

Light efficiency:

75 Lumen/Watt

Light quality:

CRI: 0.0

Color temperature:

0 K

Output: 4300 lm

Peak: 38112 cd

Power: 57.3 W

PF: 0.97



Tracking number: [n/a](#)

Product name:

ElectraPix Bar 16

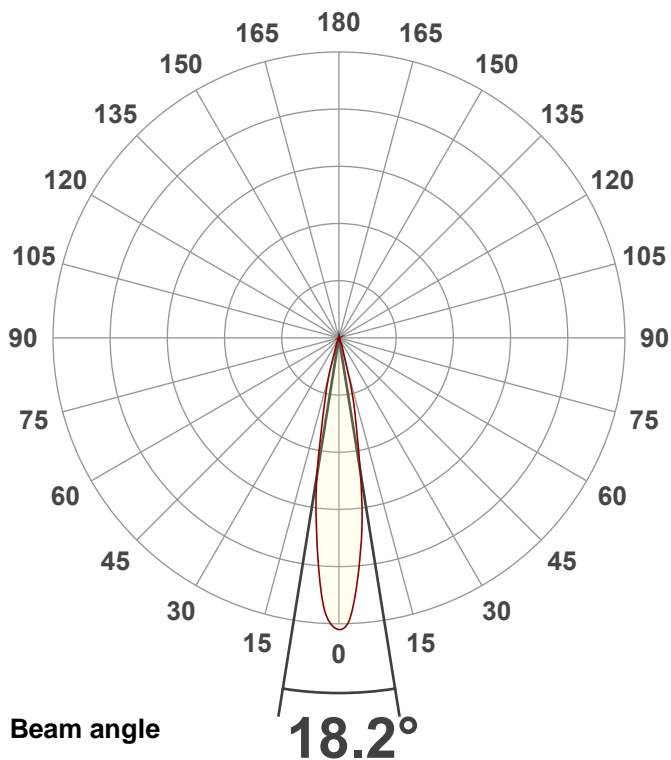
Item number:

Lime No Diffusion

Date and time:

8/30/2024 12:07:18 PM

Description:

