Light efficiency:

10 Lumen/Watt

Light quality:

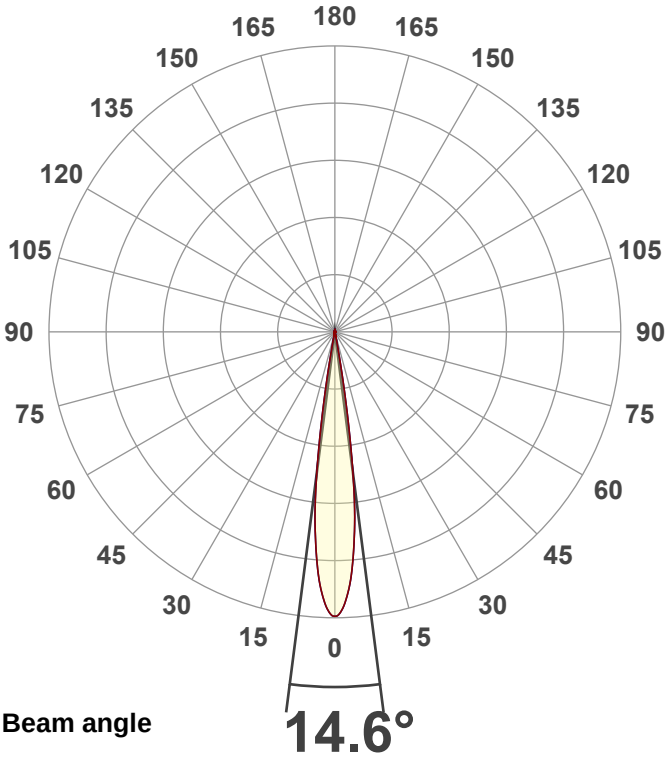
CRI: 0.0

Color temperature:

