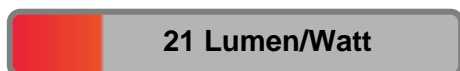


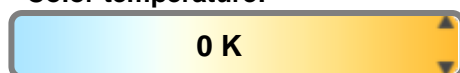
#### Light efficiency:



#### Light quality:



#### Color temperature:

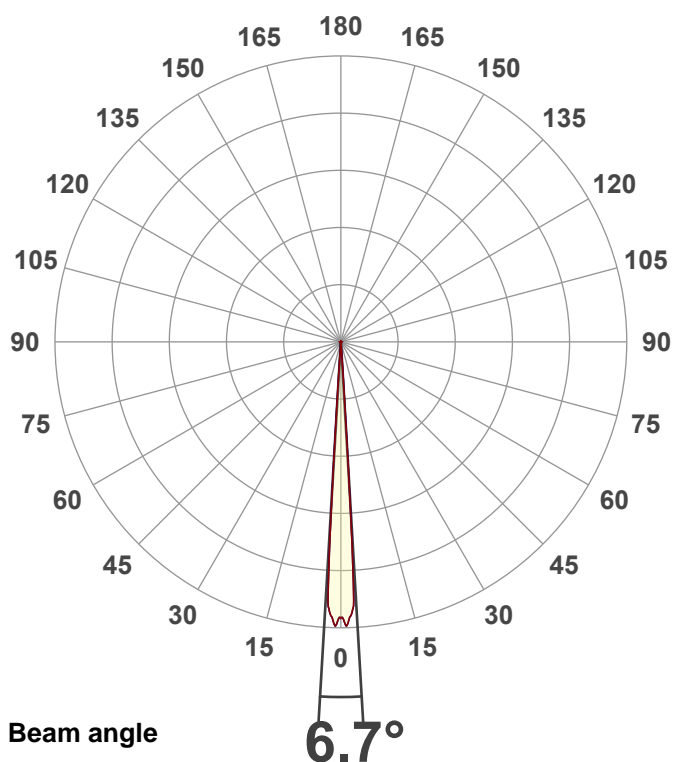


**Output:** 4357 lm  
**Peak:** 305336 cd  
**Power:** 204.7 W  
**PF:** 1.0



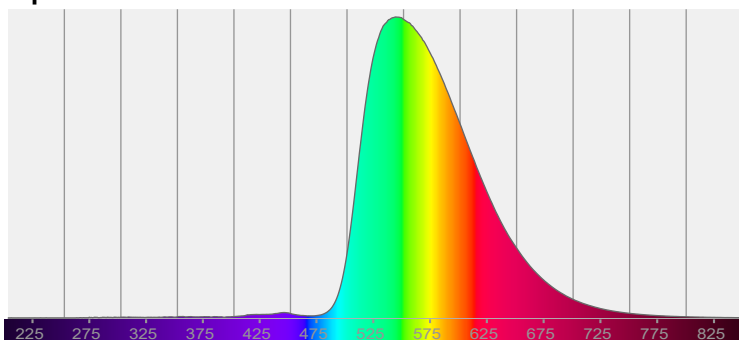
**Product name:**  
**Vizi Pix Z19 (Zoom Narrow,Lime)**  
**Item number:**