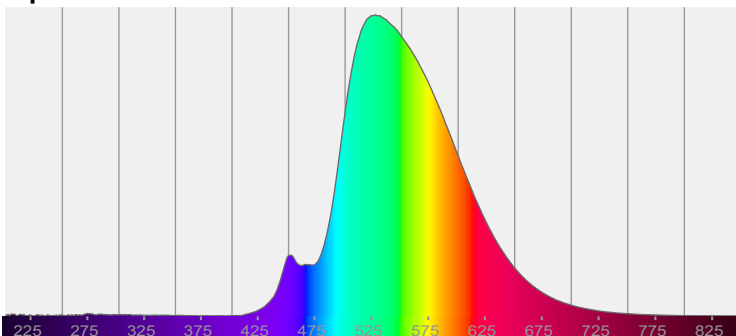


CIE 1931

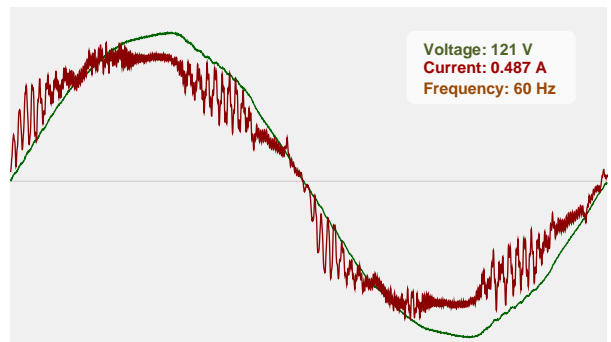
x: 0.351

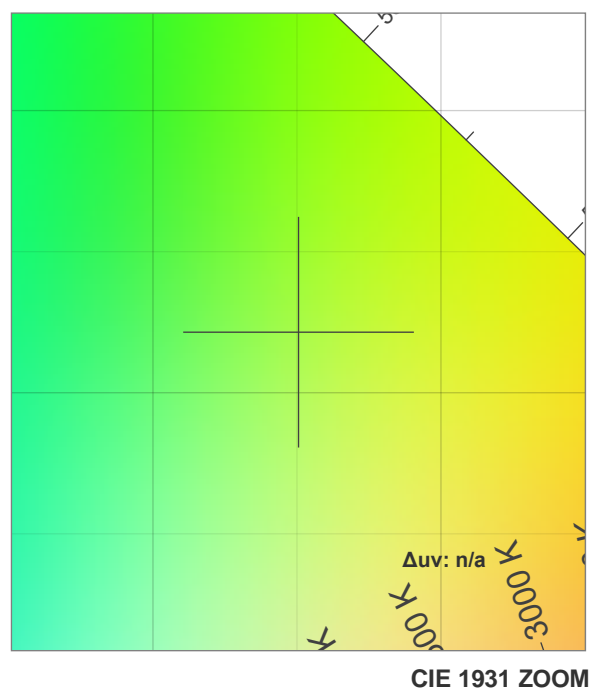
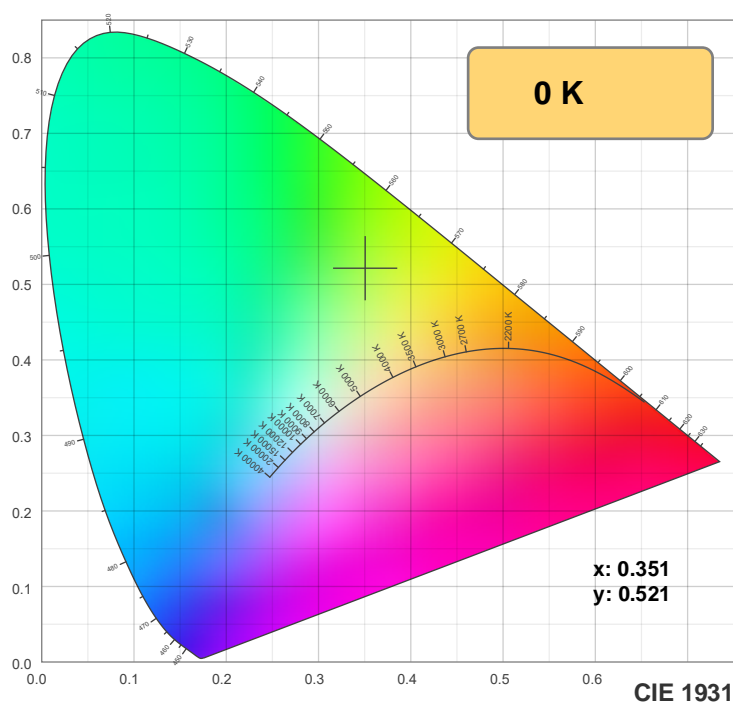
y: 0.521

Spectra



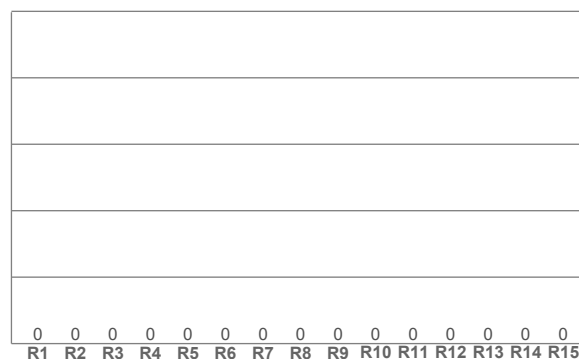
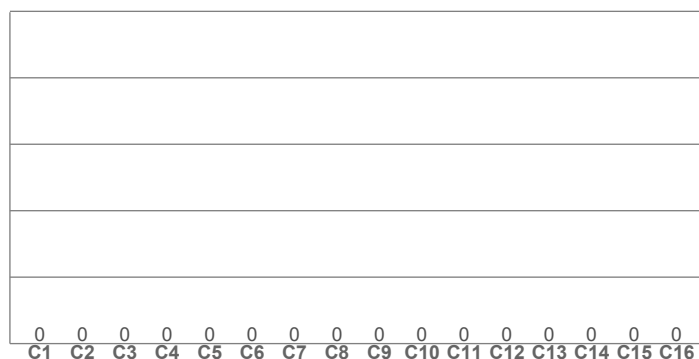
Power





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

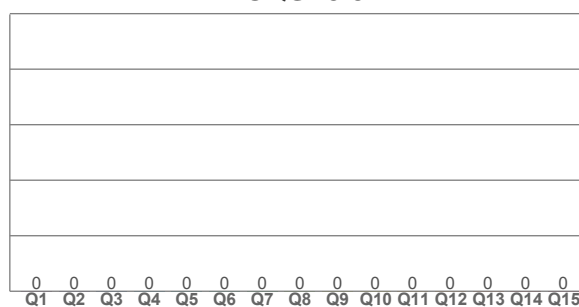
TM30 C values, 16 binned values out of total of 99 C values

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
0 K	0.0	0.0	0.0	0.0	0.0	0.351	0.521	0.164	0.366	n/a