0 K

Output: 828 lm
Peak: 9000 cd

Power: 84.7 W
PF: 1.0



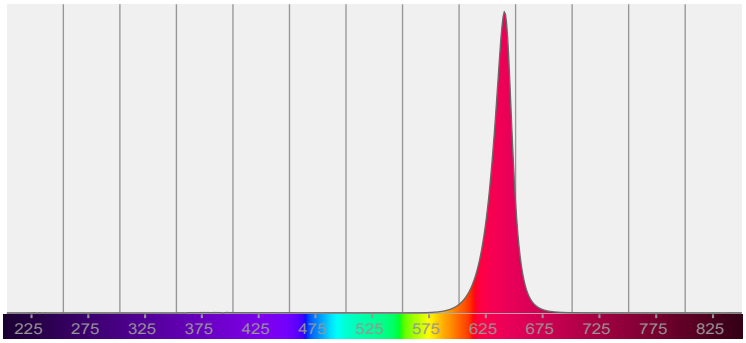
Beam angle 14.6°

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

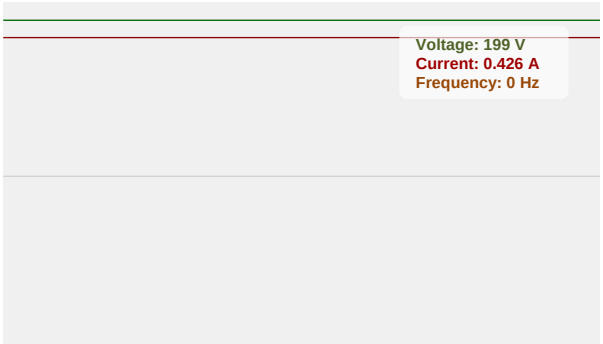
Date and time:
8/26/2026 8:39:36 AM

CIE 1931
x: 0.700
y: 0.296

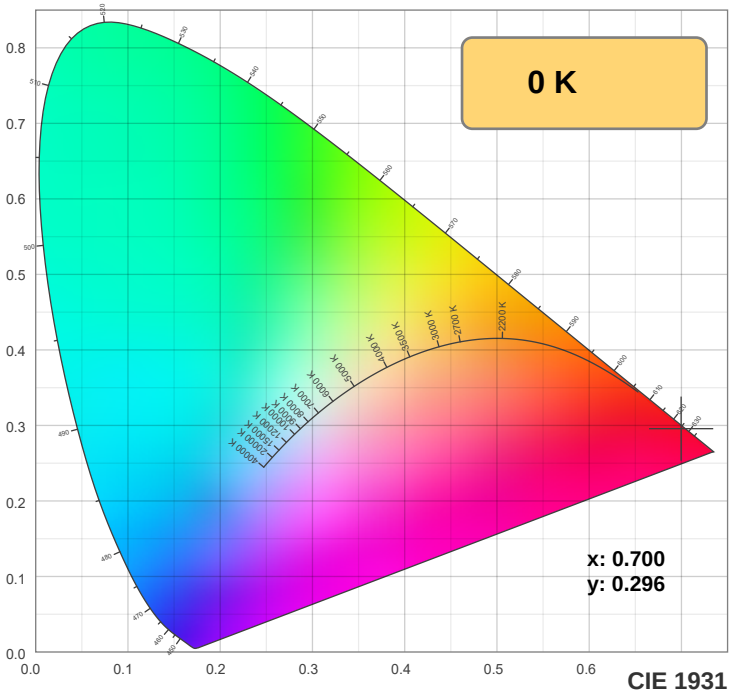
Spectra

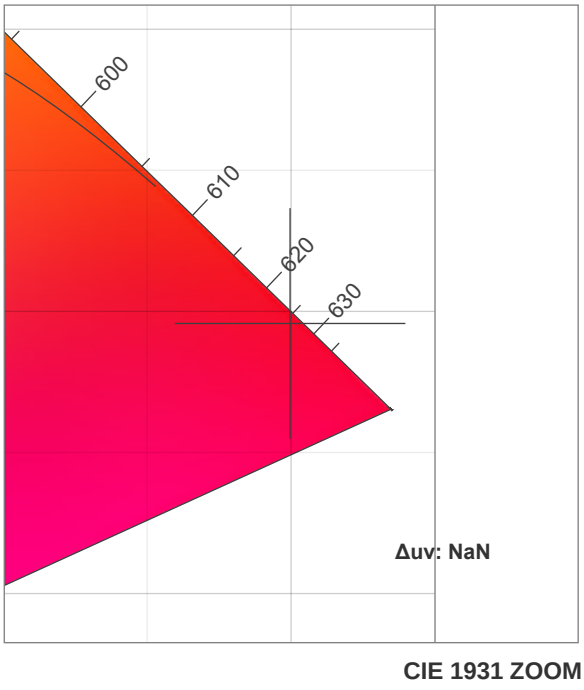


