

Light efficiency:

96 Lumen/Watt

Light quality:

CRI: 82.5

Color temperature:

2962 K

Output: 3507 lm

Peak: 7260 cd

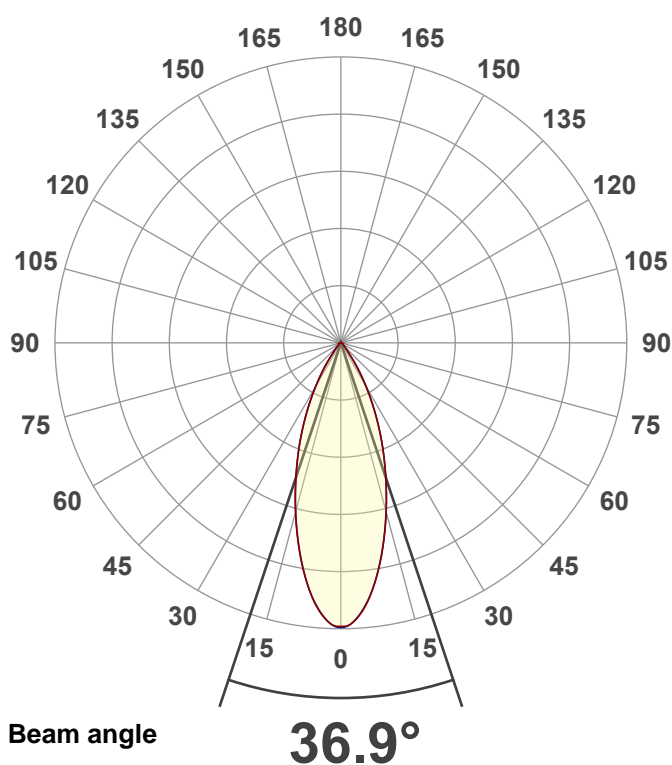
Power: 36.3 W

PF: 0.98



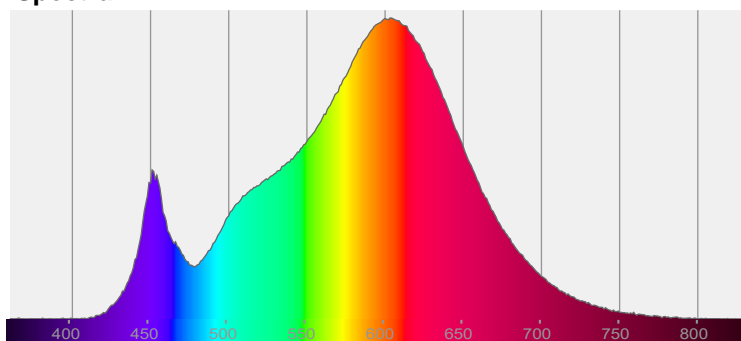
NU4-SD-SW-40LM-30K-80-35D-NA-CL-WH-WH

Date and time:
12/5/2024 8:26:02 AM

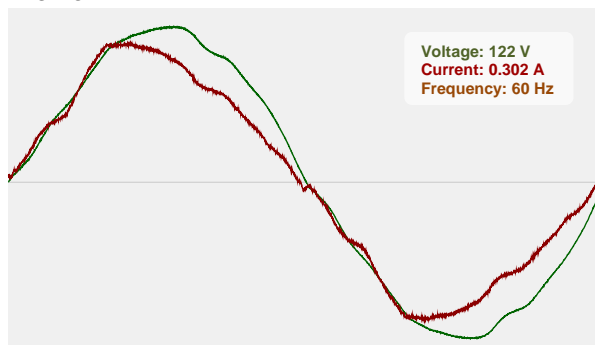