TM-30 details

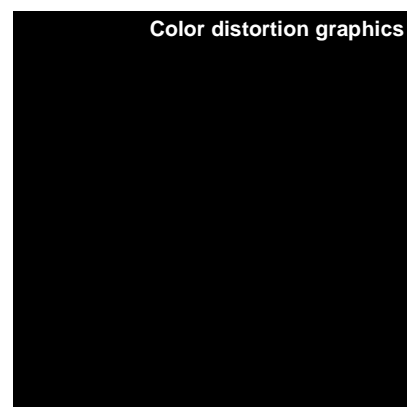
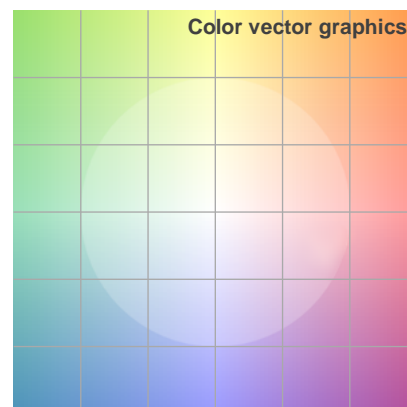
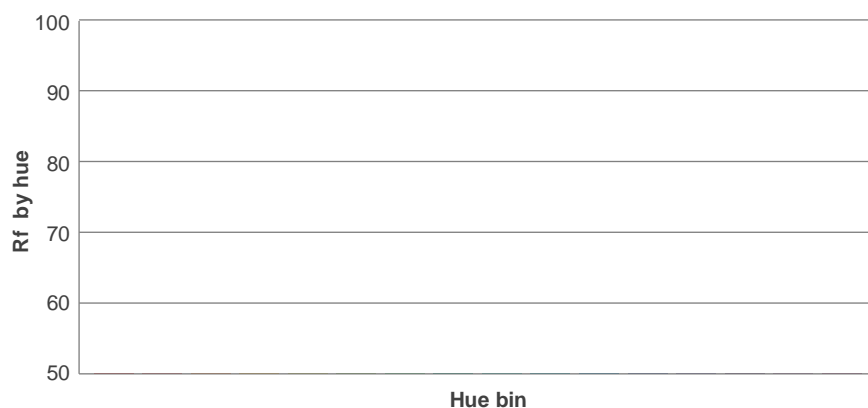
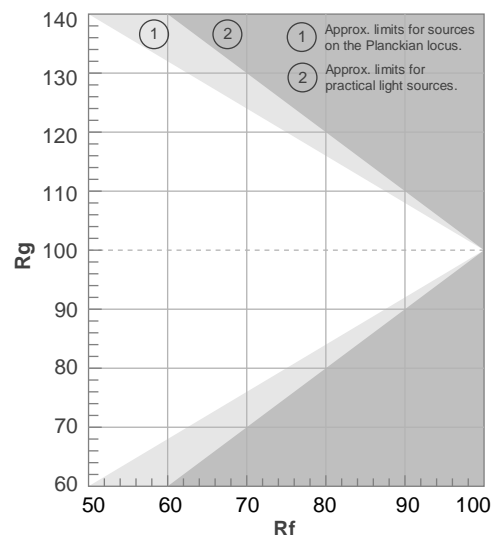
Rf 0.0