Power

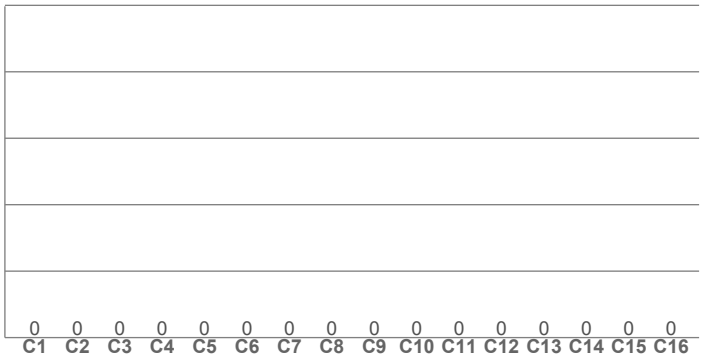


Color details

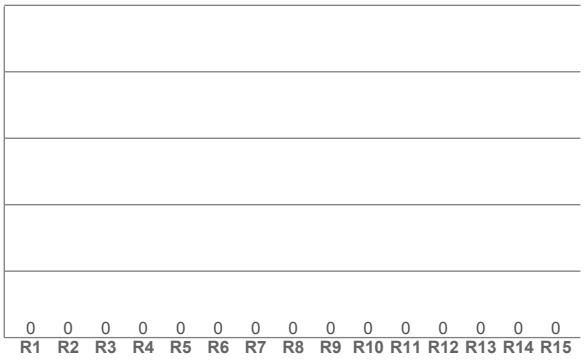




TM-30: 0.0



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

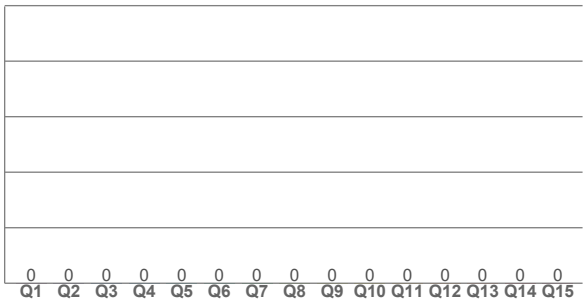
TM30 C values, 16 binned values out of total of 99 C values

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	0.700	0.296	0.543	0.345	NaN

