

Light efficiency:

73 Lumen/Watt

Light quality:

CRI: 93.2

Color temperature:

3055 K

Output: 1135 lm

Peak: 6742 cd

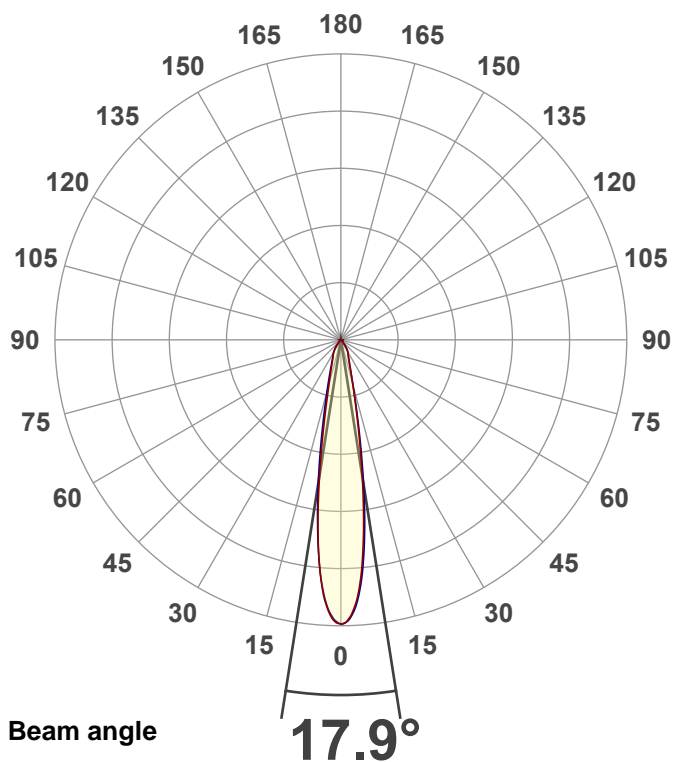
Power: 15.6 W

PF: 0.97



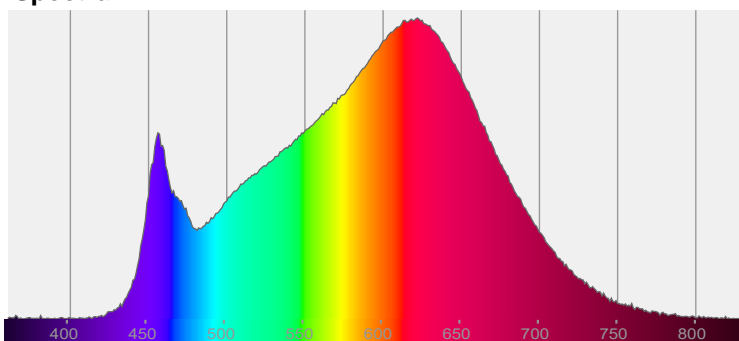
NU4-RD-TW-10LM-2765-95-15D-SBL-WH-WH

Date and time:
3/29/2023 3:18:26 PM

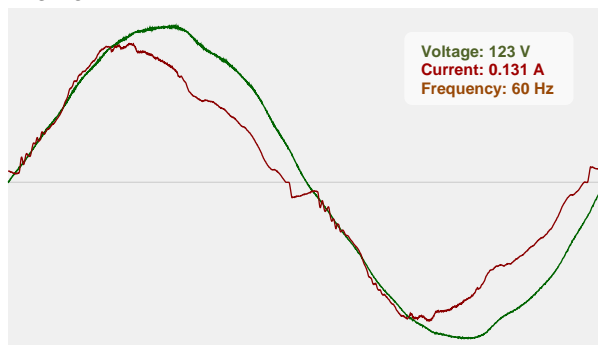


