Light efficiency:

17 Lumen/Watt

Light quality:

CRI: 0.0

Color temperature:

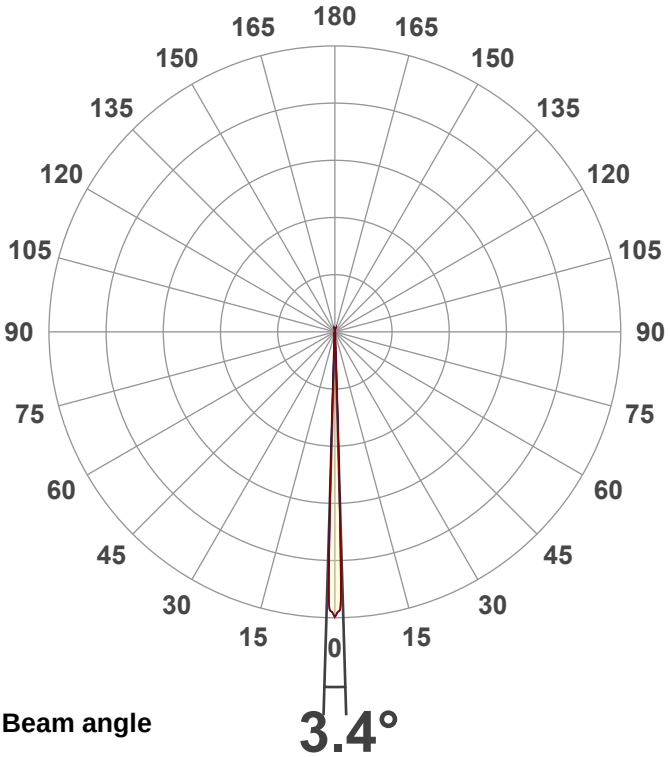
0 K

Output: 1549 lm

Peak: 299937 cd

Power: 90.5 W

PF: 1.0



Beam angle 3.4°

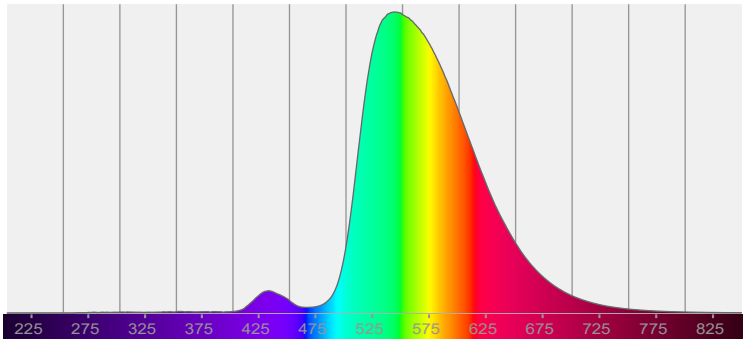
Product name:
Vizi Xtreme (Zoom Narrow,Lime)

Item number:

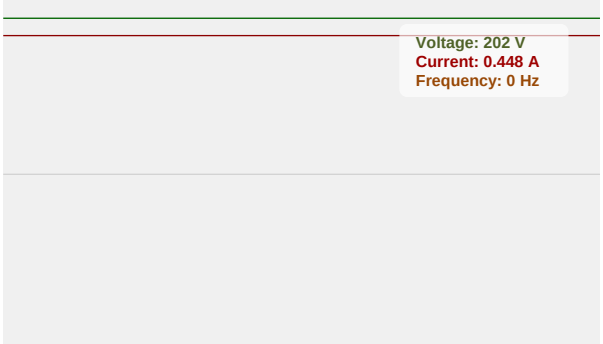
Date and time:
8/27/2026 1:36:33 PM

CIE 1931
x: 0.411
y: 0.540

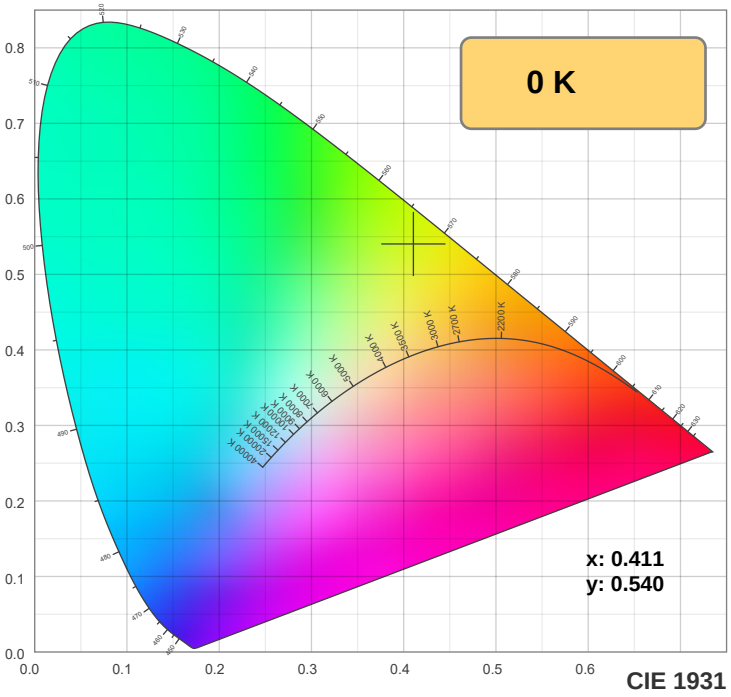
Spectra

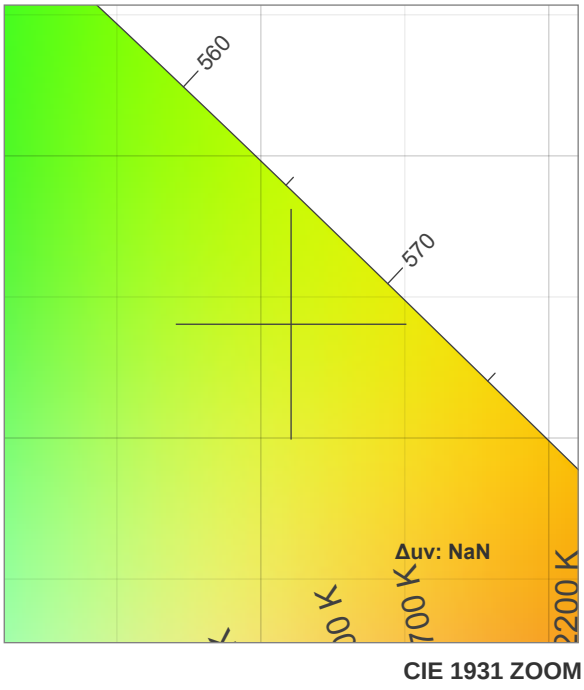


Power

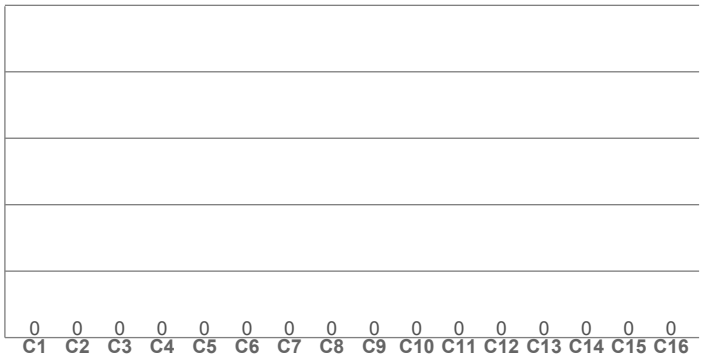


Color details