TM-30 details

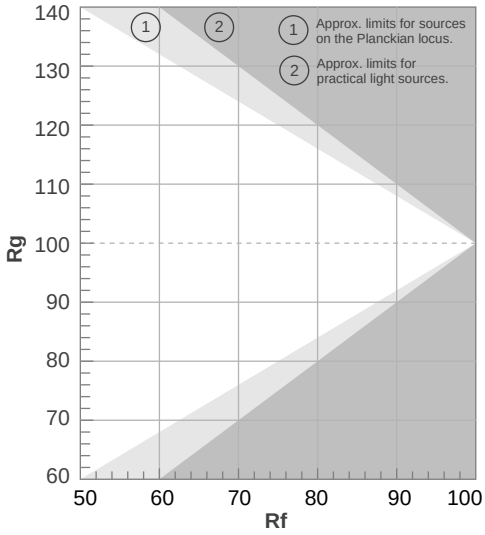
Rf 0.0

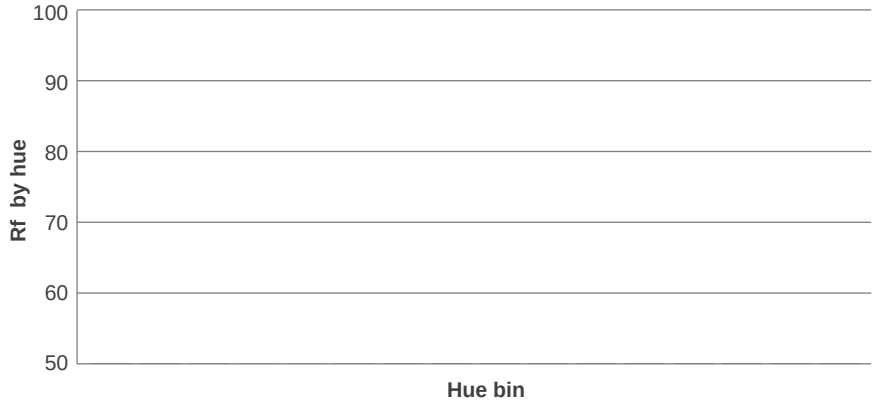
Fidelity index Rf

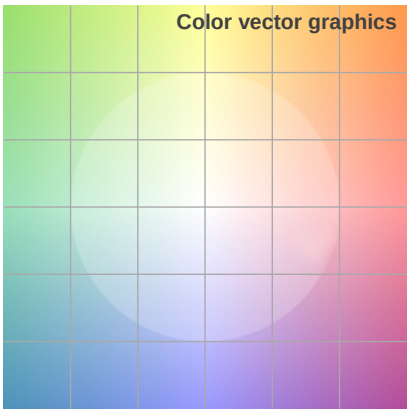
Rg 0.0

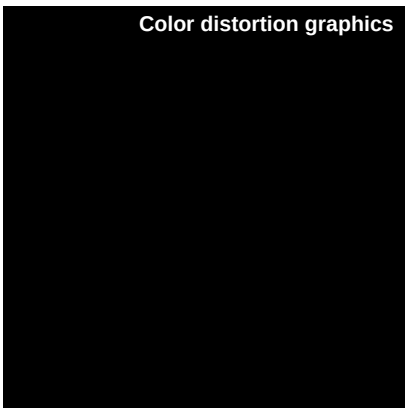
Gamut index Rg

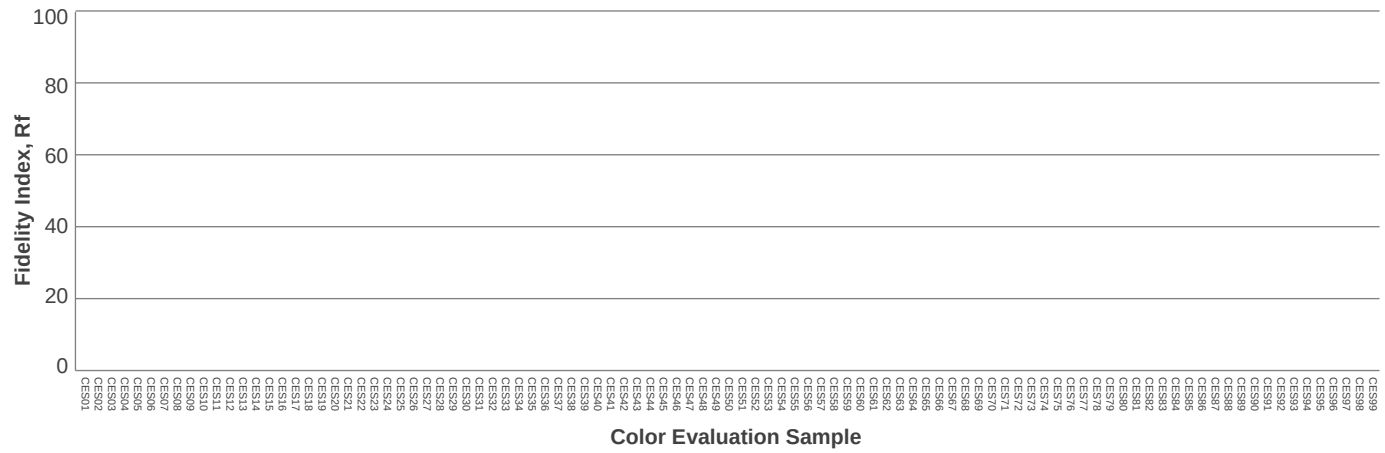
		Shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