**Date and time:**  
**5/1/2026 11:46:23 AM**

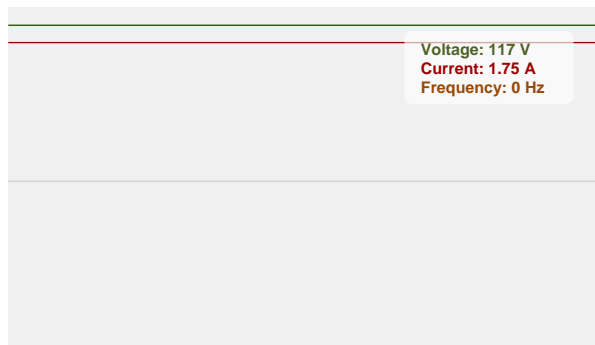


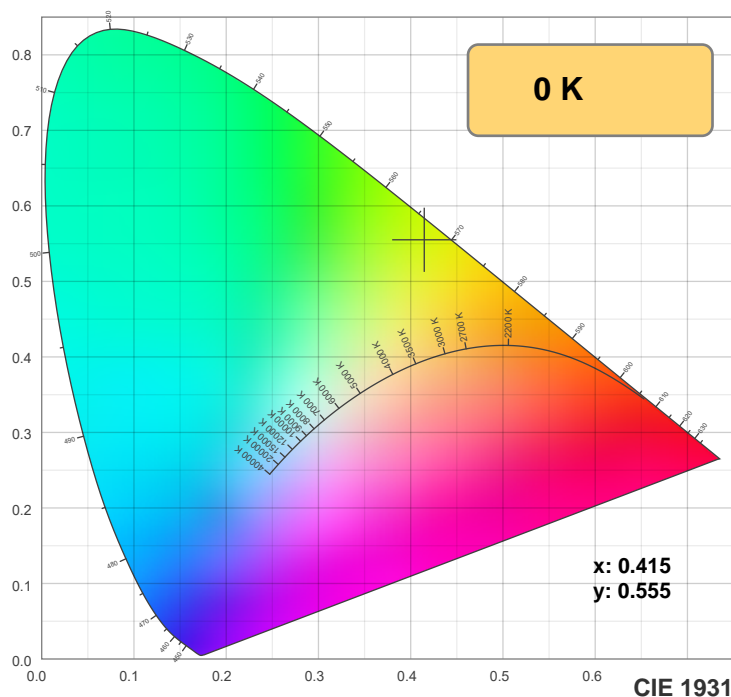
CIE 1931  
x: 0.415  
y: 0.555

#### Spectra

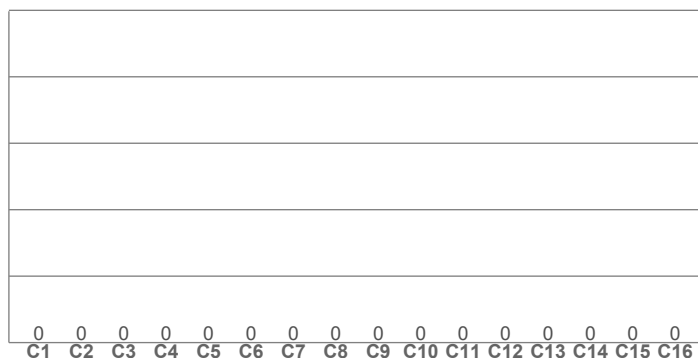


#### Power





TM-30: 0.0



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

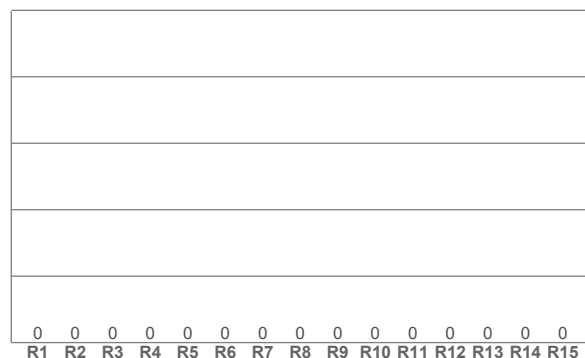
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

## Color parameters

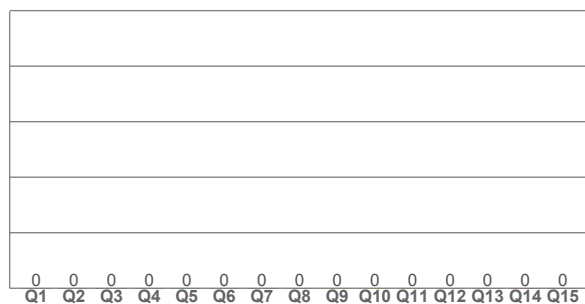
Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Color coordinate cie 1931	Color coordinate cie 1931	Color coordinate	Color coordinate	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	$\Delta uv$
0 K	0.0	0.0	0.0	0.0	0.0	0.415	0.555	0.188	0.377	NaN



CRI: 0.0 (R1-R8)



CQS: 0.0



# TM-30 details

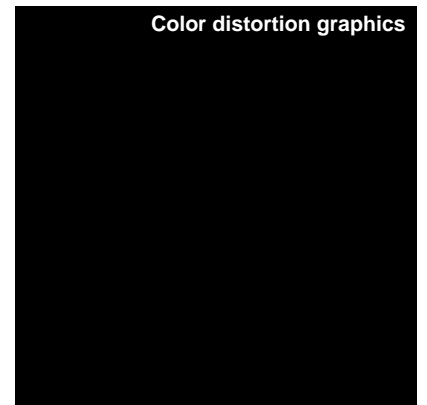
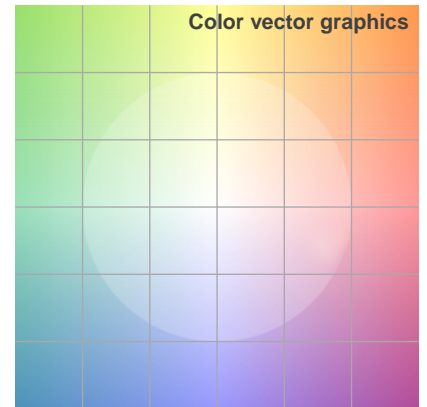
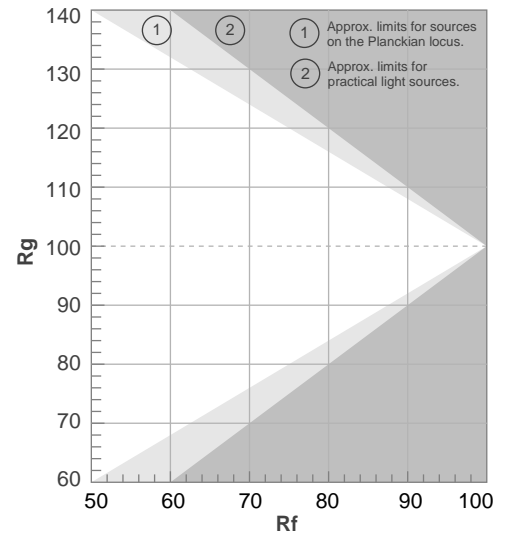
**Rf 0.0**