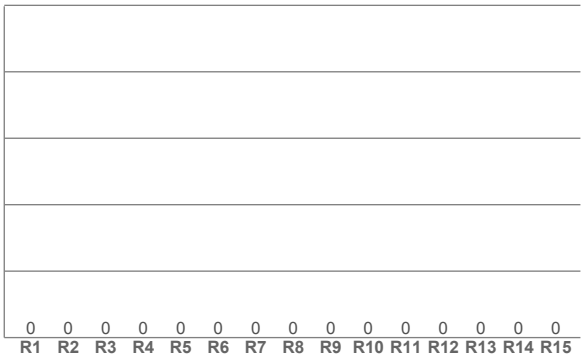




TM-30: 0.0



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

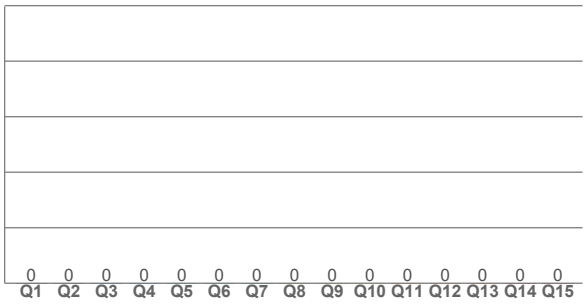
TM30 C values, 16 binned values out of total of 99 C values

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	0.411	0.540	0.190	0.374	NaN

