

Light efficiency:

98 Lumen/Watt

Light quality:

CRI: 93.6

Color temperature:

3531 K

Output: 3587 lm

Peak: 4265 cd

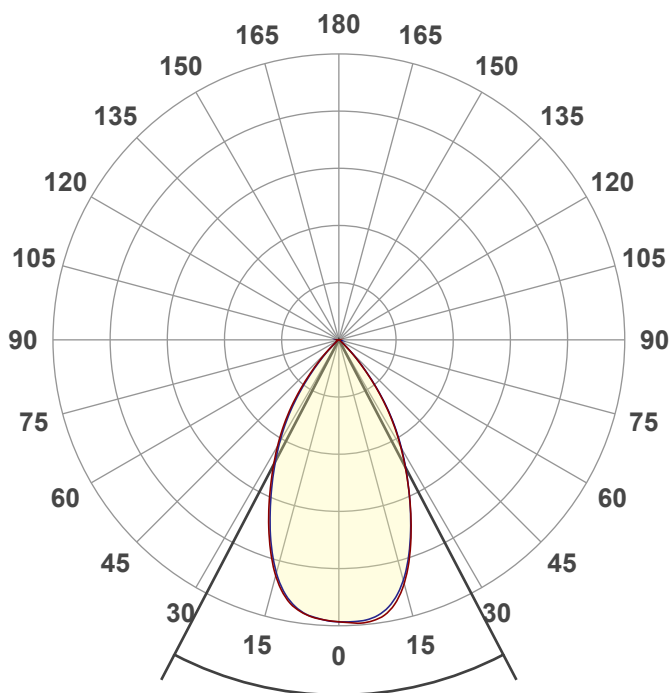
Power: 36.5 W

PF: 0.98



BETA-6R-TW-35LM-2765-95-55D-SBL-WH-WH

Date and time:
2/10/2025 1:16:46 PM



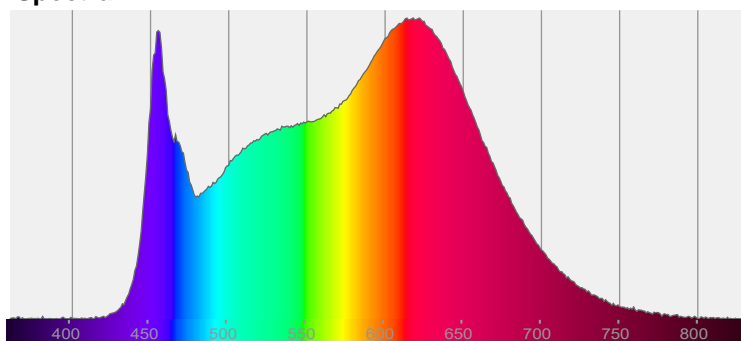
Beam angle

55.2°

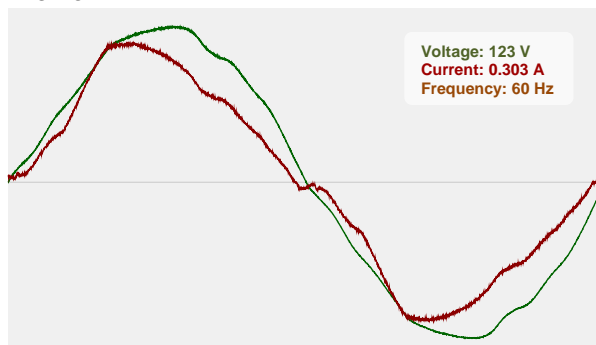


CIE 1931
x: 0.400
y: 0.379