Fidelity index Rf

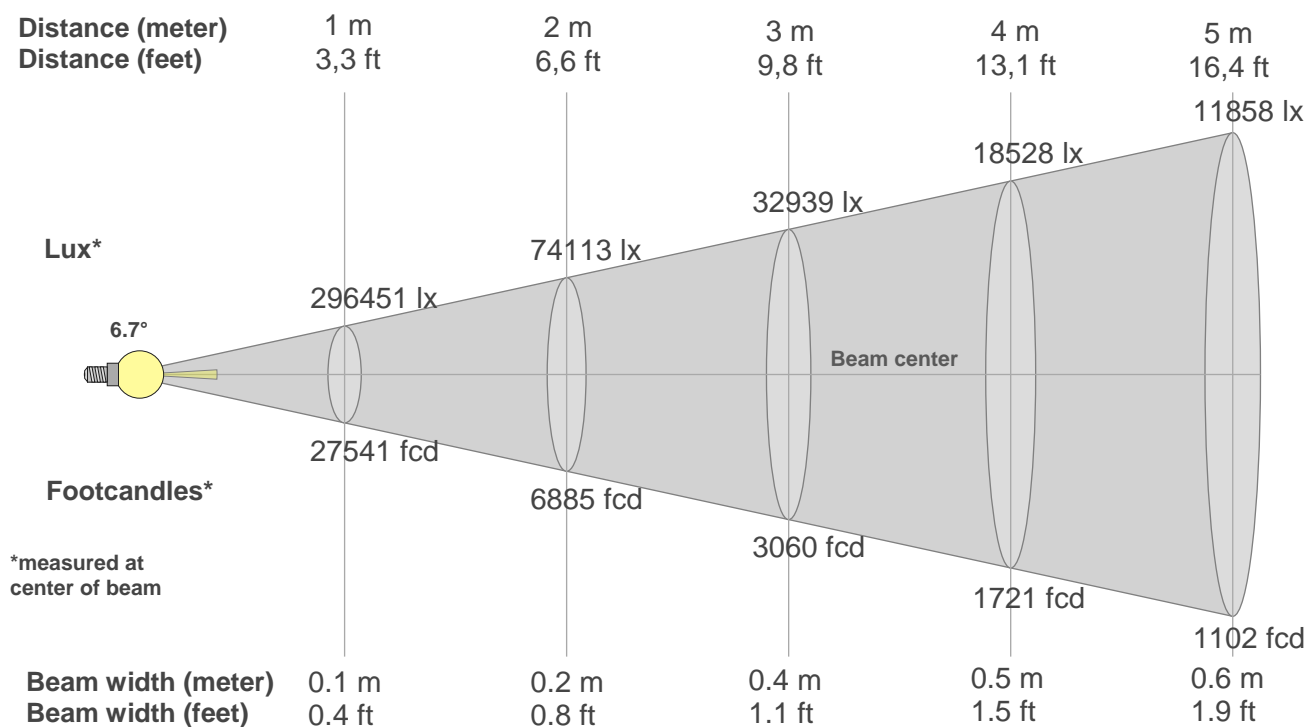
**Rg 0.0**

Gamut index Rg

Hue Bin	R <sub>i</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%



## 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
296451lx	74113lx	32939lx	18528lx	11858lx	8235lx	6050lx	4632lx	3660lx	2965lx	2450lx	2059lx	1754lx	1513lx	1318lx	1158lx	1026lx	915lx	821lx	741lx
27541.2 fcd	6885.3 fcd	3060.1 fcd	1721.3 fcd	1101.6 fcd	765 fcd	562.1 fcd	430.3 fcd	340 fcd	275.4 fcd	227.6 fcd	191.3 fcd	163 fcd	140.5 fcd	122.4 fcd	107.6 fcd	95.3 fcd	85 fcd	76.3 fcd	68.9 fcd