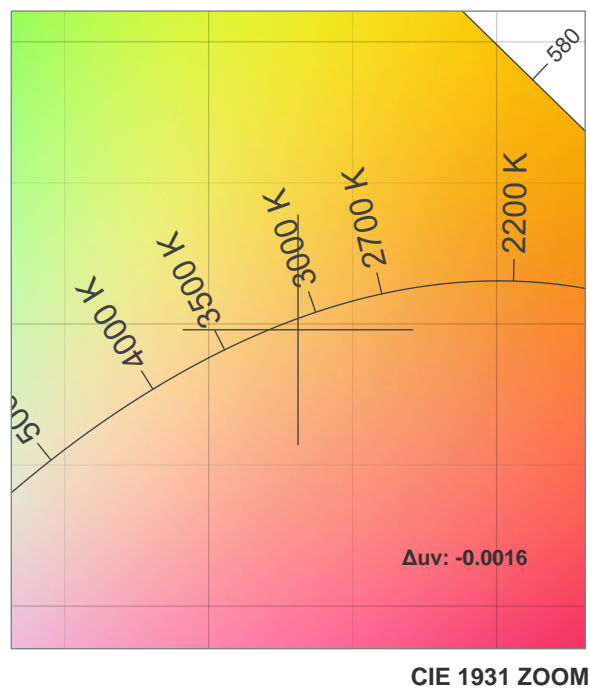
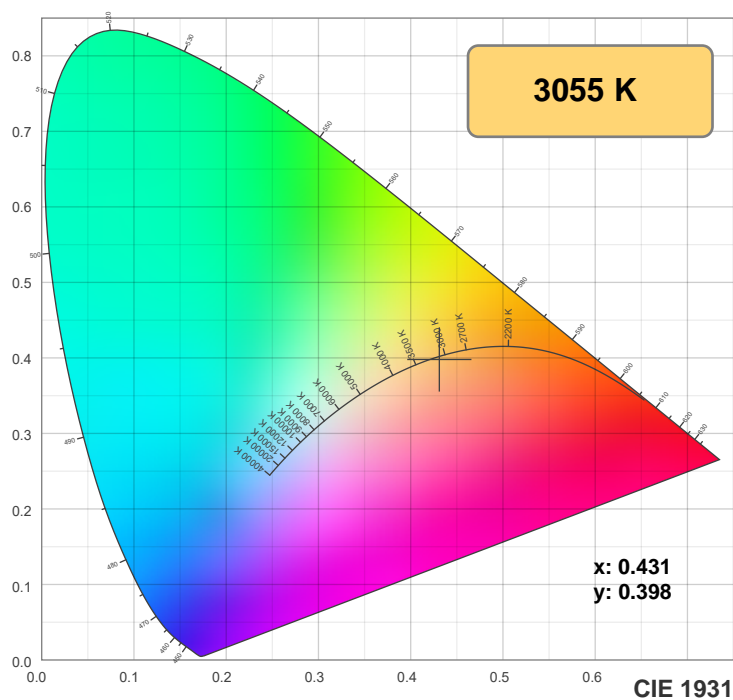
CIE 1931
x: 0.431
y: 0.398

Spectra

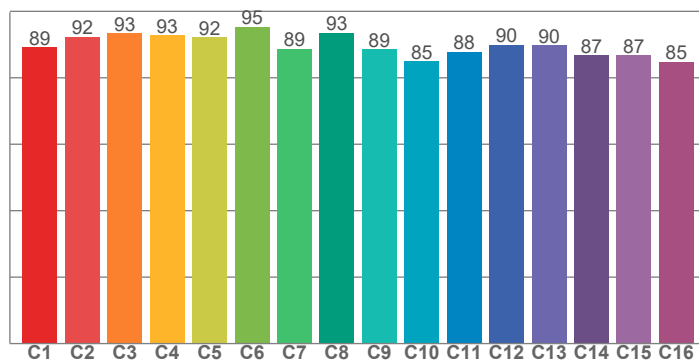


Power

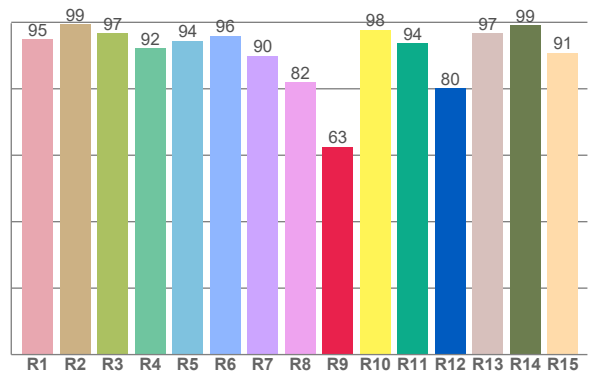




TM30: 90.0



CRI: 93.2 (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
94.9	99.4	96.7	92.3	94.4	96.0	89.9	81.9	62.5	97.8	93.6	80.2	96.7	99.2	90.9

