

Light efficiency:

98 Lumen/Watt

Light quality:

CRI: 93.6

Color temperature:

3526 K

Output: 3586 lm

Peak: 6954 cd

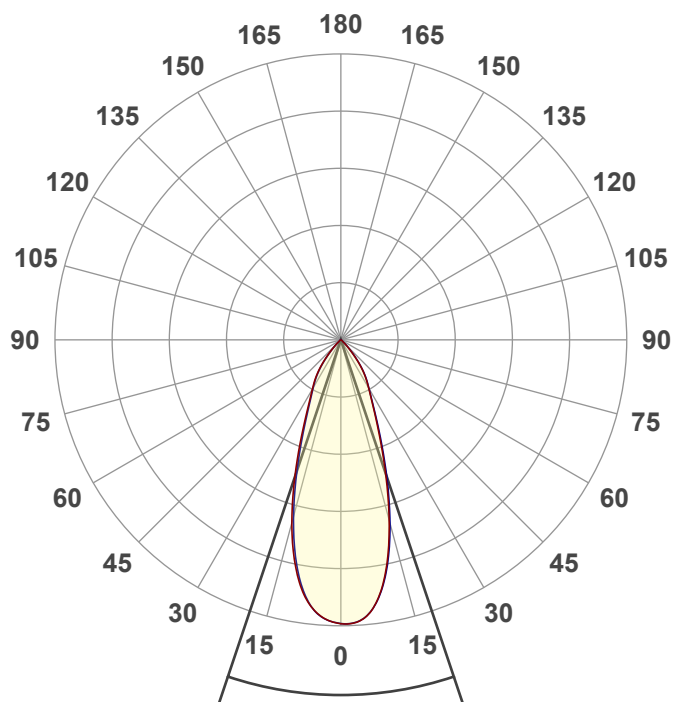
Power: 36.5 W

PF: 0.98



BETA-6R-TW-35LM-2765-95-40D-SBL-WH-WH

Date and time:  
2/10/2025 1:05:59 PM



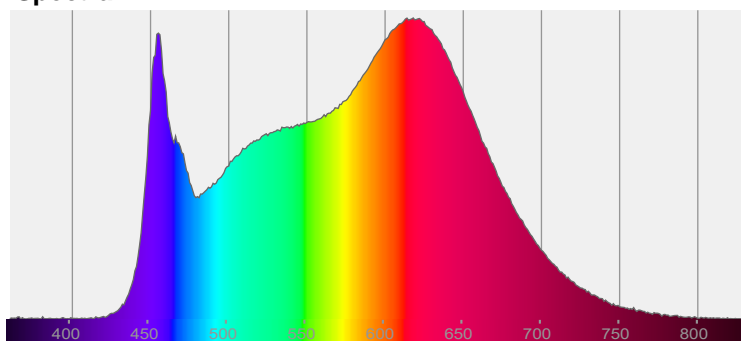
Beam angle

37.1°

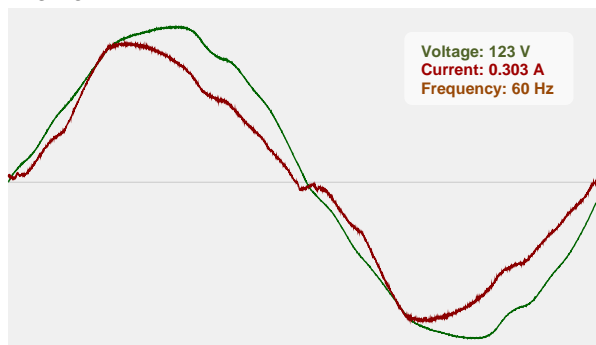