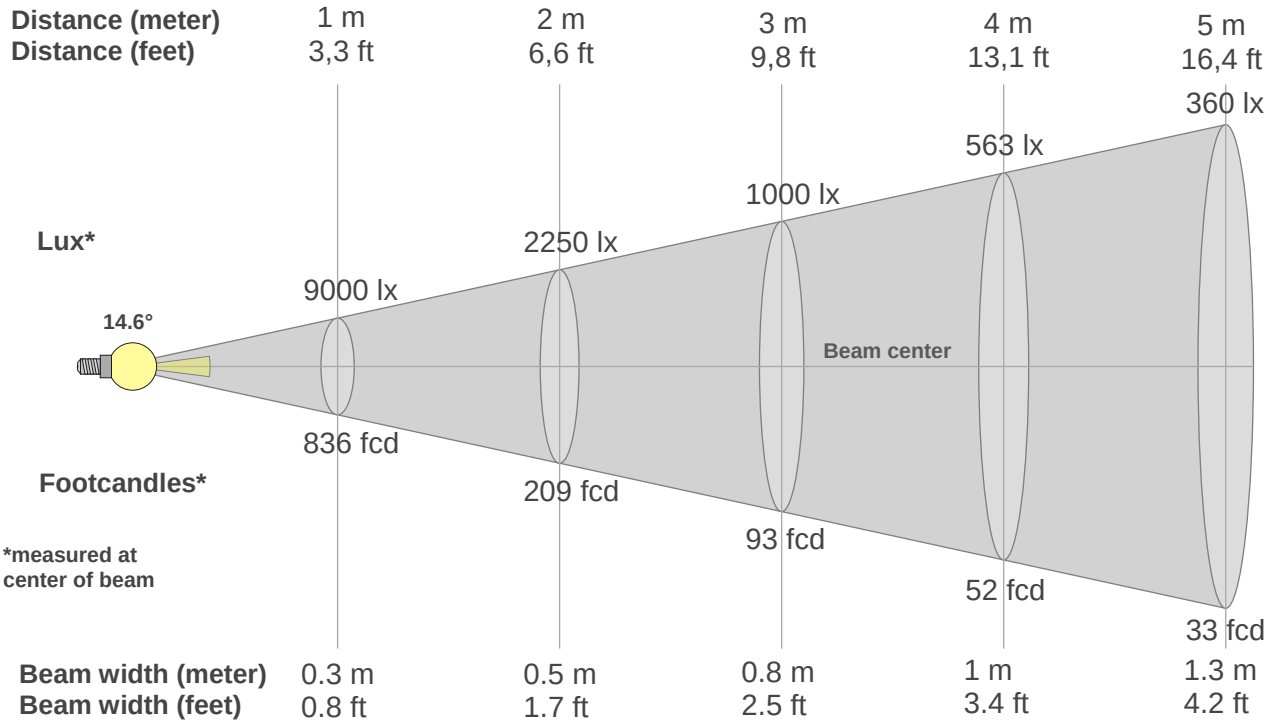








Beam details



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
9000lx	2250lx	1000lx	563lx	360lx	250lx	184lx	141lx	111lx	90lx	74lx	63lx	53lx	46lx	40lx	35lx	31lx	28lx	25lx	23lx
836.2fcd	209fcd	92.9fcd	52.3fcd	33.4fcd	23.2fcd	17.1fcd	13.1fcd	10.3fcd	8.4fcd	6.9fcd	5.8fcd	4.9fcd	4.3fcd	3.7fcd	3.3fcd	2.9fcd	2.6fcd	2.3fcd	2.1fcd

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°
9000	8913	8636	8207	7628	6868	6004	4888	3521	2129	975	330	87	34	32	32	29	31	29	28
100%	99%	96%	91%	85%	76%	67%	54%	39%	24%	11%	4%	1%	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°
9000	8913	8636	8207	7628	6868	6004	4888	3521	2129	975	330	87	34	32	32	29	31	29	28
100%	99%	96%	91%	85%	76%	67%	54%	39%	24%	11%	4%	1%	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°
9000	8913	8636	8207	7628	6868	6004	4888	3521	2129	975	330	87	34	32	32	29	31	29	28
100%	99%	96%	91%	85%	76%	67%	54%	39%	24%	11%	4%	1%	0%	0%	0%	0%	0%	0%	0%

