

Light efficiency:



Light quality:



Color temperature:



Output: 434 lm  
Peak: 7612 cd  
Power: 26.8 W  
PF: 0.93



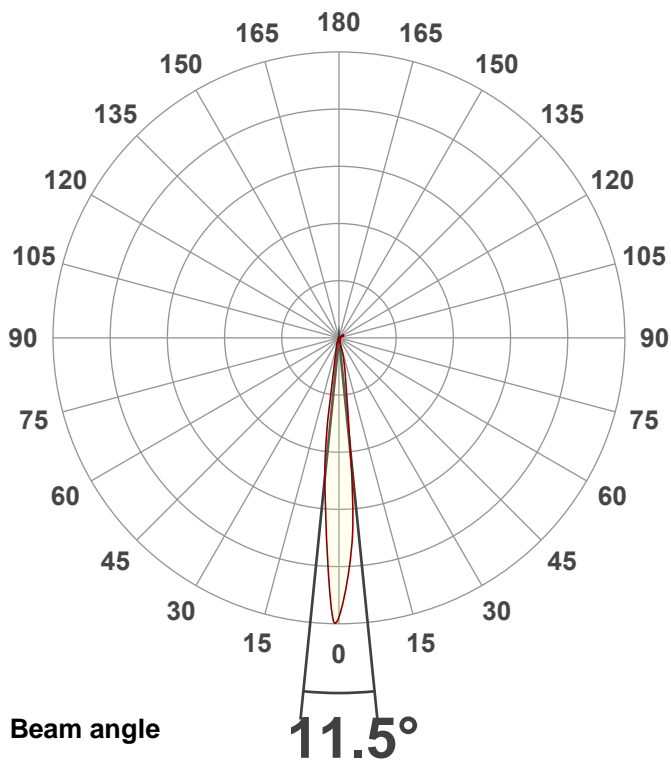
Tracking number: [n/a](#)

Product name:  
**ElectraPix Par 7**

Item number:  
**Red**

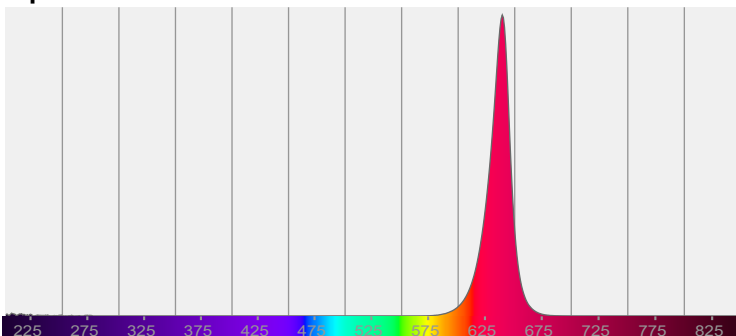
Date and time:  
**9/4/2024 2:02:49 PM**

Description:

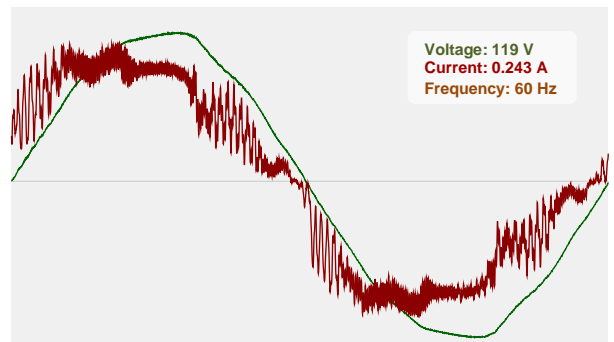


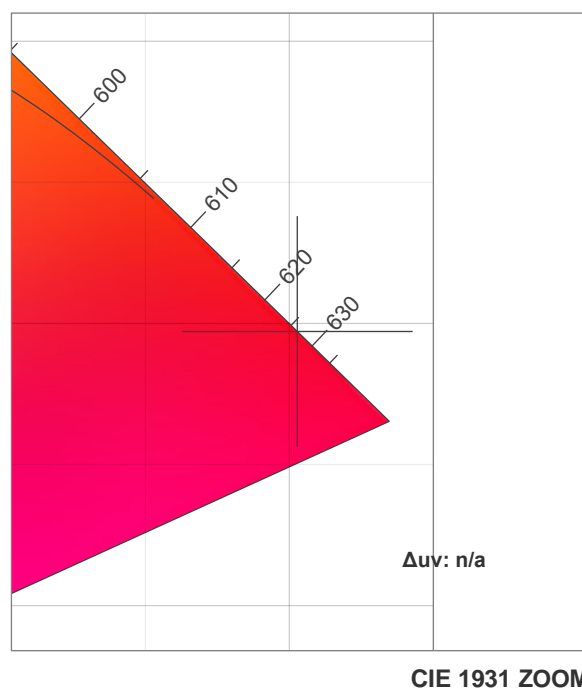
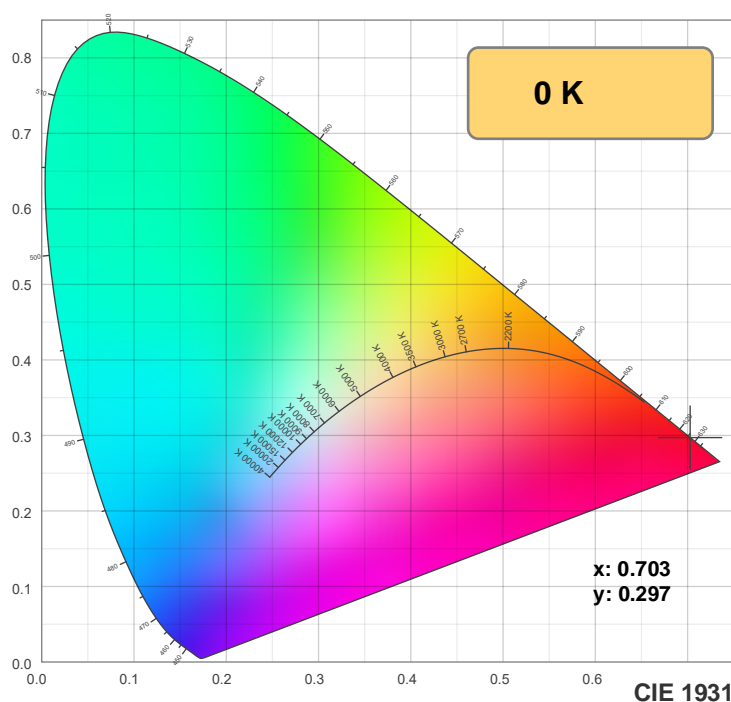
CIE 1931  
x: 0.703  
y: 0.297

Spectra



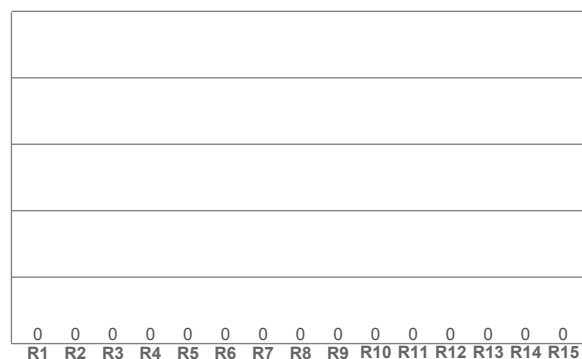
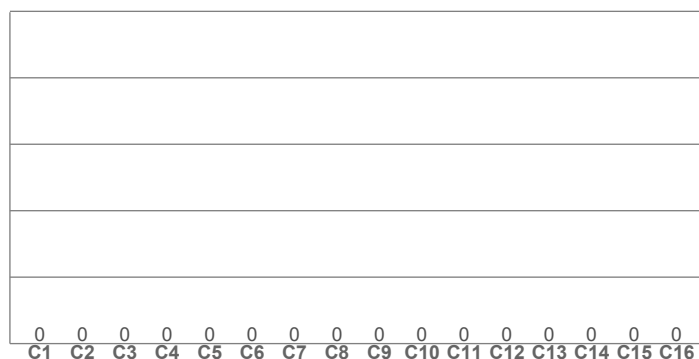
Power