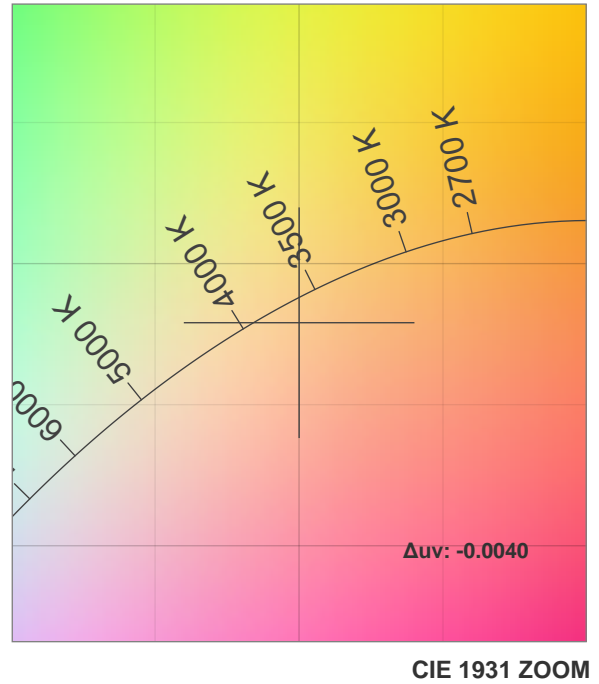
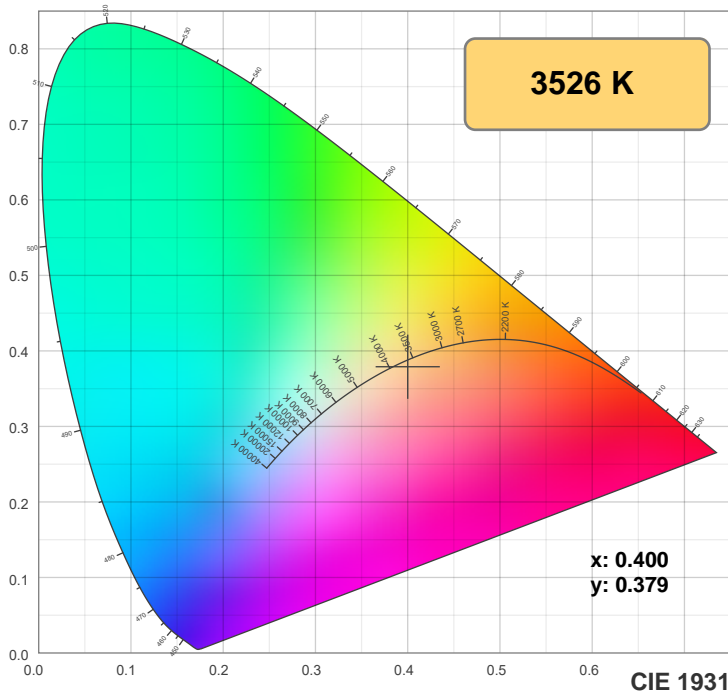
CIE 1931  
x: 0.400  
y: 0.379

Spectra

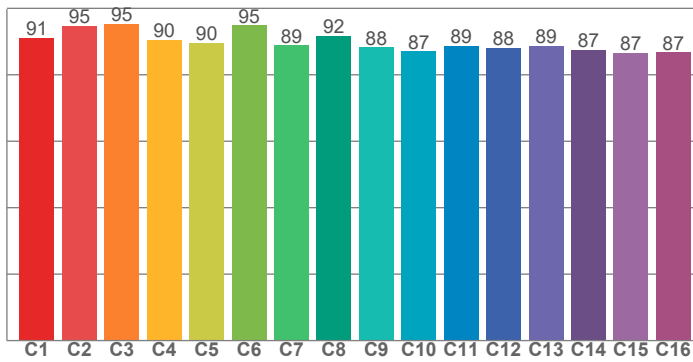


Power

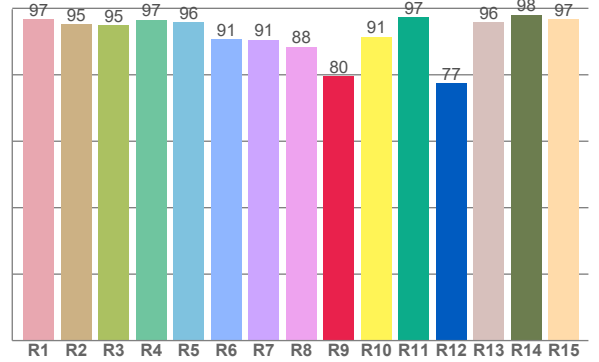




**TM30: 90.1**



**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	95.3	94.9	96.5	95.8	90.7	90.6	88.4	79.5	91.4	97.2	77.4	95.9	98.1	96.8