Intensities in 270° c-plane

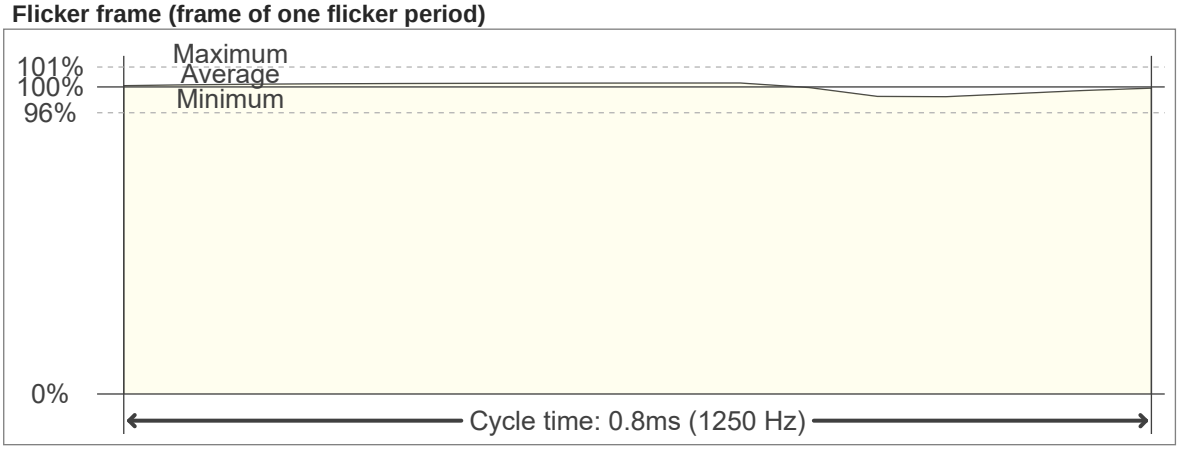
0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
9000	8913	8636	8207	7628	6868	6004	4888	3521	2129	975	330	87	34	32	32	29	31	29	28
100%	99%	96%	91%	85%	76%	67%	54%	39%	24%	11%	4%	1%	0%	0%	0%	0%	0%	0%	0%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
14.6°	**20.2°**	**22.6°**	**68.2%**	**63.4%**

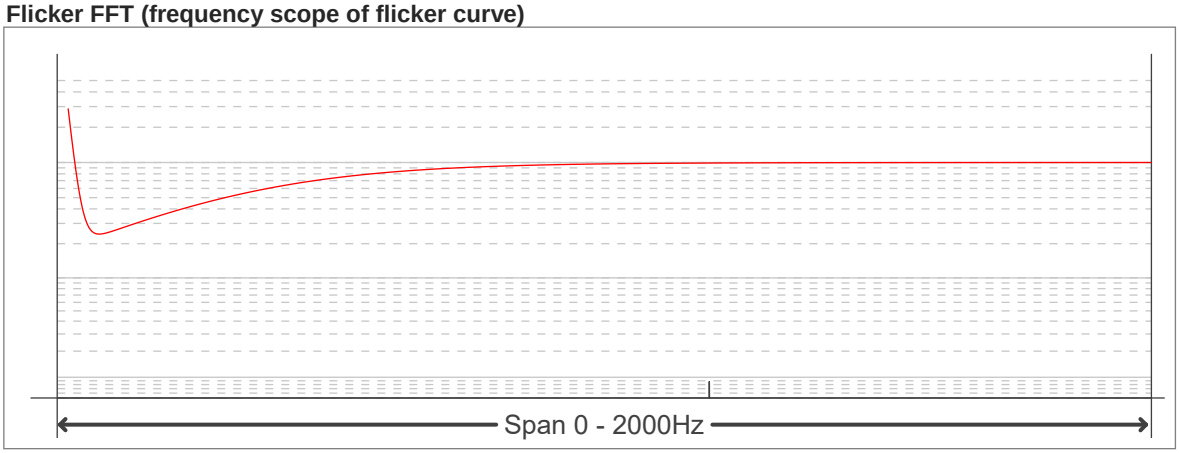
Flicker

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:	0.01	JA8/10 40Hz	0.1 %
Flicker percentage:	2.5 %	JA8/10 90Hz	0.11 %
SVM: (Visual flicker)	0.02	JA8/10 200Hz	0.13 %
PstLM	0	JA8/10 400Hz	0.13 %
Mp	0.06	JA8/10 1000Hz	0.22 %

Flicker conditions:

Sample rate:	20000 samples/second