

Light efficiency:



Light quality:



Color temperature:



Output: 444 lm

Peak: 3973 cd

Power: 56.9 W

PF: 0.98



Tracking number: [n/a](#)

Product name:

ElectraPix Bar 16

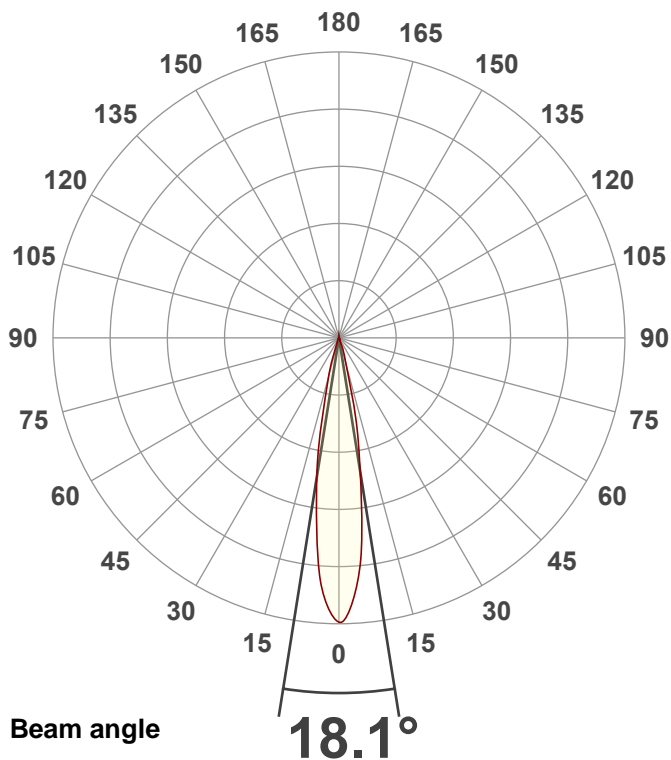
Item number:

Blue No Diffusion

Date and time:

8/30/2024 11:46:42 AM

Description:

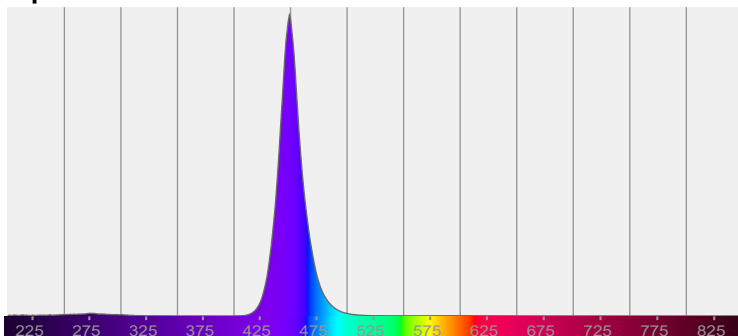


CIE 1931

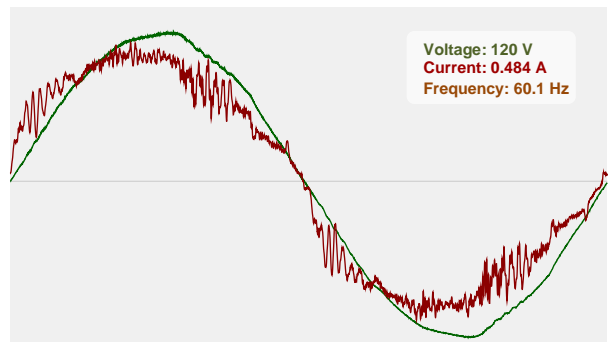
x: 0.154

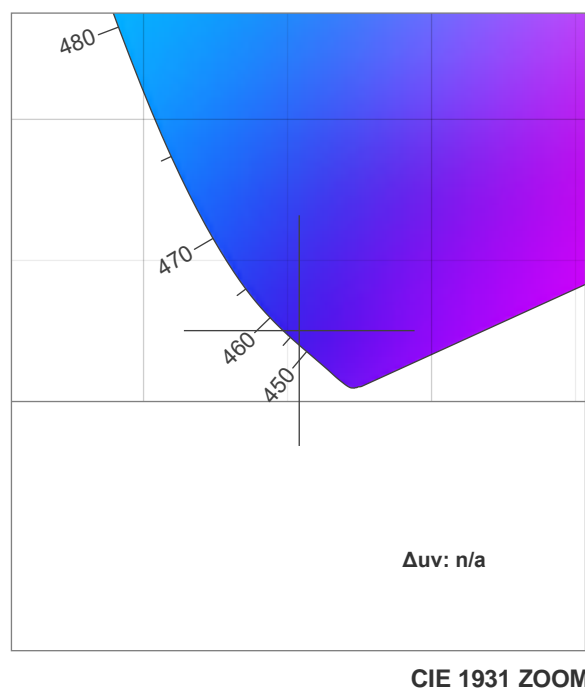
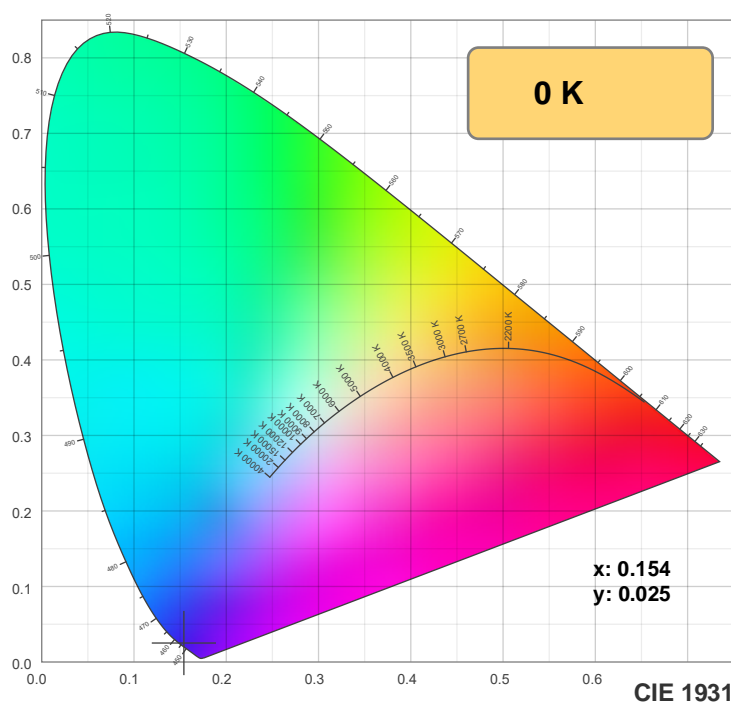
y: 0.025

Spectra



Power





TM-30: 0.0

CRI: 0.0 (R1-R8)

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	

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

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	

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	0.154	0.025	0.206	0.050	n/a

TM-30 details

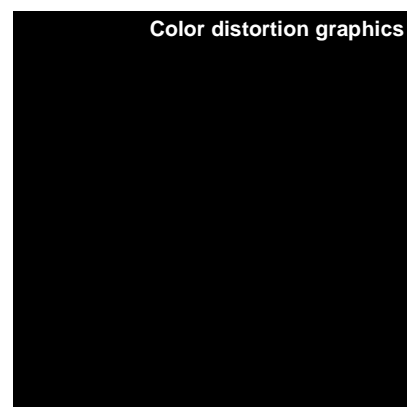
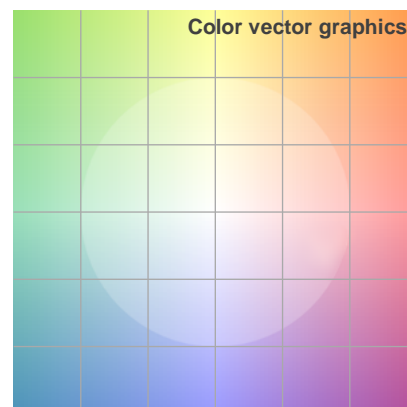
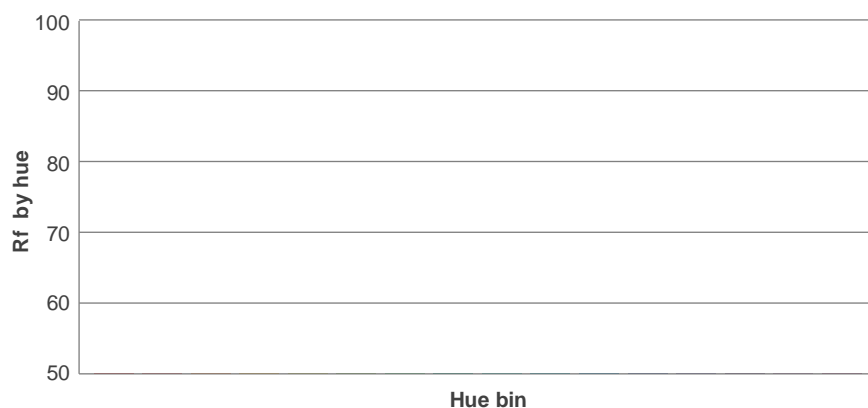
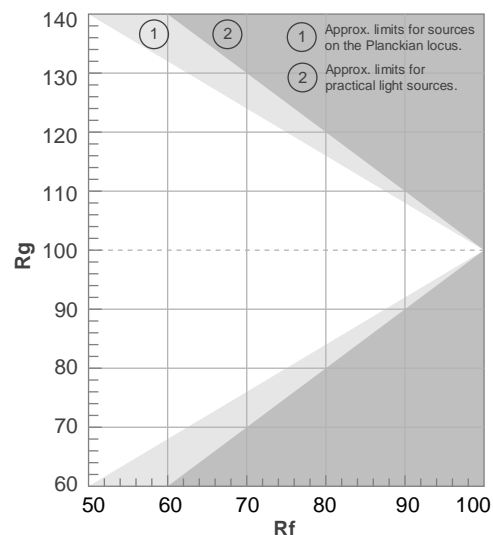
Rf 0.0