TM-30 details

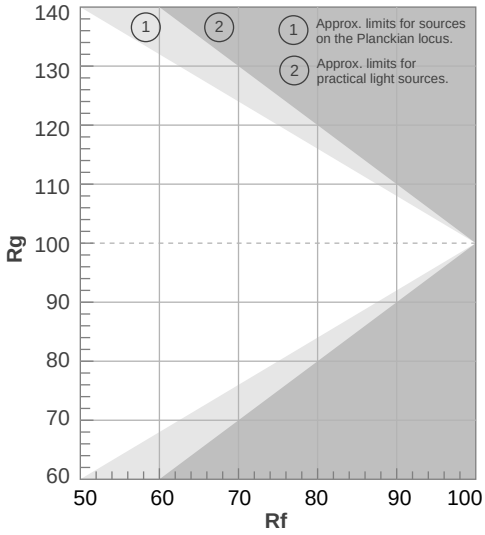
Rf 0.0

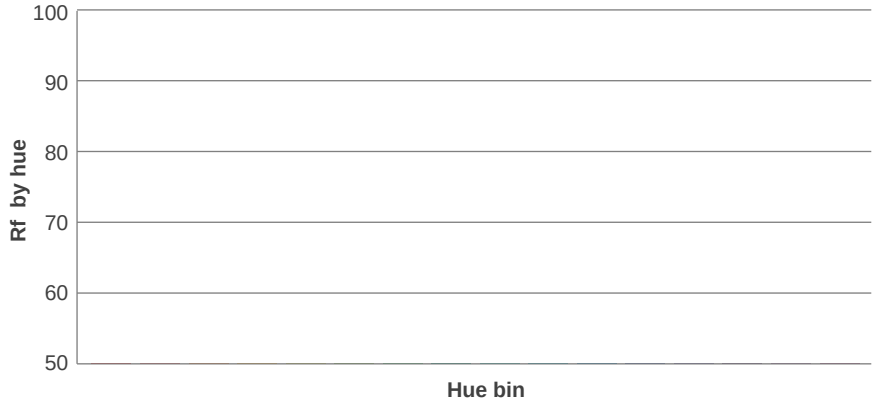
Fidelity index Rf

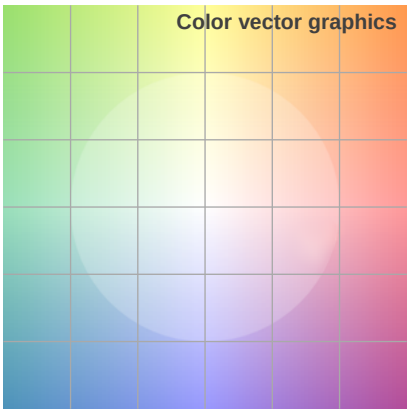
Rg 0.0

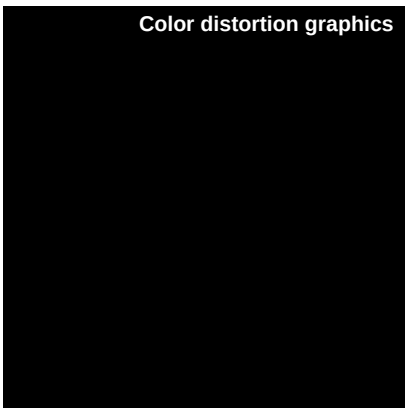
Gamut index Rg

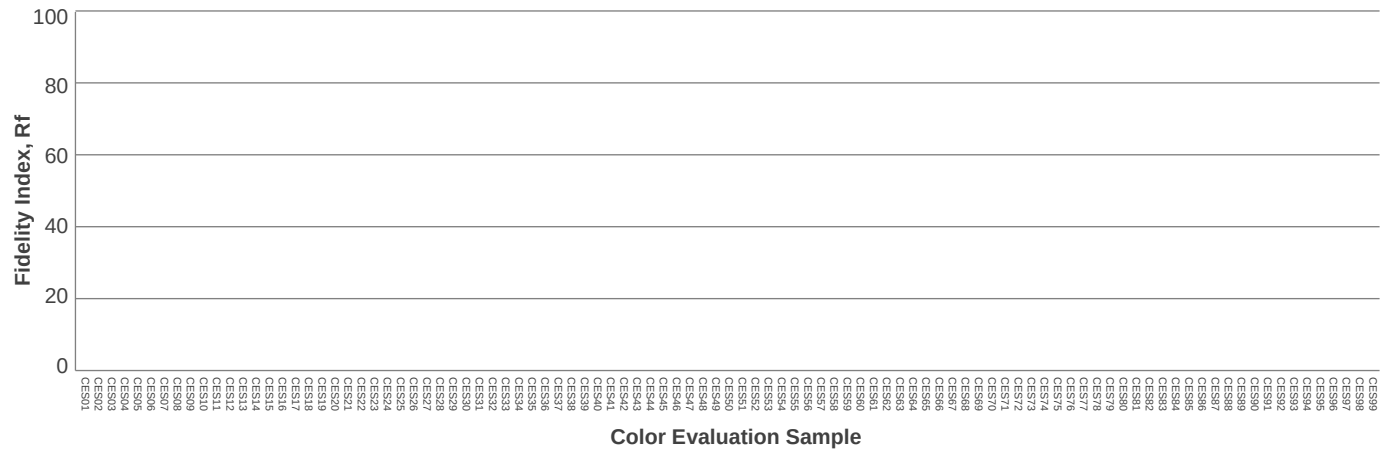
		Shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



