

Light efficiency:

78 Lumen/Watt

Light quality:

CRI: 82.5

Color temperature:

3197 K

Output: 1404 lm

Peak: 8481 cd

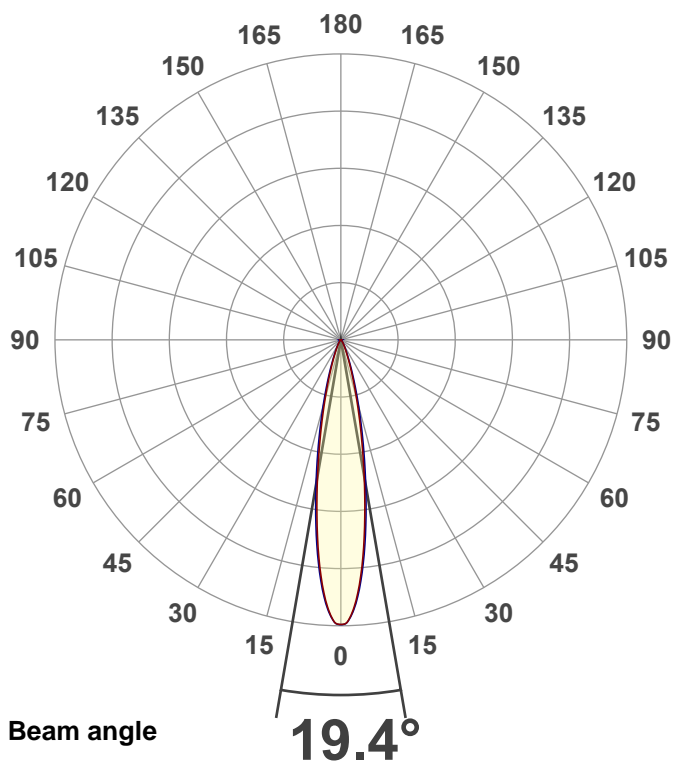
Power: 17.9 W

PF: 0.98



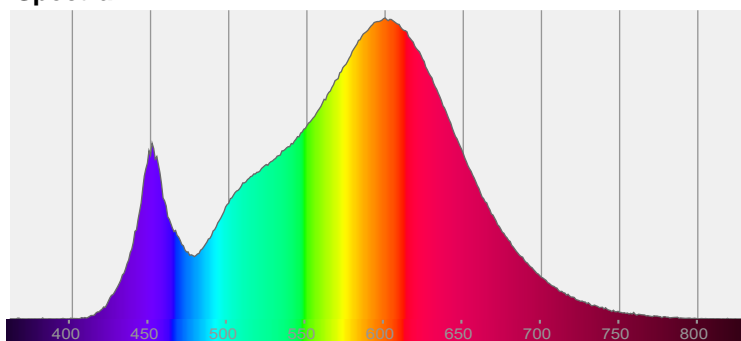
NU4-SD-SW-15LM-30K-80-14D-NA-HET-WH-WH

Date and time:  
12/9/2024 2:06:01 PM

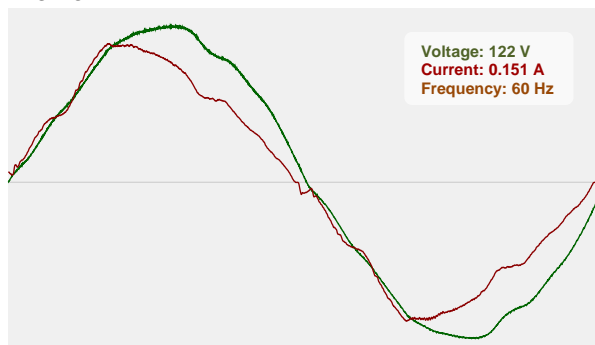