Fidelity index Rf

Rg 0.0

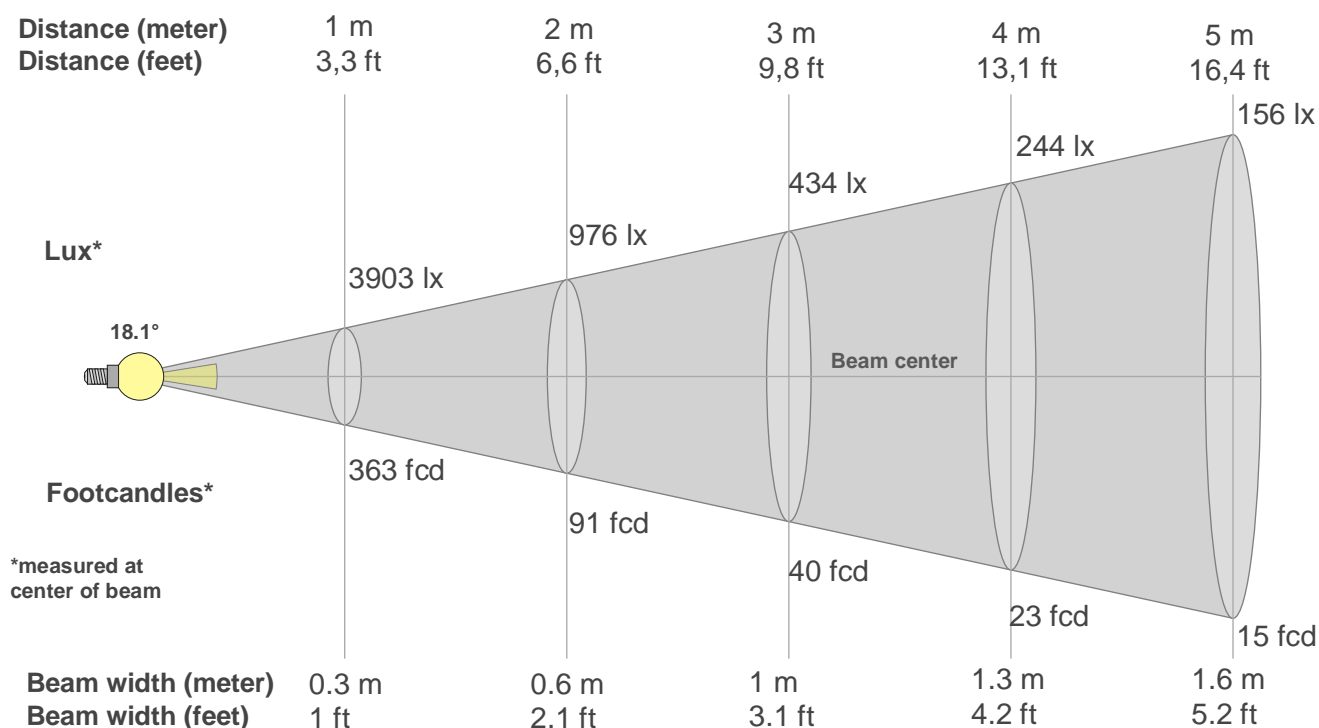
Gamut index Rg

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
3903lx	976lx	434lx	244lx	156lx	108lx	80lx	61lx	48lx	39lx	32lx	27lx	23lx	20lx	17lx	15lx	14lx	12lx	11lx	10lx
362.6fcd	90.7fcd	40.3fcd	22.7fcd	14.5fcd	10.1fcd	7.4fcd	5.7fcd	4.5fcd	3.6fcd	3fcd	2.5fcd	2.1fcd	1.9fcd	1.6fcd	1.4fcd	1.3fcd	1.1fcd	1fcd	0.9fcd