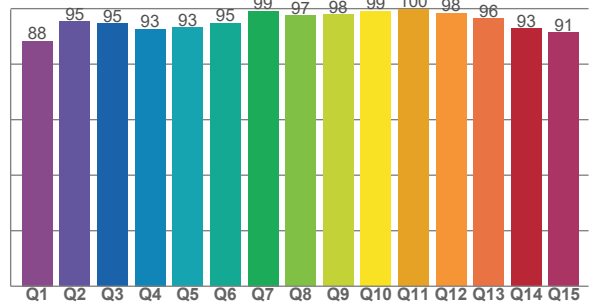
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
91.1	94.8	95.3	90.5	89.6	94.8	88.8	91.7	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
88.3	95.4	94.7	92.7	93.1	94.7	99.1	97.5	97.9	99.1	99.8	98.3	96.4	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
3526 K	93.6	79.5	90.1	97.8	94.4	0.400	0.379	0.237	0.337	-0.0040

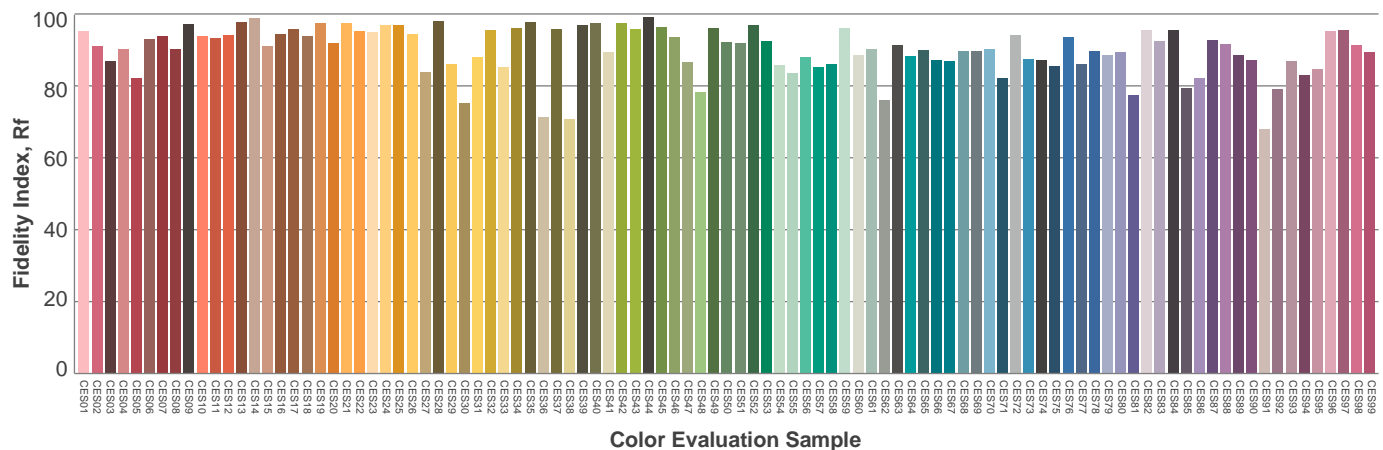
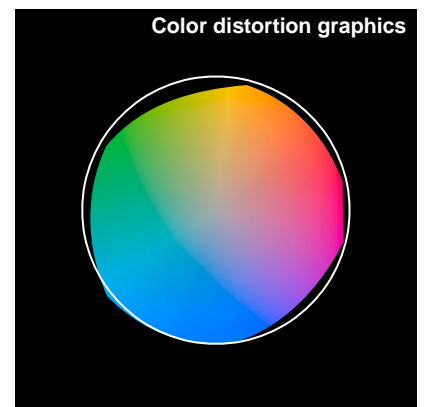
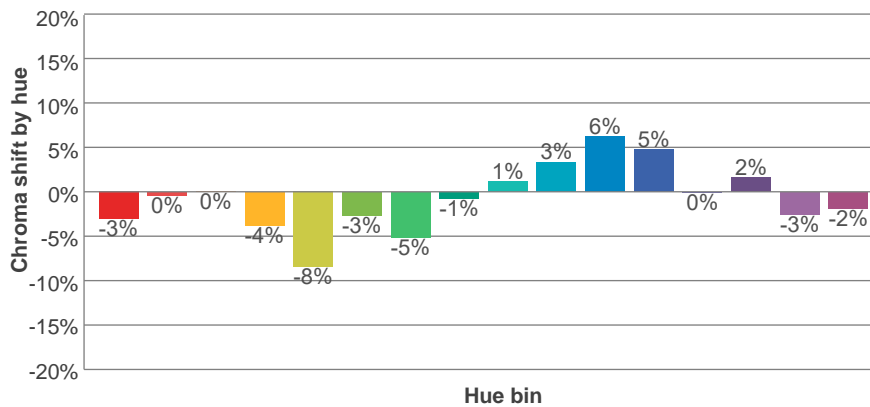
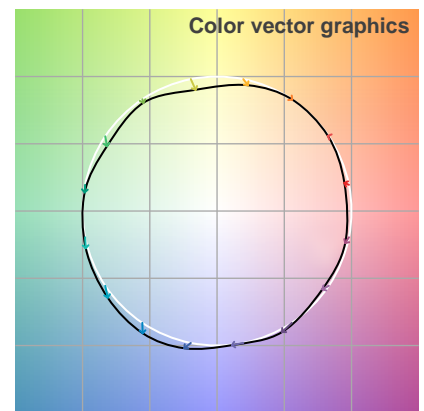
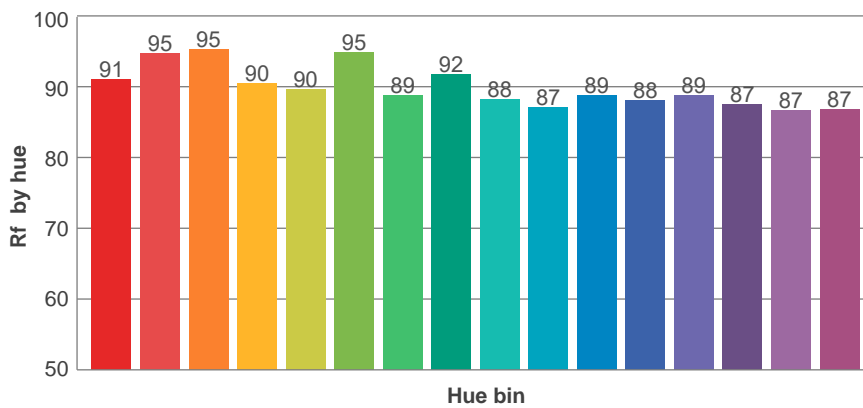
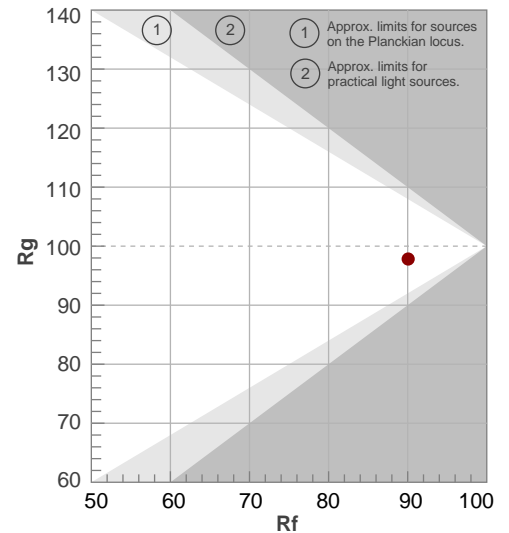
**Rf 90.1**