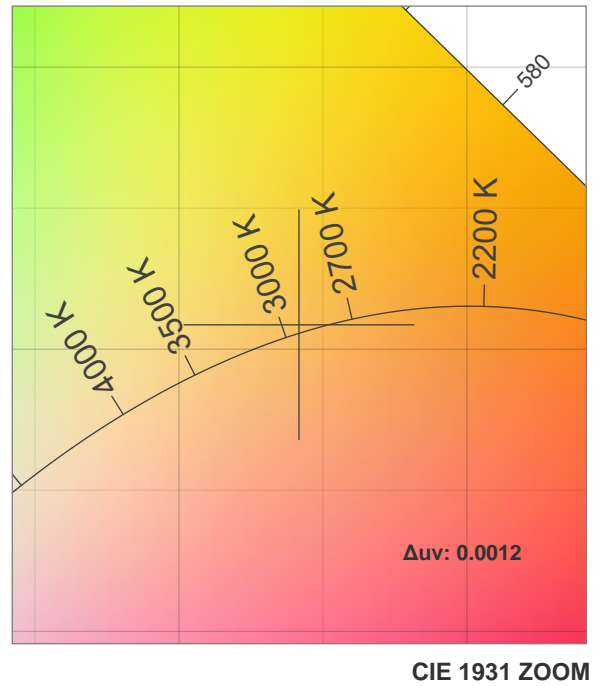
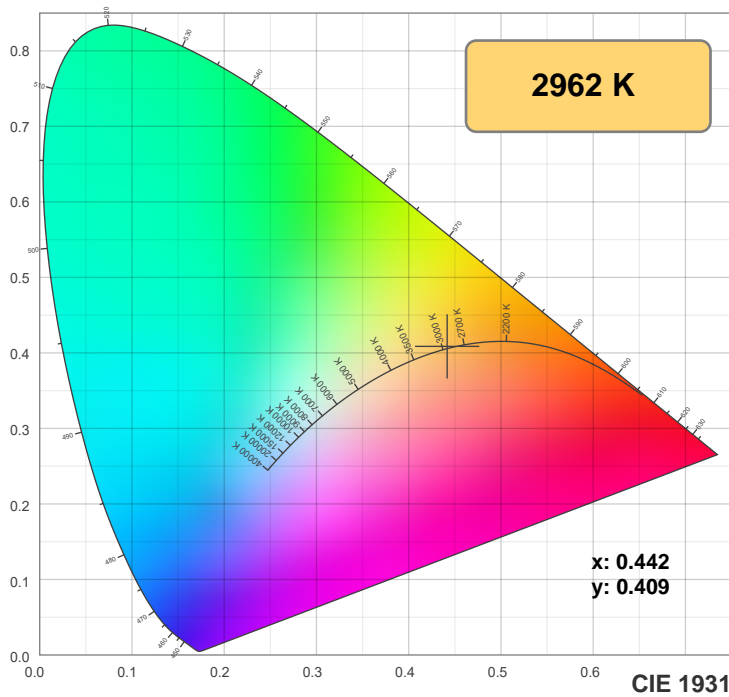
CIE 1931
x: 0.442
y: 0.409

Spectra

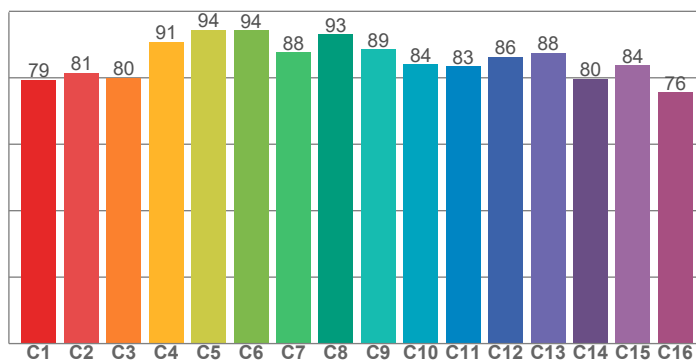


Power

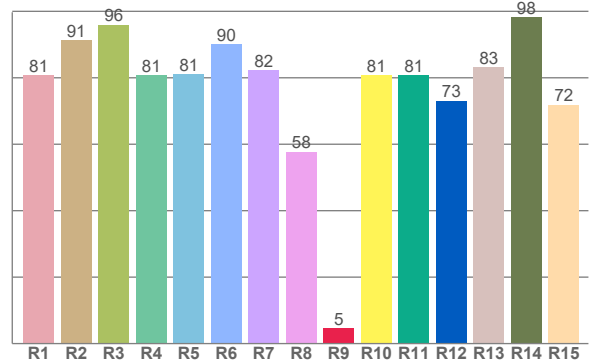




TM30: 85.5



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
80.7	91.2	95.9	80.8	81.1	90.1	82.3	57.8	4.7	80.8	80.7	73.1	83.2	98.3	71.9