Fidelity index Rf

Rg 0.0

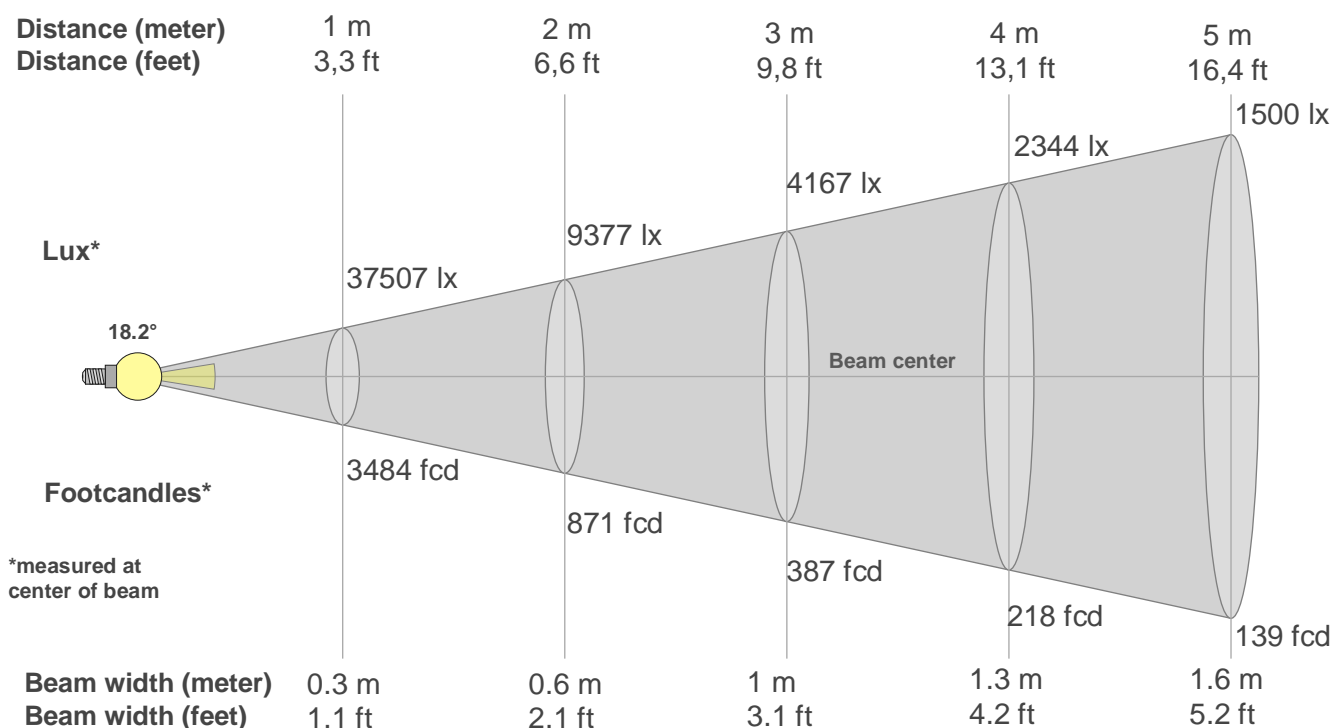
Gamut index Rg

Hue Bin	R _t	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
37507lx	9377lx	4167lx	2344lx	1500lx	1042lx	765lx	586lx	463lx	375lx	310lx	260lx	222lx	191lx	167lx	147lx	130lx	116lx	104lx	94lx
3484.5fcd	871.1fcd	387.2fcd	217.8fcd	139.4fcd	96.8fcd	71.1fcd	54.4fcd	43fcd	34.8fcd	28.8fcd	24.2fcd	20.6fcd	17.8fcd	15.5fcd	13.6fcd	12.1fcd	10.8fcd	9.7fcd	8.7fcd

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°
37.5K	37.8K	38.0K	35.5K	33.0K	30.4K	27.9K	25.4K	22.4K	19.3K	16.3K	13.3K	10.3K	8.7K	7.0K	5.4K	3.8K	2.2K	1.8K	1.5K
100%	101%	101%	95%	88%	81%	74%	68%	60%	52%	43%	35%	28%	23%	19%	14%	10%	6%	5%	4%

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°
37.5K	37.8K	38.0K	35.5K	33.0K	30.4K	27.9K	25.4K	22.4K	19.3K	16.3K	13.3K	10.3K	8.7K	7.0K	5.4K	3.8K	2.2K	1.8K	1.5K
100%	101%	101%	95%	88%	81%	74%	68%	60%	52%	43%	35%	28%	23%	19%	14%	10%	6%	5%	4%

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°
37.5K	37.2K	36.9K	36.6K	33.8K	30.9K	28.0K	25.1K	22.1K	19.3K	16.5K	13.7K	10.8K	8.0K	6.7K	5.4K	4.2K	2.9K	1.6K	1.4K
100%	99%	98%	98%	90%	82%	75%	67%	59%	52%	44%	36%	29%	21%	18%	14%	11%	8%	4%	4%

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°
37.5K	37.2K	36.9K	36.6K	33.8K	30.9K	28.0K	25.1K	22.1K	19.3K	16.5K	13.7K	10.8K	8.0K	6.7K	5.4K	4.2K	2.9K	1.6K	1.4K
100%	99%	98%	98%	90%	82%	75%	67%	59%	52%	44%	36%	29%	21%	18%	14%	11%	8%	4%	4%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
18.2°	32.2°	41.1°	99.6%	98.0%

Flicker curve (complete sampled flicker signal)

Maximum
Average
Minimum

106%
100%
91%
0%

Conditions:
Number of c-planes: 2
Lux at center: 375 lx

Cycle time: 0.85ms (1176.5 Hz)

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Mounting height: 10 meters (33 feet)

Span 0 - 2000Hz

Flicker frequency:		1176.47 Hz	
Flicker index:	0.02	JA8/10 40Hz	0.04 %
Flicker percentage:	9.6 %	JA8/10 90Hz	0.04 %
SVM: (Visual flicker)	0.06	JA8/10 200Hz	0.06 %
PstLM	0.04	JA8/10 400Hz	0.1 %
Mp	0.03	JA8/10 1000Hz	0.51 %

Sample rate:	20000 samples/second
--------------	----------------------