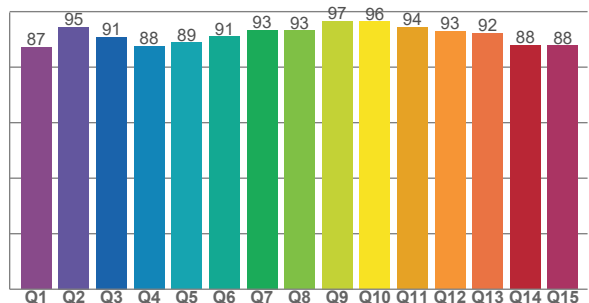
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
89.1	92.4	93.4	92.7	92.2	95.3	88.7	93.5	88.6	84.9	87.8	90.0	89.8	86.8	86.8	84.8

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
87.1	94.5	90.9	87.5	88.9	91.0	93.4	93.2	96.6	96.4	94.3	92.9	92.2	87.9	87.8

CQS: 91.0



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
3055 K	93.2	62.5	90.0	96.9	91.0	0.431	0.398	0.249	0.345	-0.0016

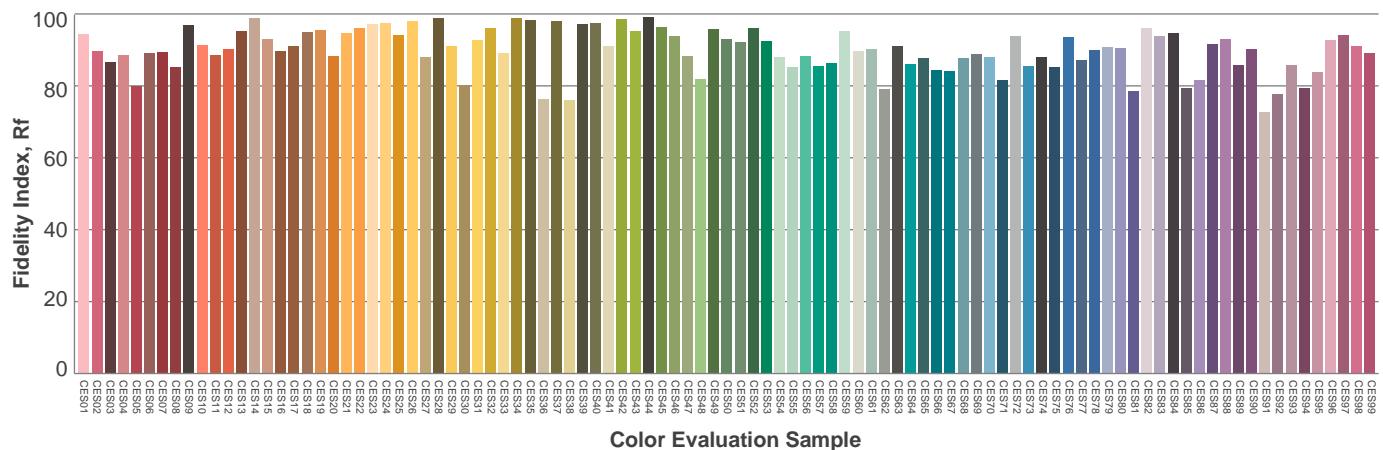
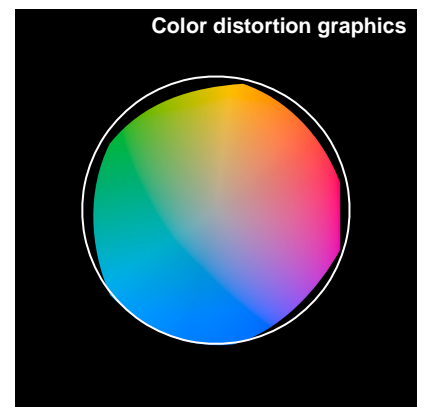
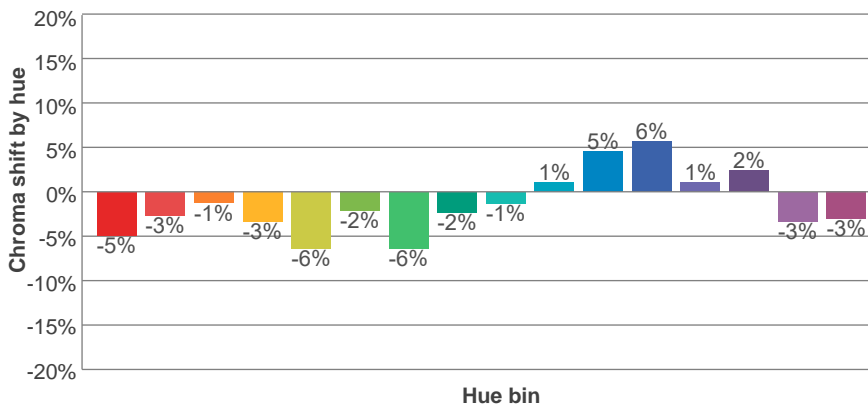
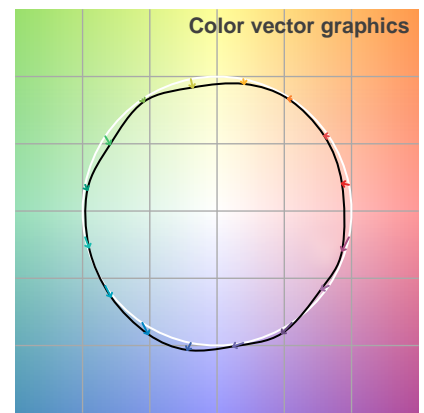
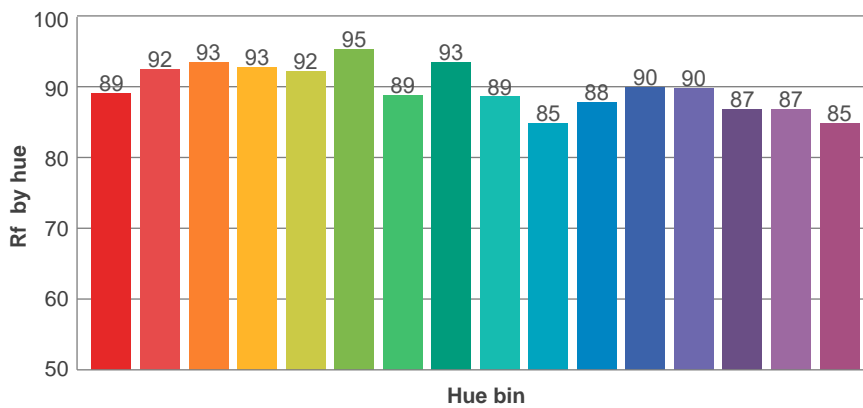
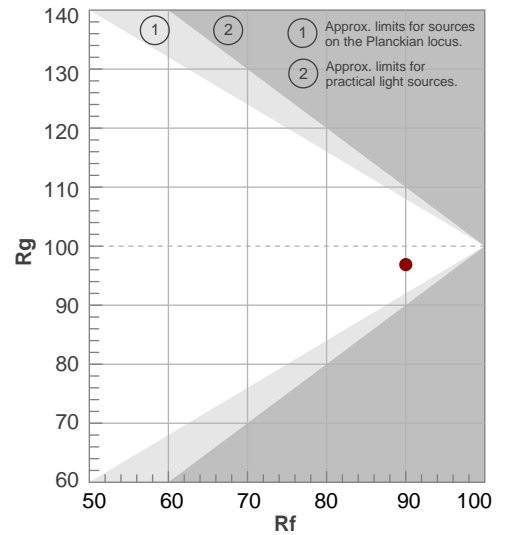
Rf 90.0