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°
3903	3907	3735	3563	3391	3220	2987	2657	2327	1997	1666	1376	1150	925	699	473	313	257	200	144
100%	100%	96%	91%	87%	82%	77%	68%	60%	51%	43%	35%	29%	24%	18%	12%	8%	7%	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°
3903	3907	3735	3563	3391	3220	2987	2657	2327	1997	1666	1376	1150	925	699	473	313	257	200	144
100%	100%	96%	91%	87%	82%	77%	68%	60%	51%	43%	35%	29%	24%	18%	12%	8%	7%	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°
3903	3789	3675	3560	3446	3215	2910	2605	2301	1996	1723	1472	1220	968	717	559	459	359	260	160
100%	97%	94%	91%	88%	82%	75%	67%	59%	51%	44%	38%	31%	25%	18%	14%	12%	9%	7%	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°
3903	3789	3675	3560	3446	3215	2910	2605	2301	1996	1723	1472	1220	968	717	559	459	359	260	160
100%	97%	94%	91%	88%	82%	75%	67%	59%	51%	44%	38%	31%	25%	18%	14%	12%	9%	7%	4%

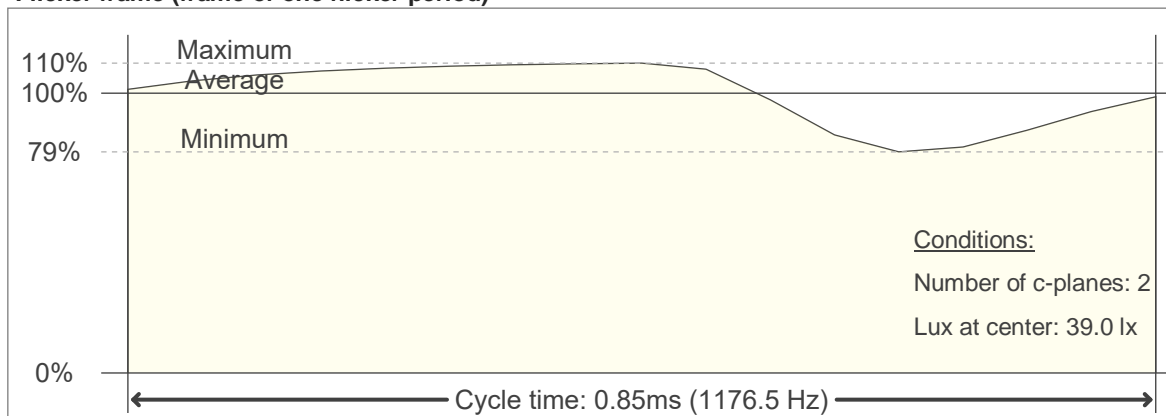
Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
18.1°	32°	40.4°	99.7%	98.4%

Flicker

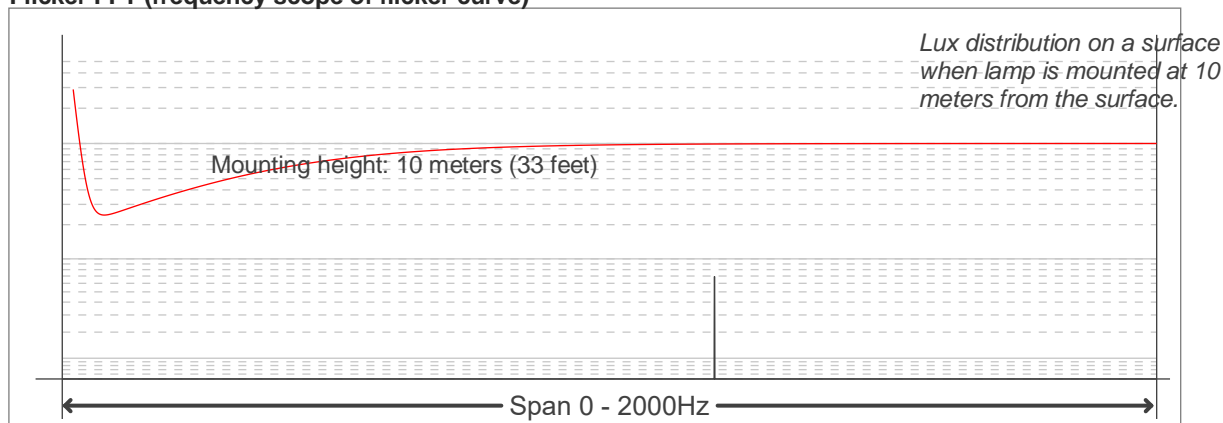
Flicker curve (complete sampled flicker signal)



Flicker frame (frame of one flicker period)



Flicker FFT (frequency scope of flicker curve)



Flicker results:

Flicker frequency:		1176.47 Hz	
Flicker index:	0.05	JA8/10 40Hz	0.08 %
Flicker percentage:	17.23 %	JA8/10 90Hz	0.09 %
SVM: (Visual flicker)	0.14	JA8/10 200Hz	0.12 %
PstLM	0.07	JA8/10 400Hz	0.2 %
Mp	0.05	JA8/10 1000Hz	1.38 %

Flicker conditions:

Sample rate:	20000 samples/second
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