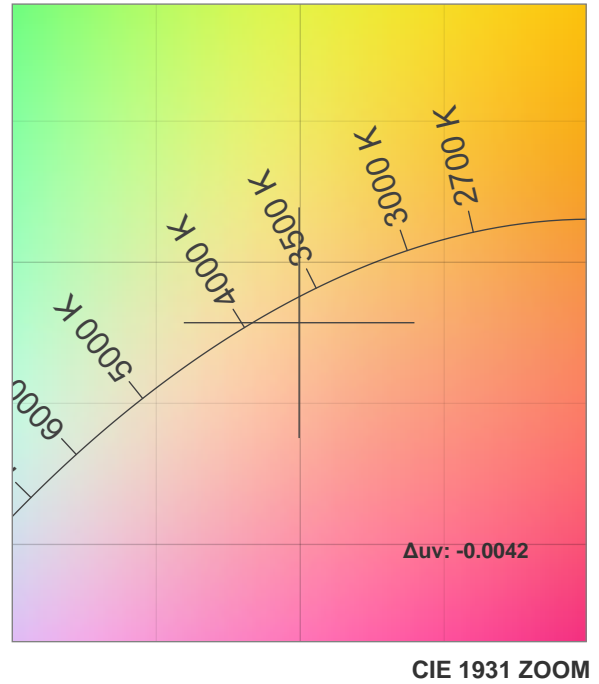
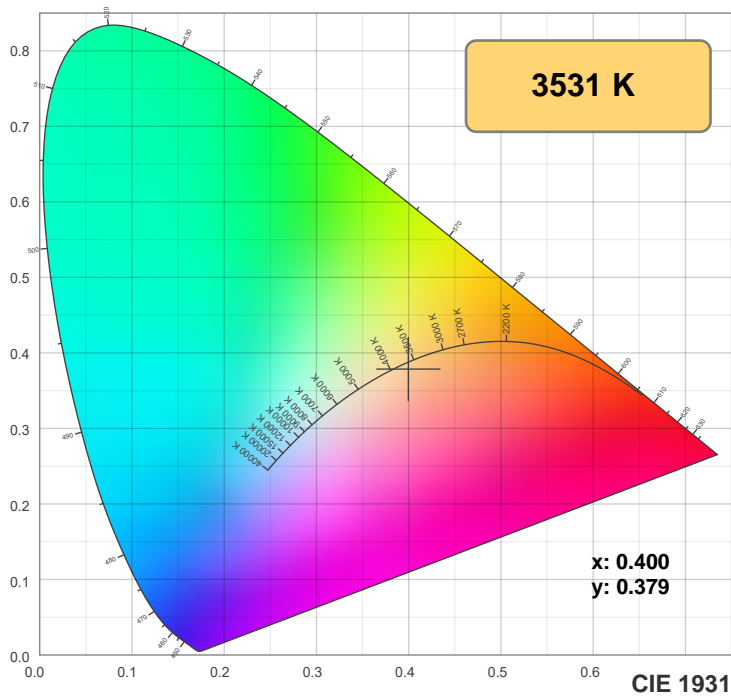
Spectra



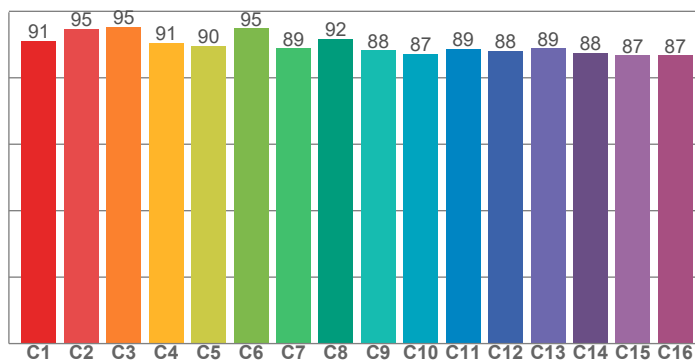
Power



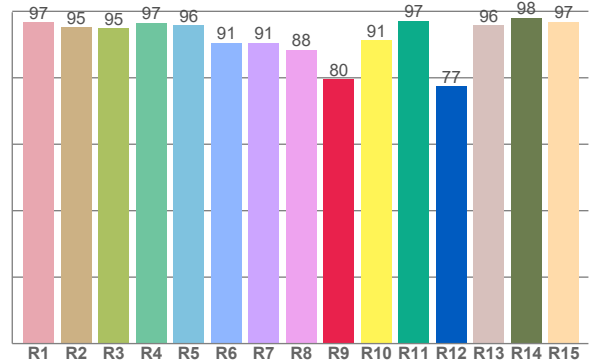
Voltage: 123 V
Current: 0.303 A
Frequency: 60 Hz



TM30: 90.1



CRI: 93.6 (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
96.7	95.2	94.8	96.6	95.8	90.6	90.5	88.4	79.6	91.3	97.2	77.4	95.8	98.0	96.8