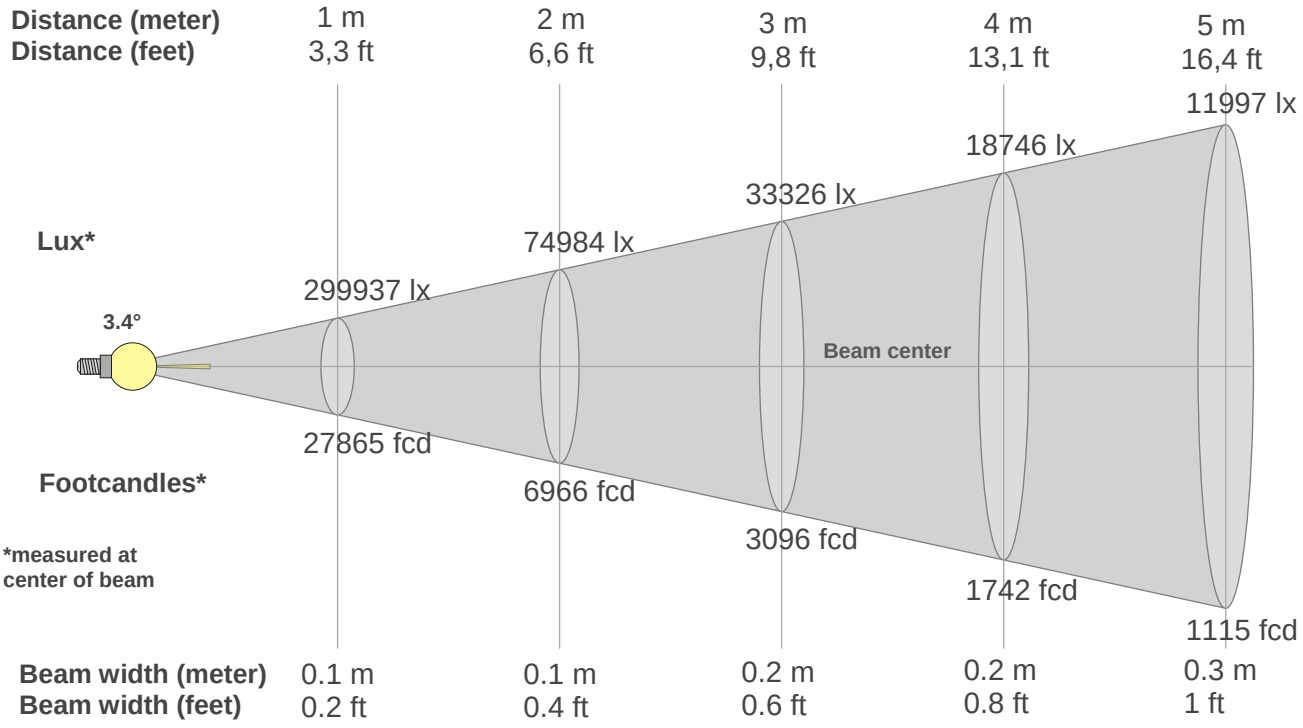








Beam details



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
299937lx	74984lx	33326lx	18746lx	11997lx	8332lx	6121lx	4687lx	3703lx	2999lx	2479lx	2083lx	1775lx	1530lx	1333lx	1172lx	1038lx	926lx	831lx	750lx
27865fcd	6966.3fcd	3096.1fcd	1741.6fcd	1114.6fcd	774fcd	568.7fcd	435.4fcd	344fcd	278.7fcd	230.3fcd	193.5fcd	164.9fcd	142.2fcd	123.8fcd	108.8fcd	96.4fcd	86fcd	77.2fcd	69.7fcd

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°
300k	294k	54k	0k	0k	0k	0k	0k	0k	0k	0k	0k	0k	0k	0k	0k	0k	0k	0k	0k
100%	98%	18%	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°
300k	294k	54k	0k	0k	0k	0k	0k	0k	0k	0k	0k	0k	0k	0k	0k	0k	0k	0k	0k
100%	98%	18%	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°
300k	294k	54k	0k	0k	0k	0k	0k	0k	0k	0k	0k	0k	0k	0k	0k	0k	0k	0k	0k
100%	98%	18%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Intensities in 270° c-plane