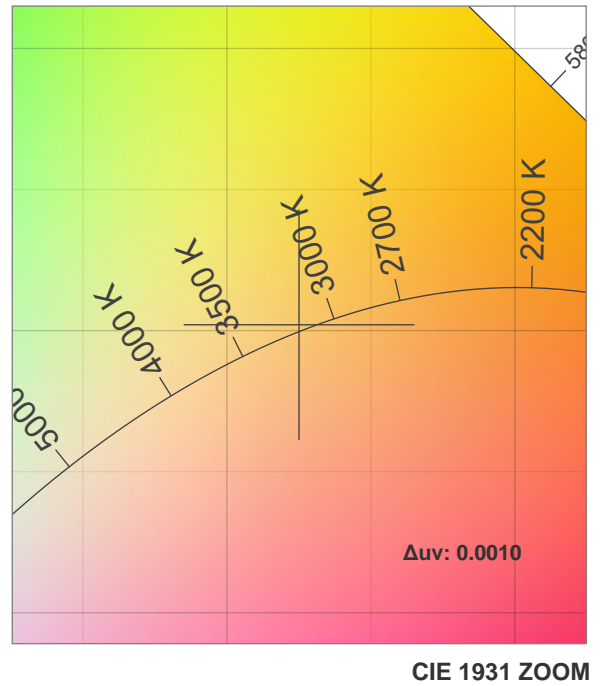
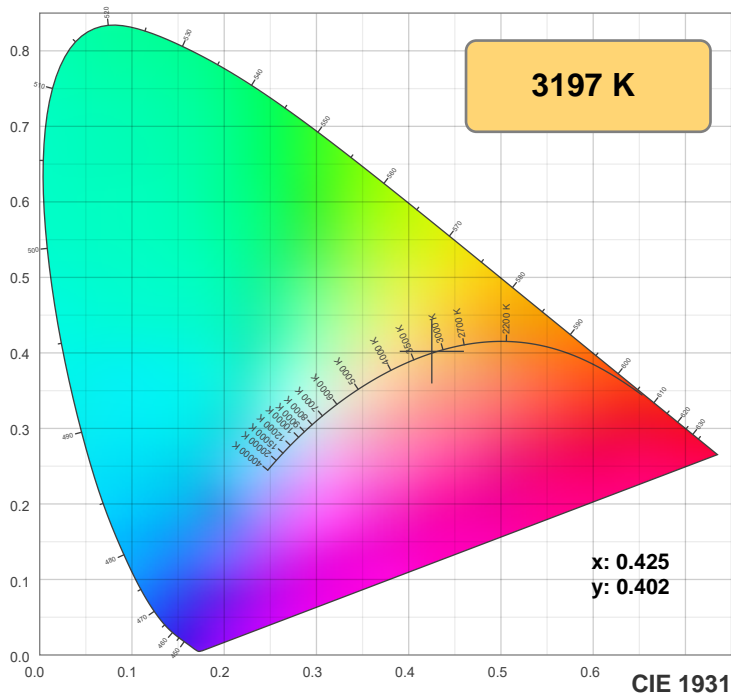
CIE 1931  
x: 0.425  
y: 0.402

Spectra

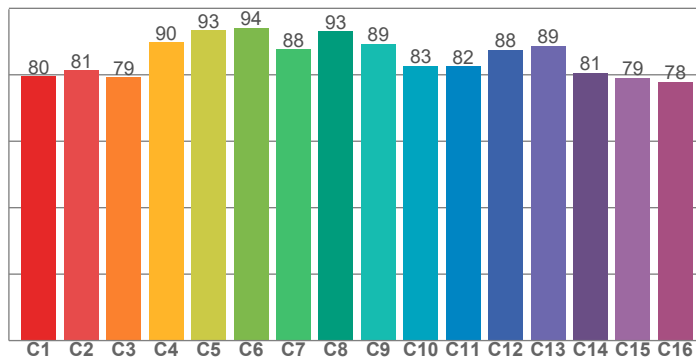


Power

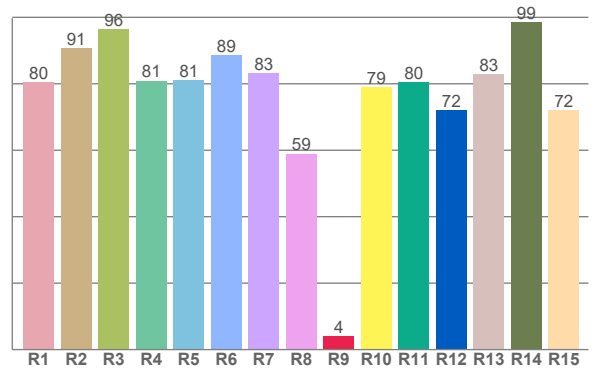




TM30: 85.4



CRI: 82.5 (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
80.5	90.6	96.5	80.9	81.0	88.7	83.2	58.9	4.1	79.0	80.4	72.0	82.9	98.5	72.0