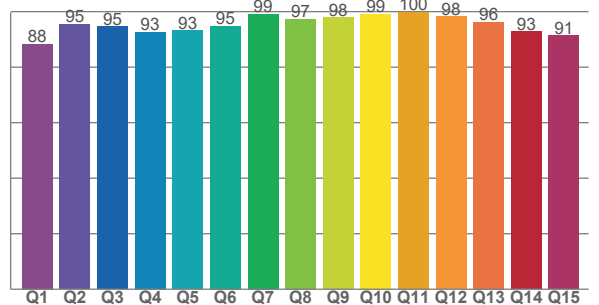
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
91.1	94.7	95.3	90.5	89.7	94.9	88.9	91.8	88.3	87.1	88.7	88.1	88.8	87.5	86.7	86.8

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
88.4	95.4	94.6	92.7	93.2	94.8	99.1	97.4	97.9	99.1	99.8	98.3	96.3	92.8	91.4

CQS: 94.4



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
3531 K	93.6	79.6	90.1	97.9	94.4	0.400	0.379	0.237	0.337	-0.0042

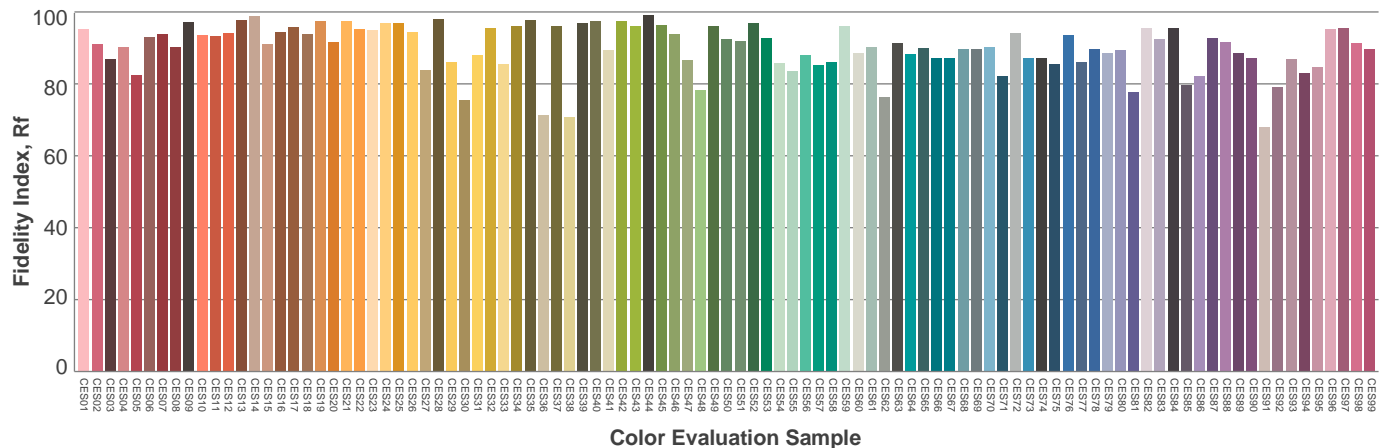
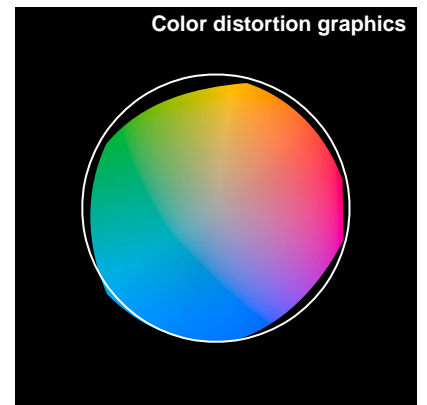
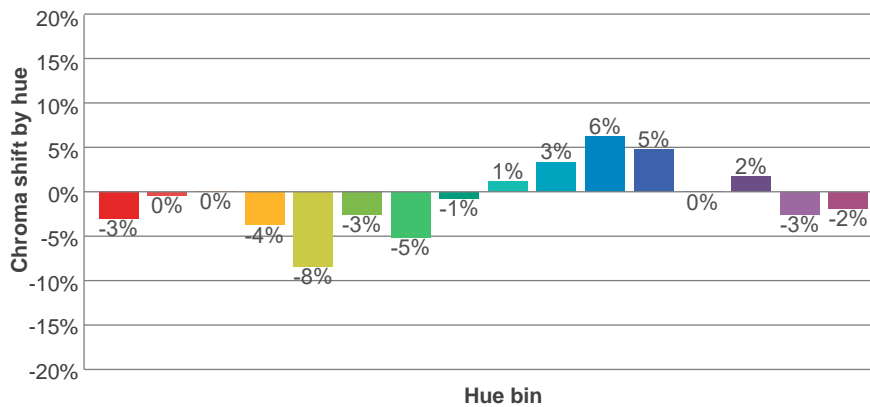
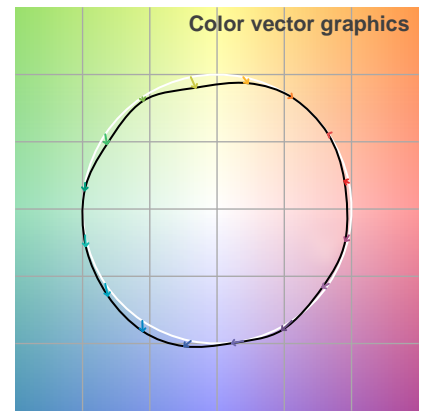
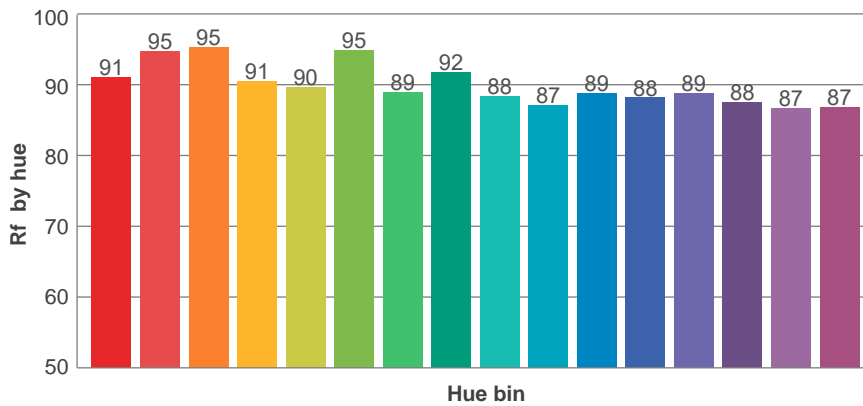
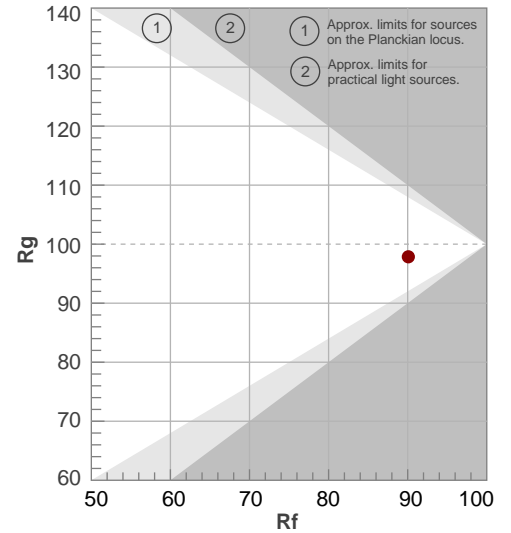
Rf 90.1