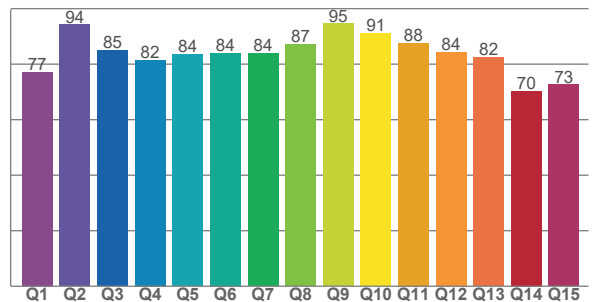
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
79.4	81.5	80.0	90.8	94.3	94.3	87.7	93.1	88.5	84.0	83.5	86.3	87.5	79.7	83.7	75.6

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
77.1	94.3	85.0	81.6	83.5	84.0	83.9	87.1	94.7	91.1	87.7	84.4	82.5	70.3	72.7

CQS: 82.5



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
2962 K	82.5	4.7	85.5	94.7	82.5	0.442	0.409	0.252	0.349	0.0012

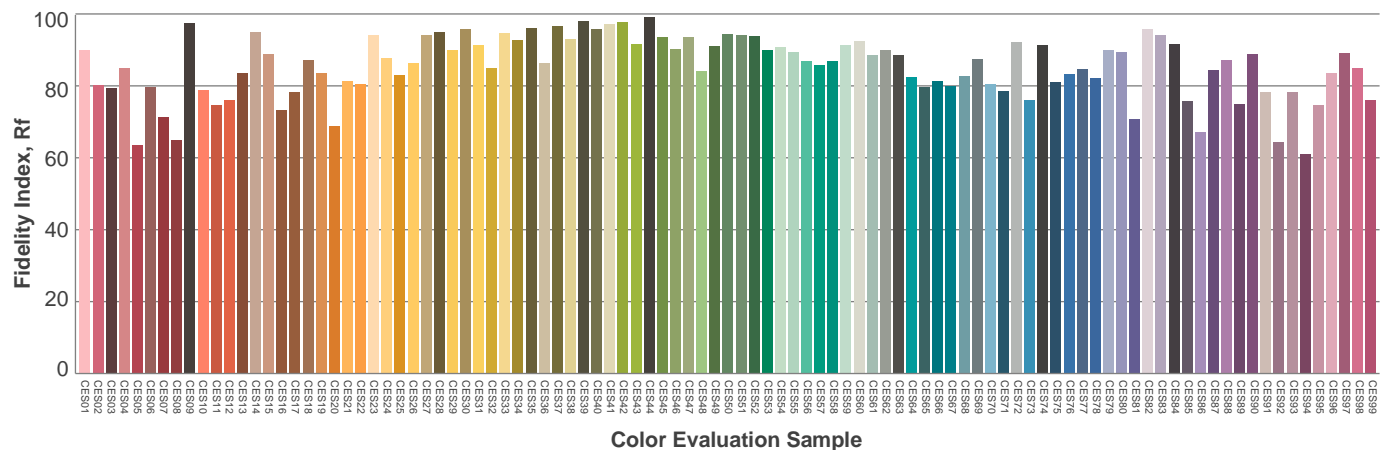
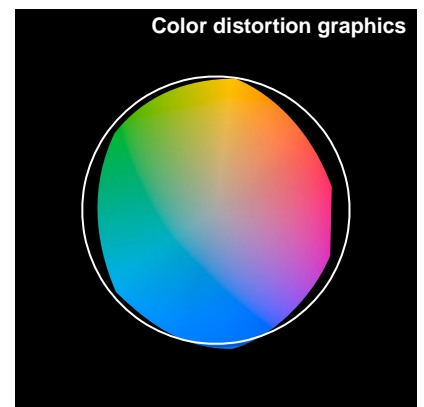
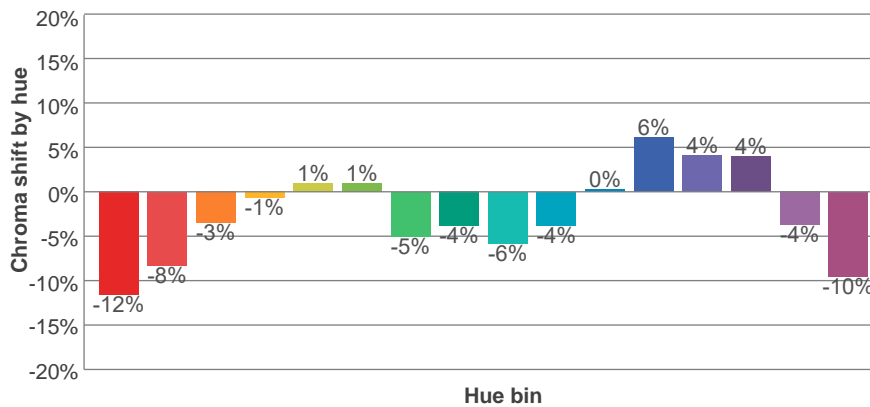
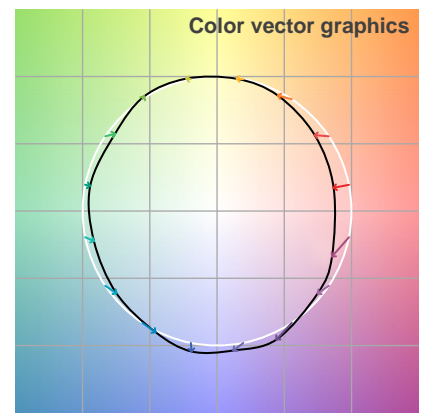
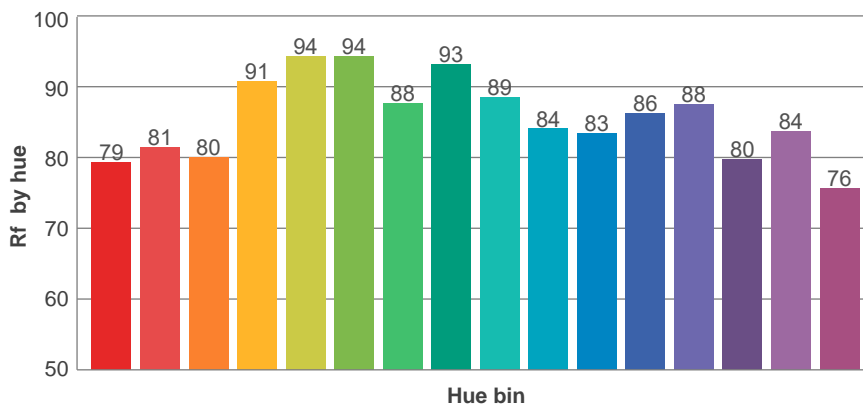
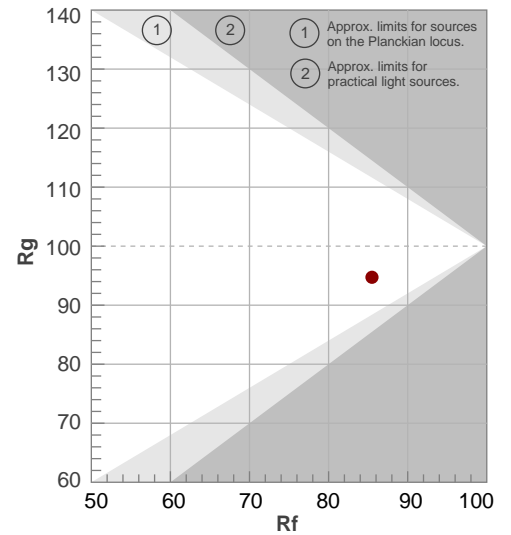
Rf 85.5