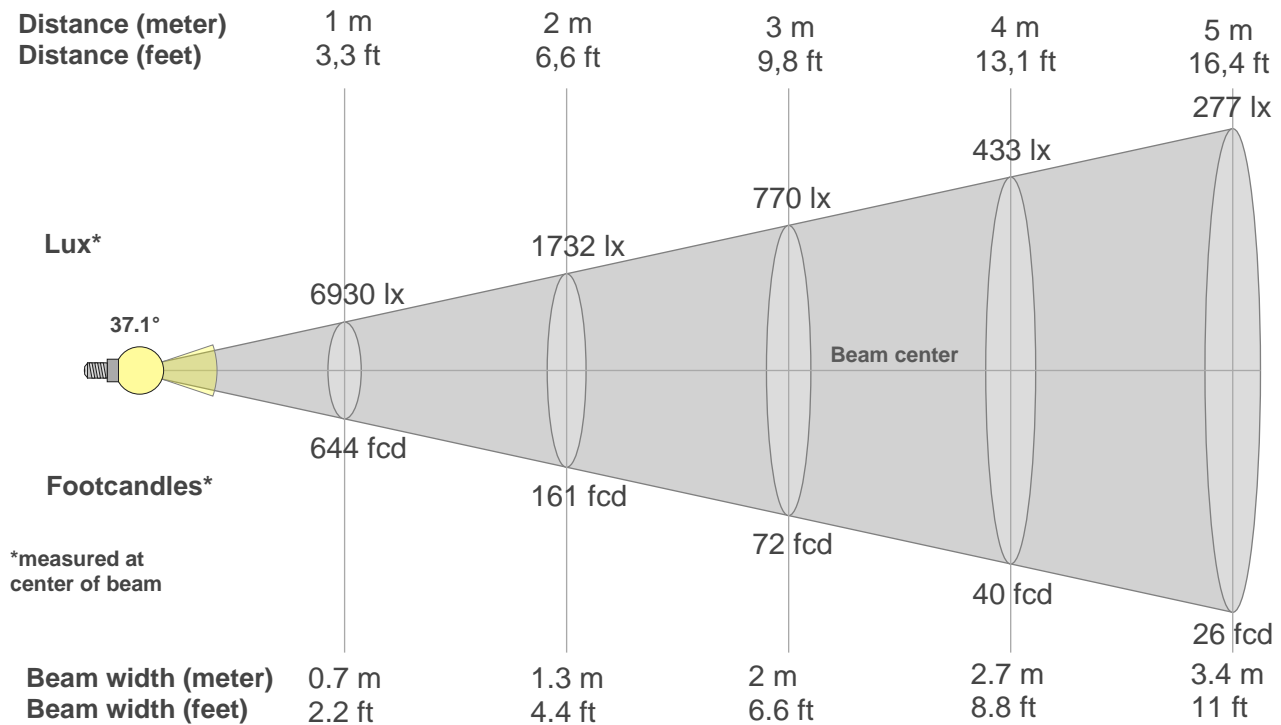
Fidelity index Rf

**Rg 97.8**

Gammut index Rg

Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	91	-3%	2%
2	95	0%	1%
3	95	0%	0%
4	90	-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	87	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
6930lx	1732lx	770lx	433lx	277lx	192lx	141lx	108lx	86lx	69lx	57lx	48lx	41lx	35lx	31lx	27lx	24lx	21lx	19lx	17lx
643.8fc	160.9fc	71.5fc	40.2fc	25.8fc	17.9fc	13.1fc	10.1fc	7.9fc	6.4fc	5.3fc	4.5fc	3.8fc	3.3fc	2.9fc	2.5fc	2.2fc	2fc	1.8fc	1.6fc

#### 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°
6930	6930	6862	6699	6409	5989	5470	4867	4231	3595	3016	2514	2105	1787	1547	1358	1200	1045	878	695
100%	100%	99%	97%	92%	86%	79%	70%	61%	52%	44%	36%	30%	26%	22%	20%	17%	15%	13%	10%

#### 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°
6930	6924	6857	6692	6421	6018	5518	4941	4314	3692	3100	2588	2159	1821	1568	1372	1216	1062	893	710
100%	100%	99%	97%	93%	87%	80%	71%	62%	53%	45%	37%	31%	26%	23%	20%	18%	15%	13%	10%

#### 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°
6930	6875	6770	6586	6319	5940	5462	4918	4314	3699	3111	2596	2165	1827	1581	1391	1234	1077	909	724
100%	99%	98%	95%	91%	86%	79%	71%	62%	53%	45%	37%	31%	26%	23%	20%	18%	16%	13%	10%

#### 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°
6930	6874	6774	6582	6282	5864	5349	4767	4148	3530	2959	2468	2065	1757	1527	1350	1195	1038	865	675
100%	99%	98%	95%	91%	85%	77%	69%	60%	51%	43%	36%	30%	25%	22%	19%	17%	15%	12%	10%

Beam angle 50°	Field angle 10°	Cutoff angle 2,5°	Intensity ratio in 120° cone	Intensity ratio in 90° cone
37.1°	76.1°	90.5°	99.6%	97.5%