**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

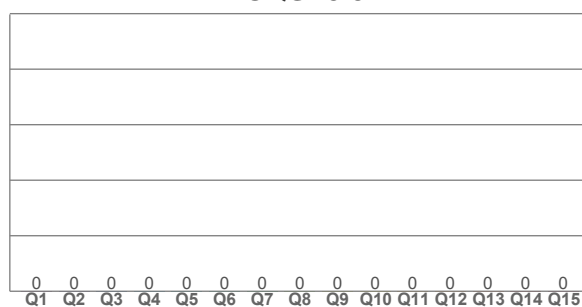
**TM30 C values, 16 binned values out of total of 99 C values**

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
<b>0 K</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.703</b>	<b>0.297</b>	<b>0.545</b>	<b>0.346</b>	<b>n/a</b>

# TM-30 details

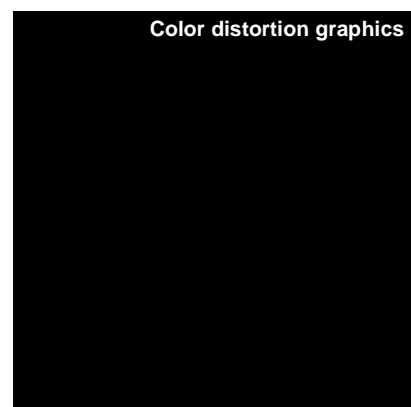
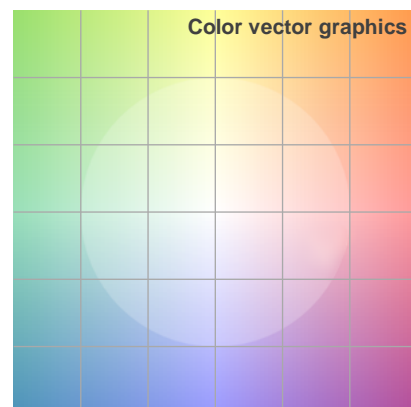
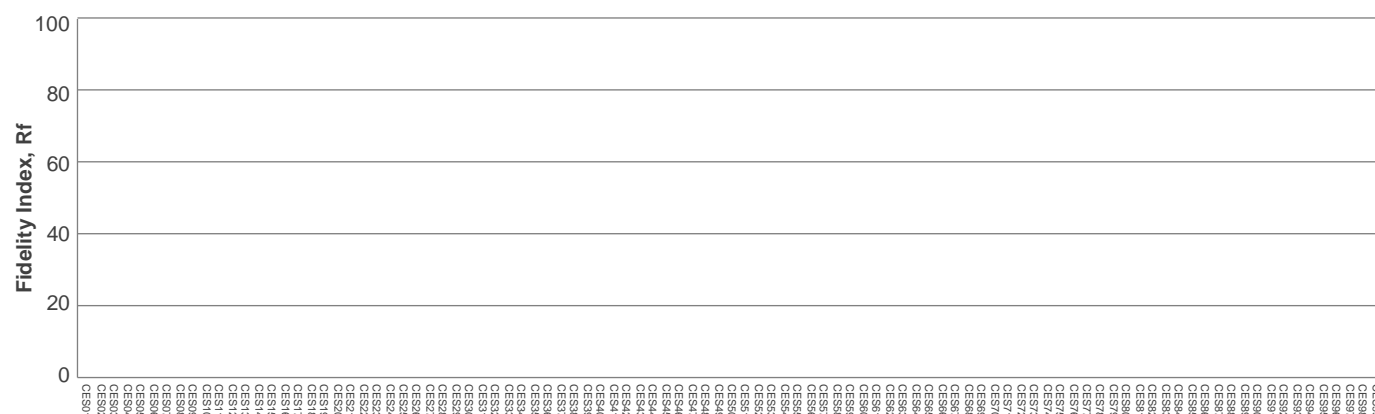
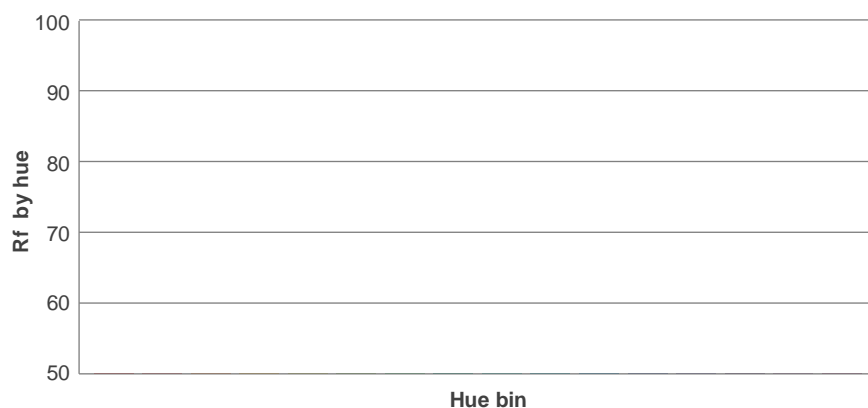
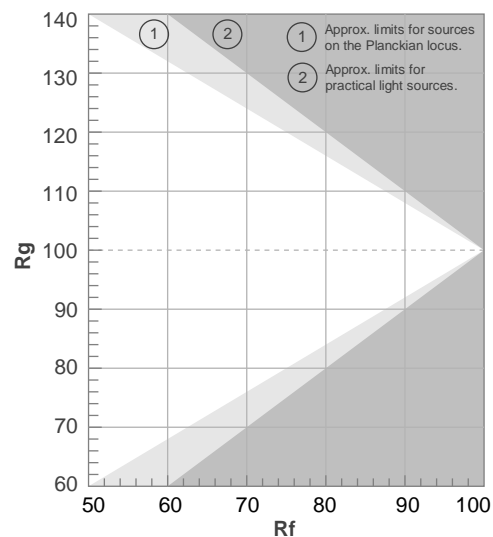
**Rf 0.0**