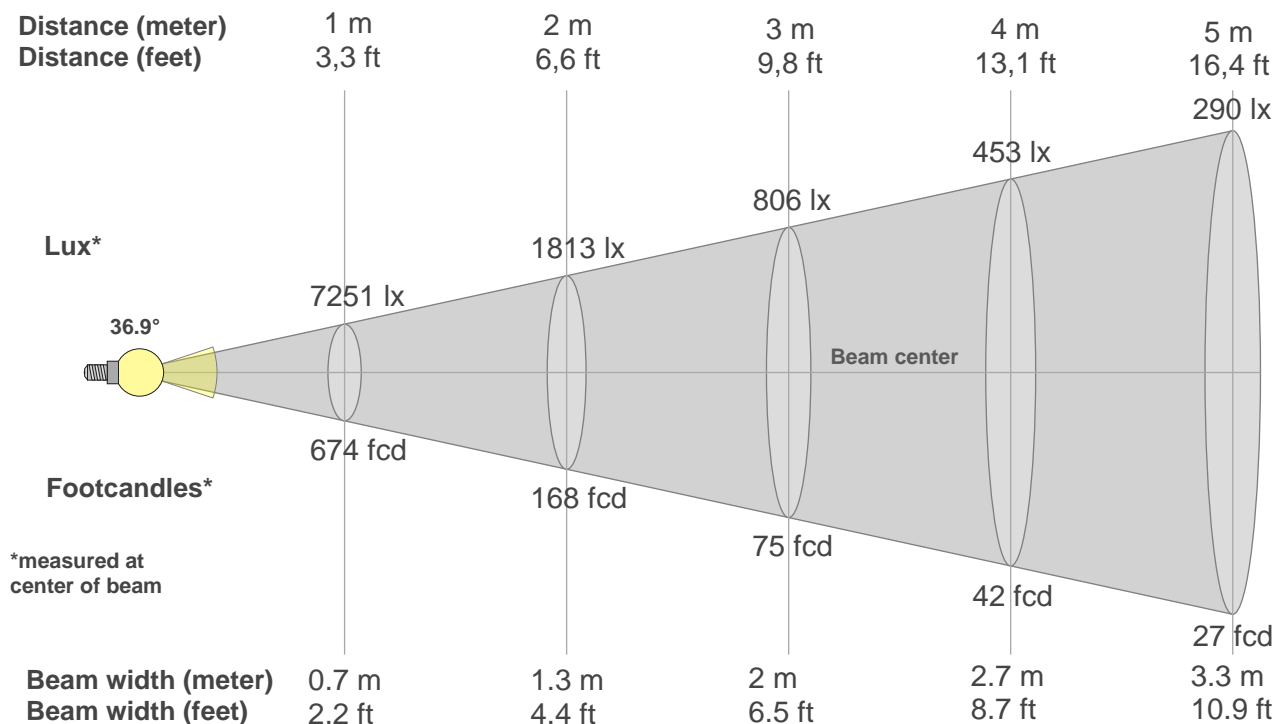
Fidelity index Rf

Rg 94.7

Gamut index Rg

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	79	-12%	0%
2	81	-8%	7%
3	80	-3%	10%
4	91	-1%	5%
5	94	1%	3%
6	94	1%	-2%
7	88	-5%	-6%
8	93	-4%	0%
9	89	-6%	4%
10	84	-4%	9%
11	83	0%	12%
12	86	6%	2%
13	88	4%	-8%
14	80	4%	-16%
15	84	-4%	-9%
16	76	-10%	-17%





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
7251lx	1813lx	806lx	453lx	290lx	201lx	148lx	113lx	90lx	73lx	60lx	50lx	43lx	37lx	32lx	28lx	25lx	22lx	20lx	18lx
673.6fcd	168.4fcd	74.8fcd	42.1fcd	26.9fcd	18.7fcd	13.7fcd	10.5fcd	8.3fcd	6.7fcd	5.6fcd	4.7fcd	4fcd	3.4fcd	3fcd	2.6fcd	2.3fcd	2.1fcd	1.9fcd	1.7fcd

Intensities in 0° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
7251	7161	6939	6609	6185	5719	5220	4714	4214	3729	3262	2823	2398	1995	1620	1279	973	712	475	320
100%	99%	96%	91%	85%	79%	72%	65%	58%	51%	45%	39%	33%	28%	22%	18%	13%	10%	7%	4%

Intensities in 90° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
7251	7161	6926	6590	6177	5701	5203	4699	4200	3718	3258	2821	2399	2004	1631	1284	980	711	473	318
100%	99%	96%	91%	85%	79%	72%	65%	58%	51%	45%	39%	33%	28%	22%	18%	14%	10%	7%	4%

Intensities in 180° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
7251	7161	6939	6609	6185	5719	5220	4714	4214	3729	3262	2823	2398	1995	1620	1279	973	712	475	320
100%	99%	96%	91%	85%	79%	72%	65%	58%	51%	45%	39%	33%	28%	22%	18%	13%	10%	7%	4%

Intensities in 270° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
7251	7161	6926	6590	6177	5701	5203	4699	4200	3718	3258	2821	2399	2004	1631	1284	980	711	473	318
100%	99%	96%	91%	85%	79%	72%	65%	58%	51%	45%	39%	33%	28%	22%	18%	14%	10%	7%	4%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
36.9°	68.7°	86.4°	98.5%	95.5%