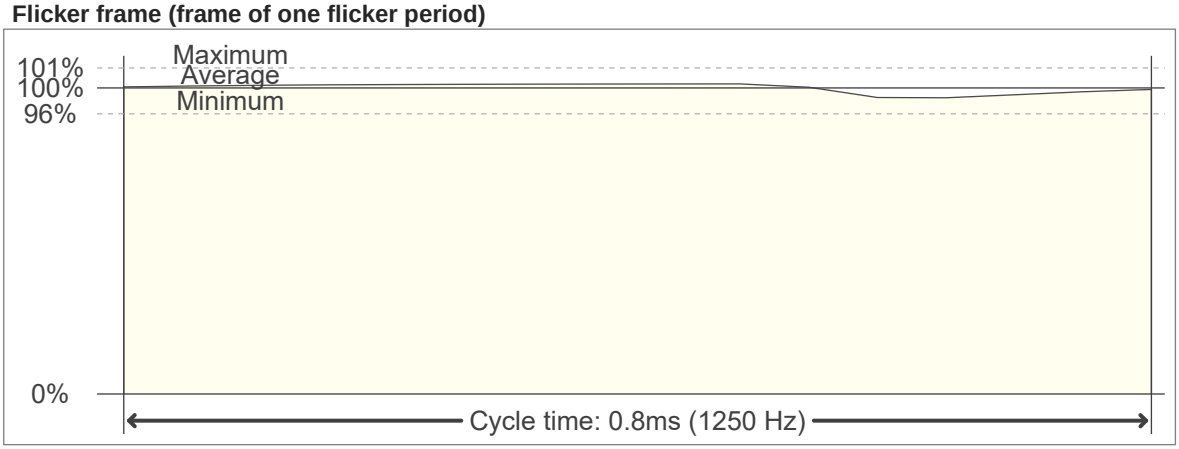
0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
300k	294k	54k	0k	0k	0k	0k	0k	0k	0k	0k	0k	0k	0k	0k	0k	0k	0k	0k	0k
100%	98%	18%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
3.4°	4.2°	4.5°	66.4%	61.7%

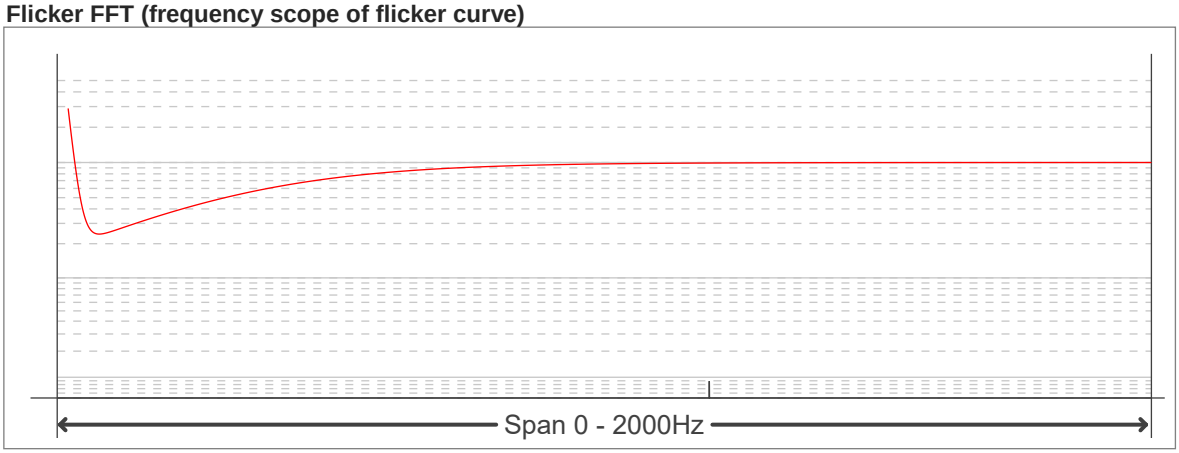
Flicker

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	0.33 %
Flicker percentage:	2.83 %	JA8/10 90Hz	0.43 %
SVM: (Visual flicker)	0.02	JA8/10 200Hz	0.44 %
PstLM	0	JA8/10 400Hz	0.45 %
Mp	0.23	JA8/10 1000Hz	0.46 %

Flicker conditions:

Sample rate:	20000 samples/second