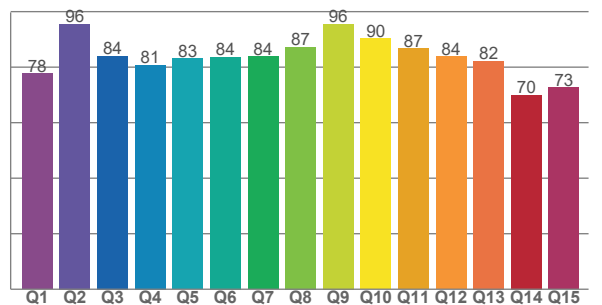
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
79.6	81.4	79.2	89.8	93.3	94.1	87.7	93.1	89.2	82.6	82.5	87.5	88.6	80.6	79.0	77.9

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
77.7	95.5	84.0	80.8	83.1	83.7	83.9	87.2	95.5	90.3	86.7	83.8	82.2	70.0	72.7

CQS: 82.3



## 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
3197 K	82.5	4.1	85.4	95.4	82.3	0.425	0.402	0.244	0.346	0.0010

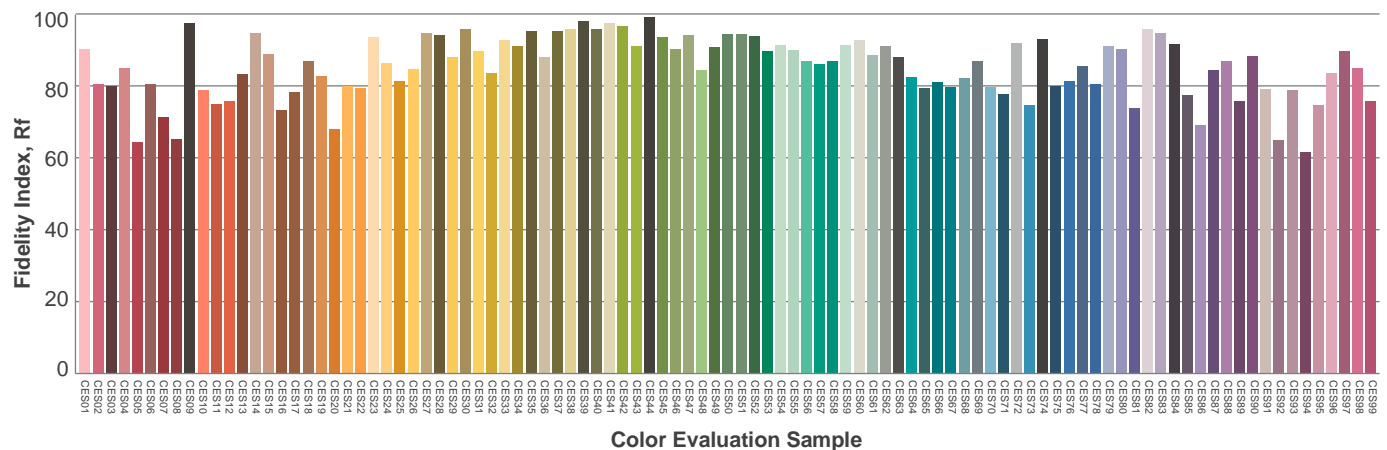
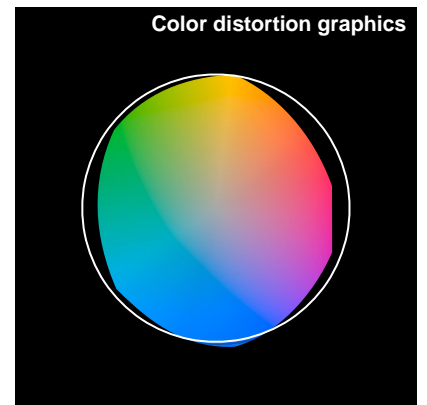
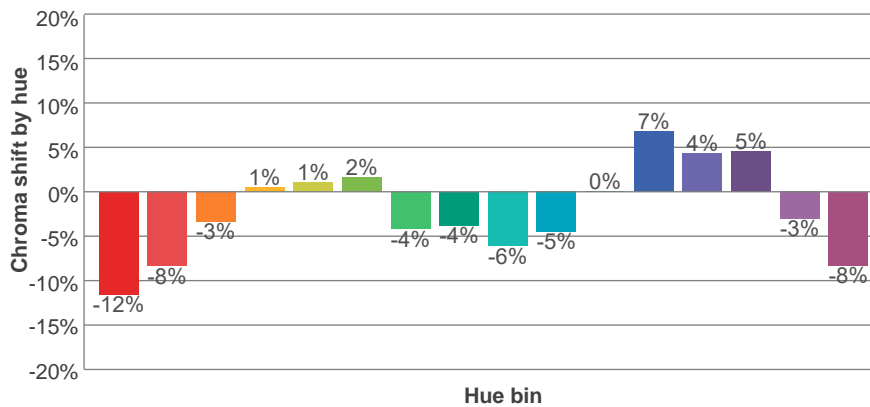
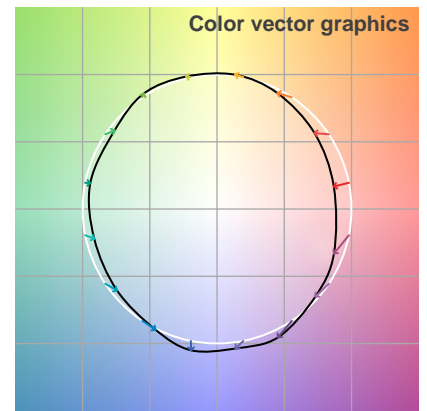
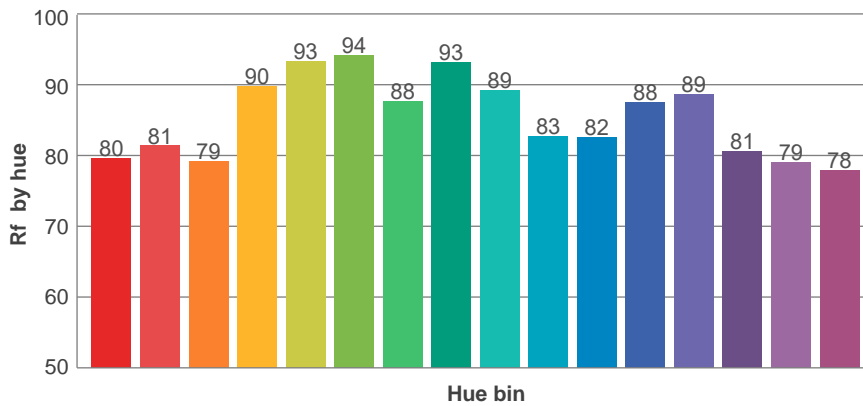
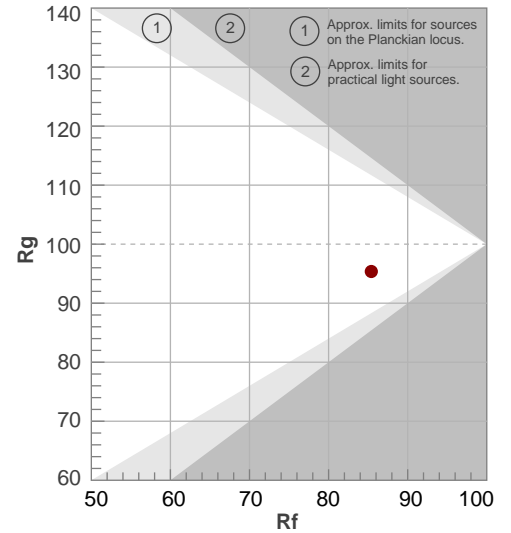
**Rf 85.4**