Fidelity index Rf

**Rg 0.0**

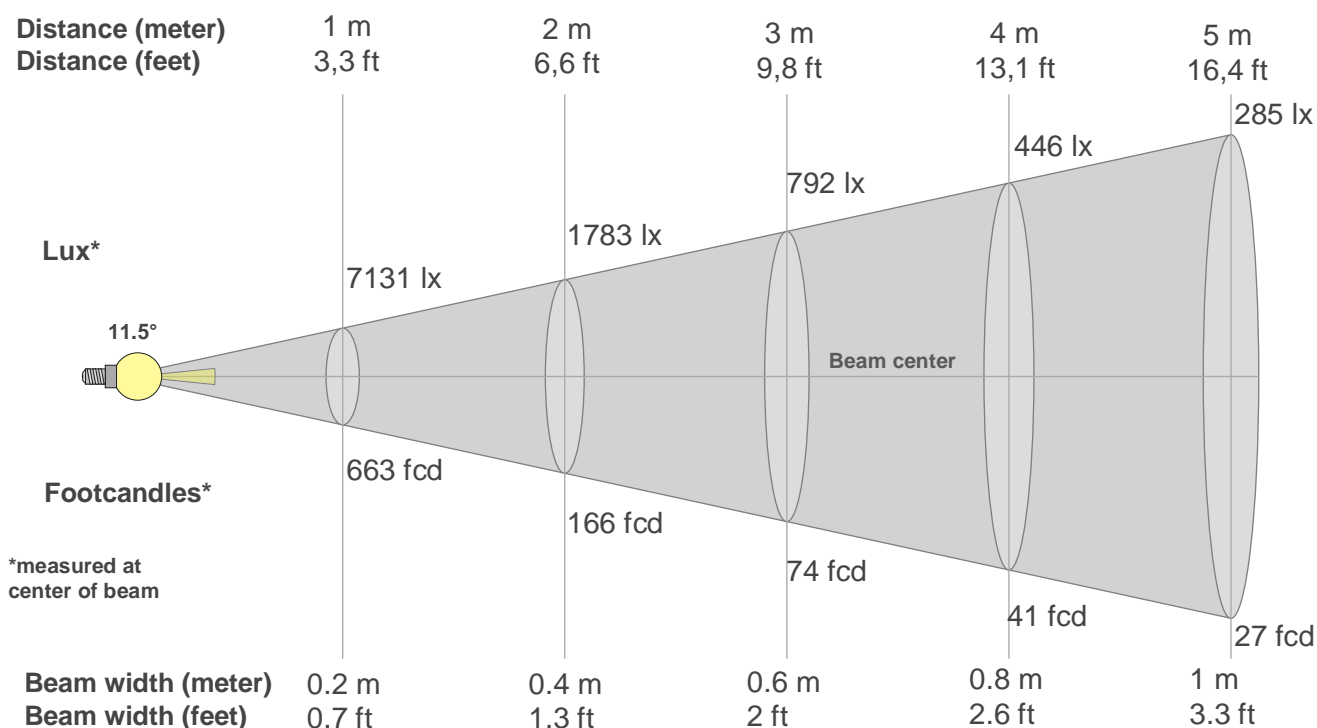
Gamut index Rg

Hue Bin	R <sub>t</sub>	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%



Color Evaluation Sample

## 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
7131lx	1783lx	792lx	446lx	285lx	198lx	146lx	111lx	88lx	71lx	59lx	50lx	42lx	36lx	32lx	28lx	25lx	22lx	20lx	18lx
662.5fcd	165.6fcd	73.6fcd	41.4fcd	26.5fcd	18.4fcd	13.5fcd	10.4fcd	8.2fcd	6.6fcd	5.5fcd	4.6fcd	3.9fcd	3.4fcd	2.9fcd	2.6fcd	2.3fcd	2fcd	1.8fcd	1.7fcd

### 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°
7131	6663	6195	5727	5248	4426	3603	2781	1958	1156	951	747	542	337	139	120	101	82	63	44
100%	93%	87%	80%	74%	62%	51%	39%	27%	16%	13%	10%	8%	5%	2%	2%	1%	1%	1%	1%

### 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°
7131	6663	6195	5727	5248	4426	3603	2781	1958	1156	951	747	542	337	139	120	101	82	63	44
100%	93%	87%	80%	74%	62%	51%	39%	27%	16%	13%	10%	8%	5%	2%	2%	1%	1%	1%	1%

### 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°
7131	7599	6828	6023	5218	4413	3607	2987	2374	1760	1146	533	425	338	251	165	78	65	55	45
100%	107%	96%	84%	73%	62%	51%	42%	33%	25%	16%	7%	6%	5%	4%	2%	1%	1%	1%	1%