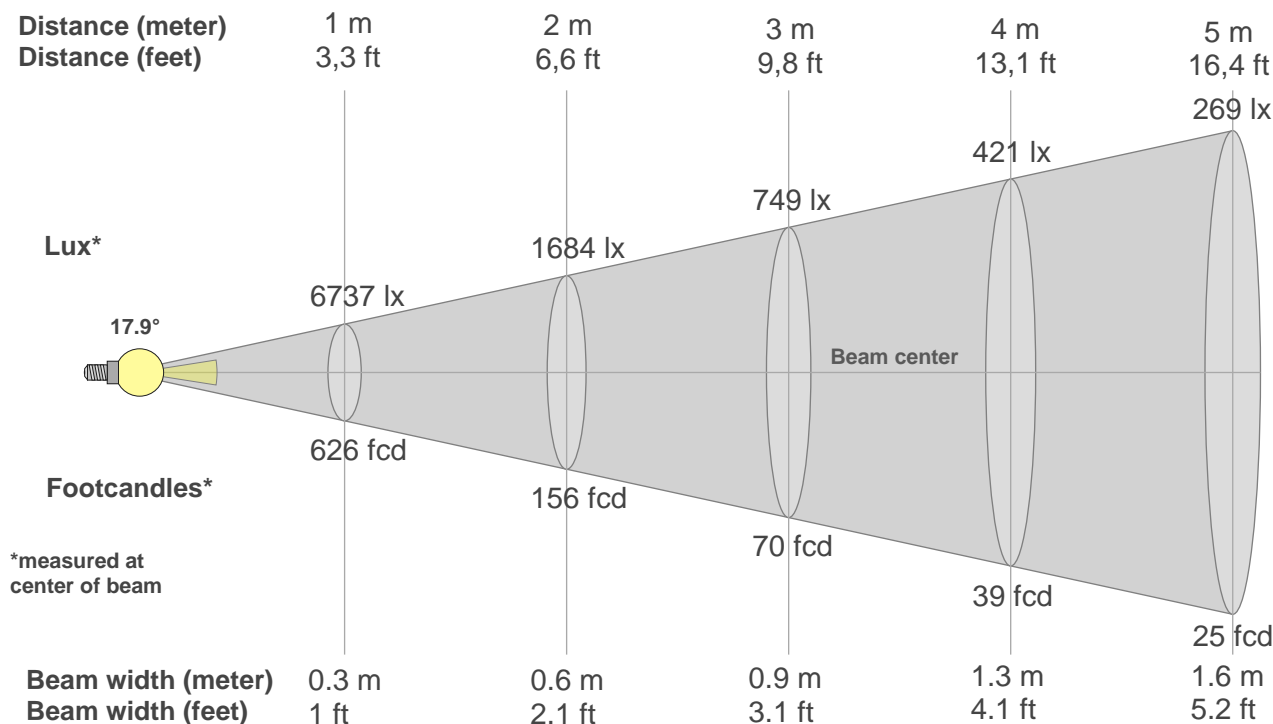
Fidelity index Rf

Rg 96.9

Gammut index Rg

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	89	-5%	2%
2	92	-3%	2%
3	93	-1%	3%
4	93	-3%	-1%
5	92	-6%	0%
6	95	-2%	0%
7	89	-6%	3%
8	93	-2%	3%
9	89	-1%	8%
10	85	1%	9%
11	88	5%	8%
12	90	6%	-2%
13	90	1%	-8%
14	87	2%	-10%
15	87	-3%	-5%
16	85	-3%	-11%





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
6737lx	1684lx	749lx	421lx	269lx	187lx	137lx	105lx	83lx	67lx	56lx	47lx	40lx	34lx	30lx	26lx	23lx	21lx	19lx	17lx
625.9fcd	156.5fcd	69.5fcd	39.1fcd	25fcd	17.4fcd	12.8fcd	9.8fcd	7.7fcd	6.3fcd	5.2fcd	4.3fcd	3.7fcd	3.2fcd	2.8fcd	2.4fcd	2.2fcd	1.9fcd	1.7fcd	1.6fcd

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°
6737	6697	6558	6323	5997	5556	5008	4423	3814	3222	2681	2212	1824	1518	1280	1099	957	843	754	679
100%	99%	97%	94%	89%	82%	74%	66%	57%	48%	40%	33%	27%	23%	19%	16%	14%	13%	11%	10%

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°
6737	6706	6590	6386	6078	5677	5174	4619	4027	3428	2863	2363	1937	1593	1317	1107	941	816	717	640
100%	100%	98%	95%	90%	84%	77%	69%	60%	51%	42%	35%	29%	24%	20%	16%	14%	12%	11%	10%

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°
6737	6702	6574	6342	6022	5581	5053	4450	3824	3214	2646	2165	1780	1479	1249	1078	945	842	754	684
100%	99%	98%	94%	89%	83%	75%	66%	57%	48%	39%	32%	26%	22%	19%	16%	14%	12%	11%	10%

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°
6737	6671	6530	6306	5980	5565	5065	4517	3965	3423	2911	2448	2059	1743	1484	1276	1106	969	857	763
100%	99%	97%	94%	89%	83%	75%	67%	59%	51%	43%	36%	31%	26%	22%	19%	16%	14%	13%	11%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
17.9°	38.3°	72.1°	99.6%	98.6%