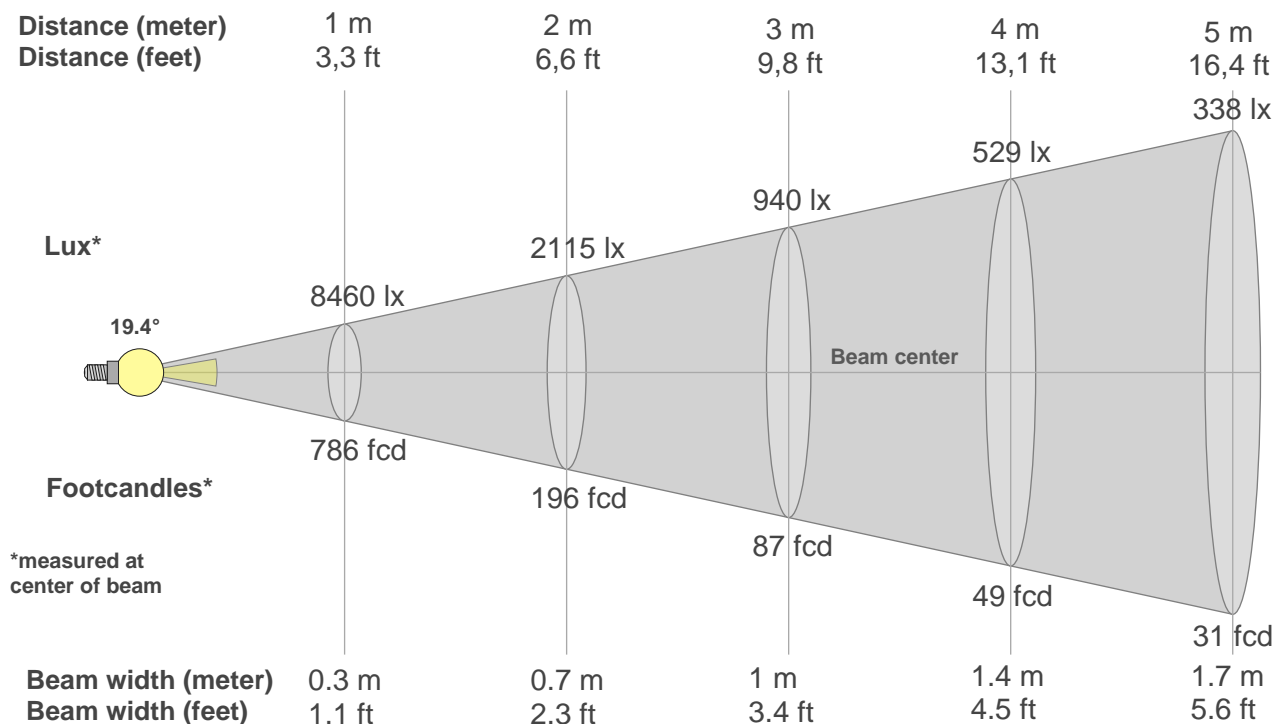
Fidelity index Rf

**Rg 95.4**

Gamut index Rg

Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	80	-12%	0%
2	81	-8%	7%
3	79	-3%	10%
4	90	1%	6%
5	93	1%	3%
6	94	2%	-2%
7	88	-4%	-6%
8	93	-4%	-1%
9	89	-6%	4%
10	83	-5%	9%
11	82	0%	12%
12	88	7%	2%
13	89	4%	-7%
14	81	5%	-15%
15	79	-3%	-13%
16	78	-8%	-15%





#### 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
8460lx	2115lx	940lx	529lx	338lx	235lx	173lx	132lx	104lx	85lx	70lx	59lx	50lx	43lx	38lx	33lx	29lx	26lx	23lx	21lx
786fcd	196.5fcd	87.3fcd	49.1fcd	31.4fcd	21.8fcd	16fcd	12.3fcd	9.7fcd	7.9fcd	6.5fcd	5.5fcd	4.7fcd	4fcd	3.5fcd	3.1fcd	2.7fcd	2.4fcd	2.2fcd	2fcd

#### 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°
8460	8396	8194	7864	7431	6916	6345	5730	5108	4509	3938	3411	2933	2508	2127	1797	1515	1274	1067	894
100%	99%	97%	93%	88%	82%	75%	68%	60%	53%	47%	40%	35%	30%	25%	21%	18%	15%	13%	11%

#### 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°
8460	8396	8214	7915	7515	7034	6499	5930	5344	4767	4212	3693	3214	2779	2389	2042	1736	1467	1238	1042
100%	99%	97%	94%	89%	83%	77%	70%	63%	56%	50%	44%	38%	33%	28%	24%	21%	17%	15%	12%

#### 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°
8460	8396	8194	7864	7431	6916	6345	5730	5108	4509	3938	3411	2933	2508	2127	1797	1515	1274	1067	894
100%	99%	97%	93%	88%	82%	75%	68%	60%	53%	47%	40%	35%	30%	25%	21%	18%	15%	13%	11%

#### 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°
8460	8396	8214	7915	7515	7034	6499	5930	5344	4767	4212	3693	3214	2779	2389	2042	1736	1467	1238	1042
100%	99%	97%	94%	89%	83%	77%	70%	63%	56%	50%	44%	38%	33%	28%	24%	21%	17%	15%	12%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
19.4°	39.5°	57.6°	99.4%	97.9%