### Intensities in 270° c-plane

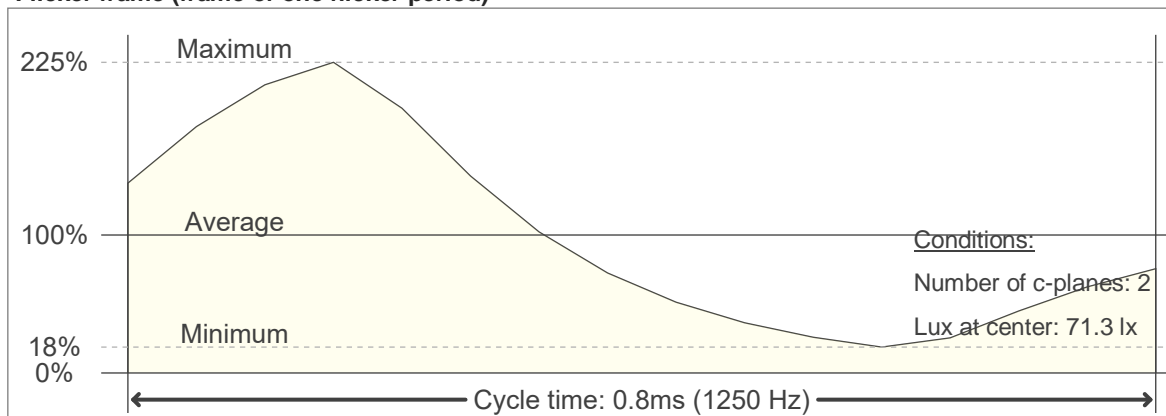
0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
7131	7599	6828	6023	5218	4413	3607	2987	2374	1760	1146	533	425	338	251	165	78	65	55	45
100%	107%	96%	84%	73%	62%	51%	42%	33%	25%	16%	7%	6%	5%	4%	2%	1%	1%	1%	1%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
11.5°	21.6°	28.4°	84.1%	83.4%

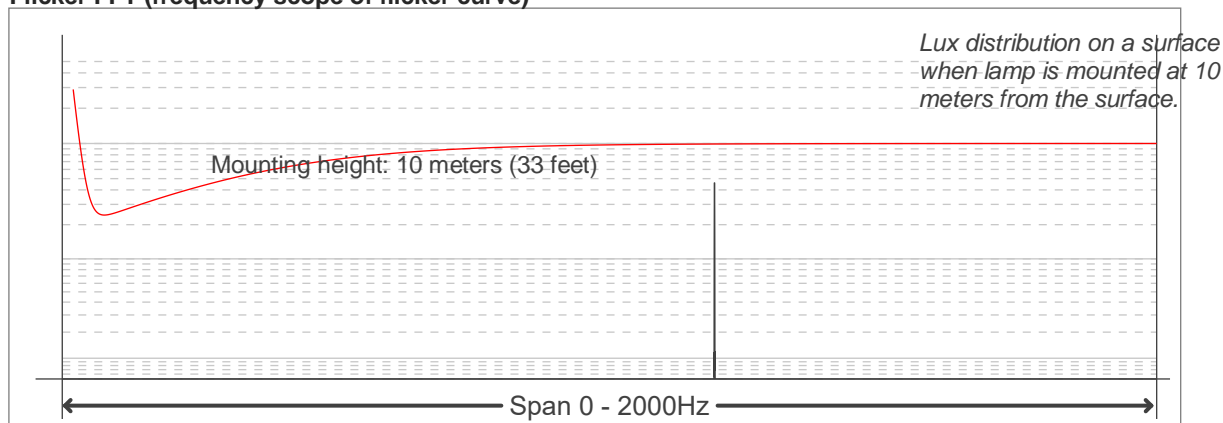
## Flicker

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:	0.3	JA8/10 40Hz	1.51 %
Flicker percentage:	95.58 %	JA8/10 90Hz	3.42 %
SVM: (Visual flicker)	0.93	JA8/10 200Hz	7.79 %
PstLM	0.03	JA8/10 400Hz	16.27 %
Mp	0.27	JA8/10 1000Hz	52.05 %

### Flicker conditions:

Sample rate:	20000 samples/second
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