### 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°
296k	304k	295k	247k	14k	1k	1k	1k	0k	0k	0k	0k	0k	0k	0k	0k	0k	0k	0k	0k
100%	103%	99%	83%	5%	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°
296k	304k	295k	247k	14k	1k	1k	1k	0k	0k	0k	0k	0k	0k	0k	0k	0k	0k	0k	0k
100%	103%	99%	83%	5%	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°
296k	304k	295k	247k	14k	1k	1k	1k	0k	0k	0k	0k	0k	0k	0k	0k	0k	0k	0k	0k
100%	103%	99%	83%	5%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

### Intensities in 270° c-plane

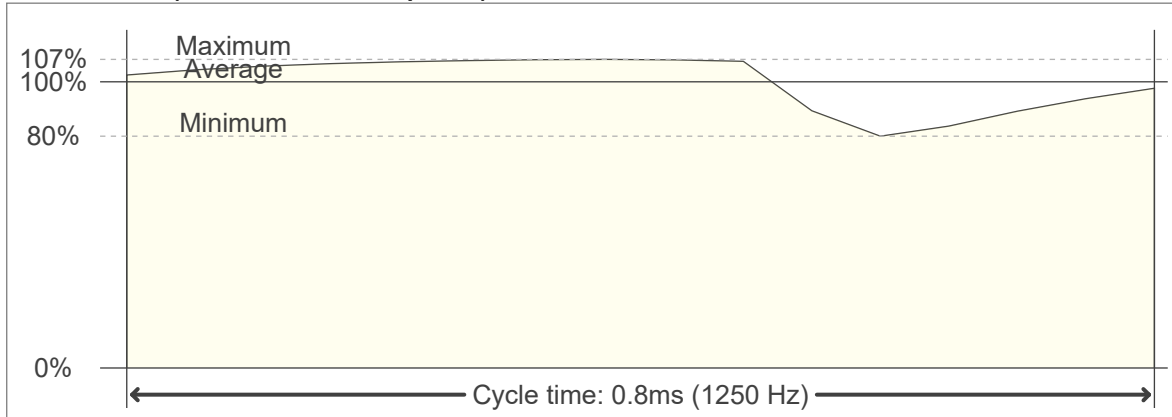
0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
296k	304k	295k	247k	14k	1k	1k	1k	0k	0k	0k	0k	0k	0k	0k	0k	0k	0k	0k	0k
100%	103%	99%	83%	5%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
6.7°	7.7°	8.4°	93.2%	87.9%

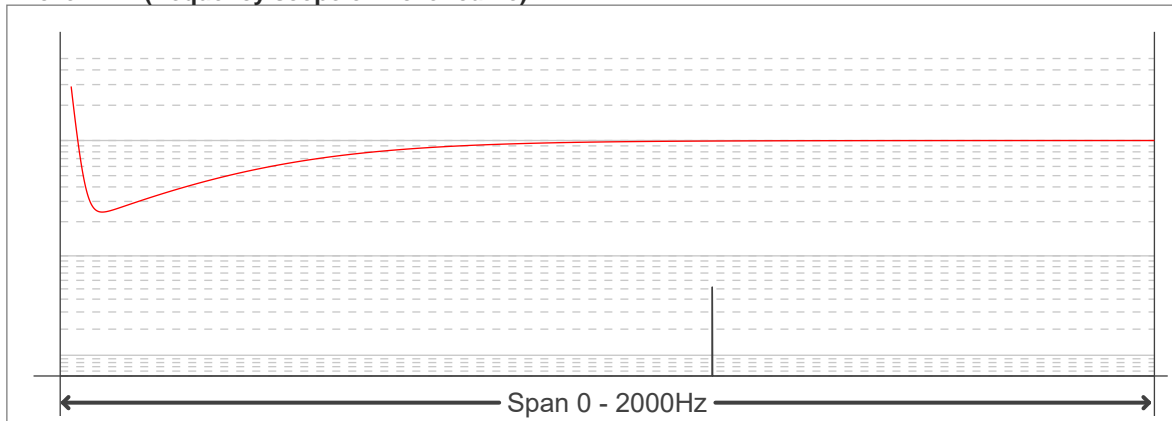
**Flicker curve (complete sampled flicker signal)**



**Flicker frame (frame of one flicker period)**



**Flicker FFT (frequency scope of flicker curve)**



**Flicker results:**

Flicker frequency:		1250 Hz	
Flicker index:	0.04	JA8/10 40Hz	0.13 %
Flicker percentage:	14.73 %	JA8/10 90Hz	0.34 %
SVM: (Visual flicker)	0.11	JA8/10 200Hz	0.34 %
PstLM	0	JA8/10 400Hz	0.35 %
Mp	0.11	JA8/10 1000Hz	1.3 %

**Flicker conditions:**

Sample rate:	20000 samples/second
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