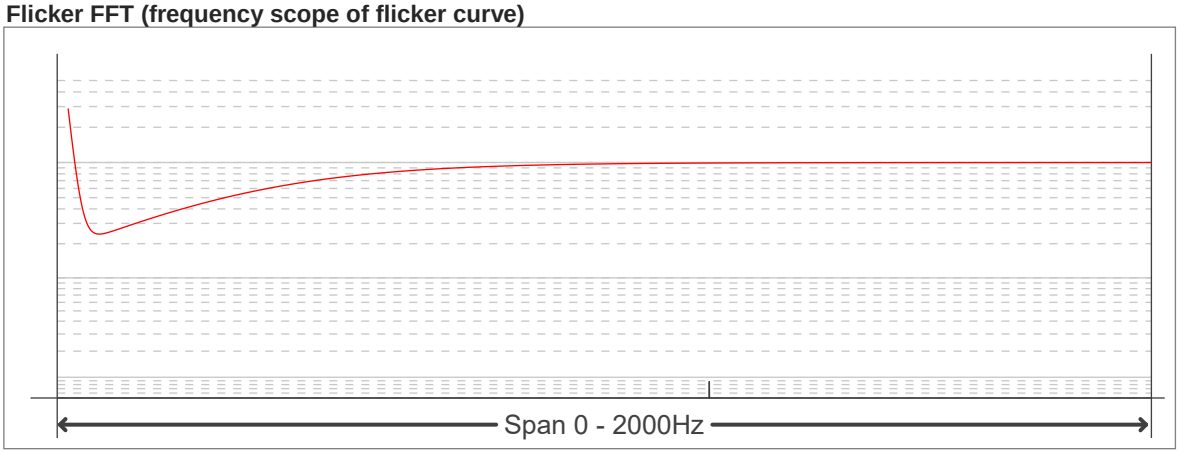
Flicker

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:	0.01	JA8/10 40Hz	0.23 %
Flicker percentage:	2.7 %	JA8/10 90Hz	0.3 %
SVM: (Visual flicker)	0.02	JA8/10 200Hz	0.33 %
PstLM	0	JA8/10 400Hz	0.33 %
Mp	0.17	JA8/10 1000Hz	0.37 %

Flicker conditions:

Sample rate:	20000 samples/second