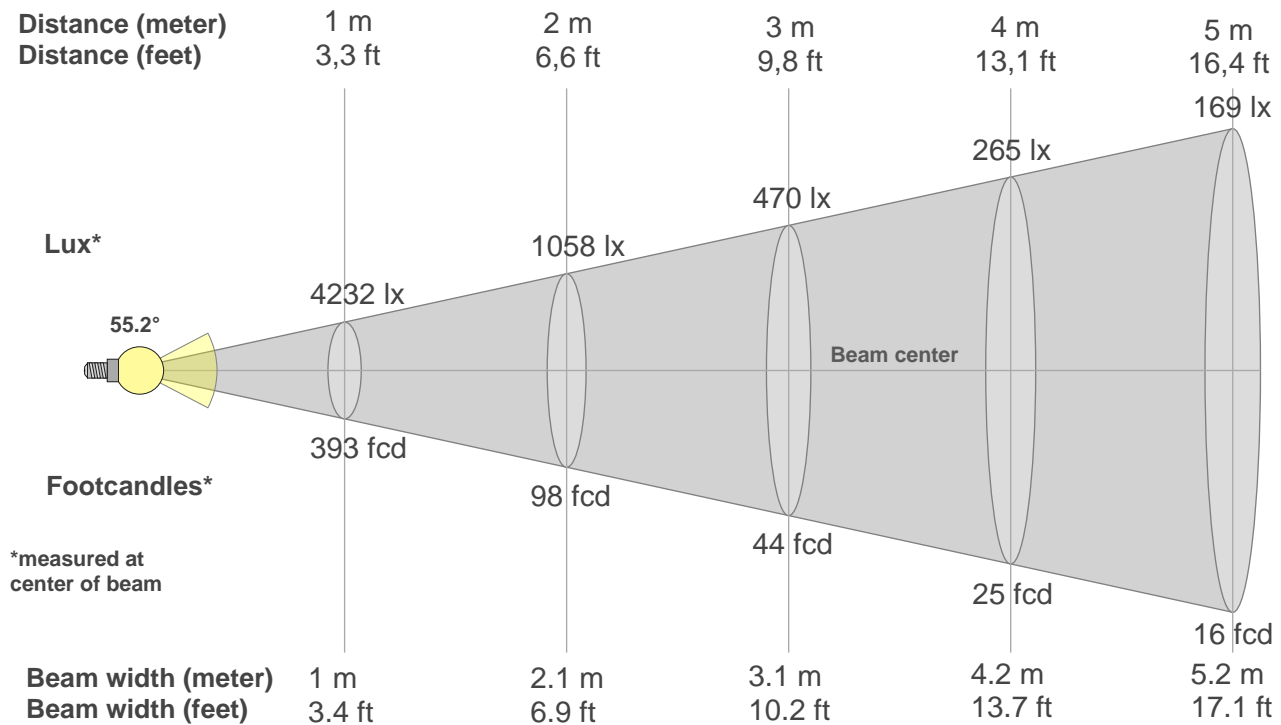
Fidelity index Rf

Rg 97.9

Gamut index Rg

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	91	-3%	2%
2	95	0%	1%
3	95	0%	0%
4	91	-4%	-4%
5	90	-8%	-2%
6	95	-3%	1%
7	89	-5%	5%
8	92	-1%	6%
9	88	1%	8%
10	87	3%	8%
11	89	6%	4%
12	88	5%	-4%
13	89	0%	-9%
14	88	2%	-10%
15	87	-3%	-5%
16	87	-2%	-5%





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
4232lx	1058lx	470lx	265lx	169lx	118lx	86lx	66lx	52lx	42lx	35lx	29lx	25lx	22lx	19lx	17lx	15lx	13lx	12lx	11lx
393.2fcd	98.3fcd	43.7fcd	24.6fcd	15.7fcd	10.9fcd	8fcd	6.1fcd	4.9fcd	3.9fcd	3.2fcd	2.7fcd	2.3fcd	2fcd	1.7fcd	1.5fcd	1.4fcd	1.2fcd	1.1fcd	1fcd

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°
4232	4246	4261	4253	4221	4157	4049	3882	3671	3428	3164	2889	2619	2355	2102	1858	1621	1383	1143	904
100%	100%	101%	100%	100%	98%	96%	92%	87%	81%	75%	68%	62%	56%	50%	44%	38%	33%	27%	21%

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°
4232	4233	4231	4216	4177	4099	3981	3823	3628	3396	3138	2876	2614	2358	2114	1879	1644	1408	1169	925
100%	100%	100%	100%	99%	97%	94%	90%	86%	80%	74%	68%	62%	56%	50%	44%	39%	33%	28%	22%

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°
4232	4217	4197	4168	4120	4040	3917	3754	3554	3320	3068	2811	2554	2303	2066	1840	1616	1390	1161	929
100%	100%	99%	98%	97%	95%	93%	89%	84%	78%	72%	66%	60%	54%	49%	43%	38%	33%	27%	22%

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°
4232	4221	4194	4161	4103	4014	3891	3719	3506	3268	3014	2749	2491	2244	2006	1775	1547	1314	1075	841
100%	100%	99%	98%	97%	95%	92%	88%	83%	77%	71%	65%	59%	53%	47%	42%	37%	31%	25%	20%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
55.2°	85.3°	96.5°	99.4%	96.9%