

Light efficiency:

98 Lumen/Watt

Light quality:

CRI: 93.5

Color temperature:

3529 K

Output: 3578 lm

Peak: 3424 cd

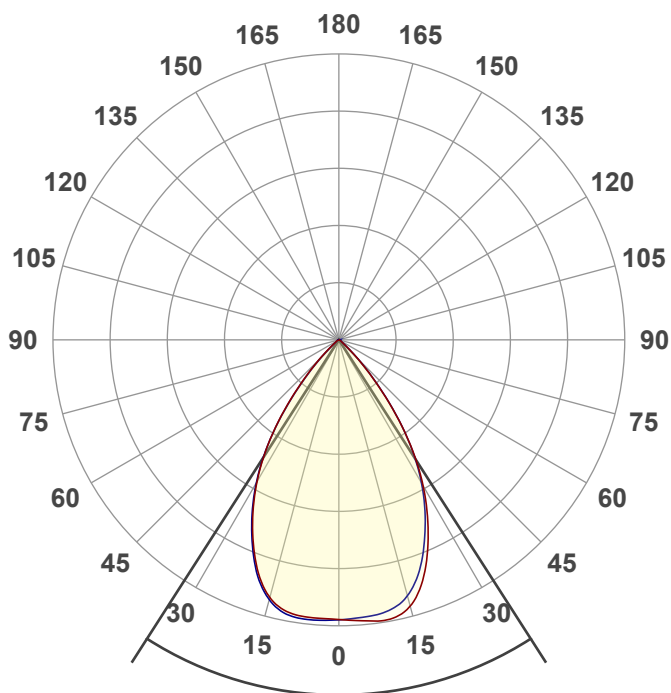
Power: 36.5 W

PF: 0.98



BETA-6R-TW-35LM-2765-95-65D-SBL-WH-WH

Date and time:  
2/10/2025 2:01:05 PM



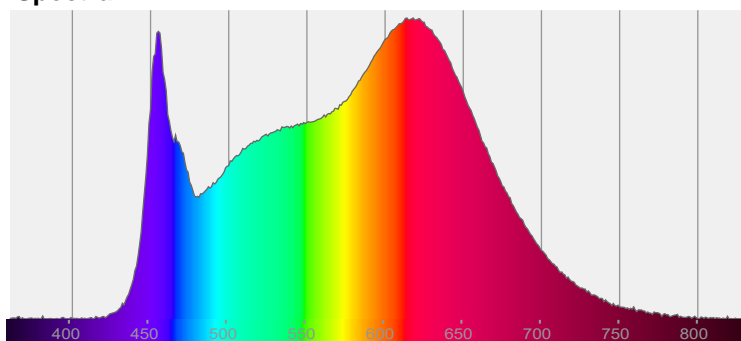
Beam angle

65.4°

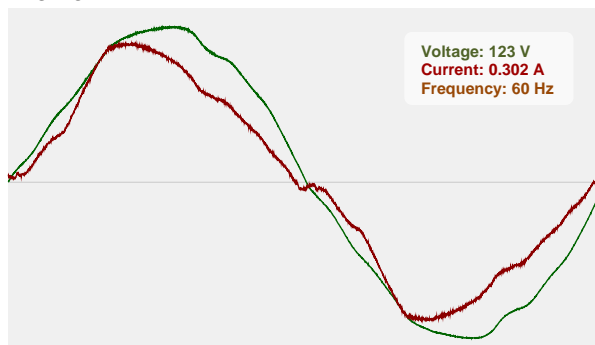


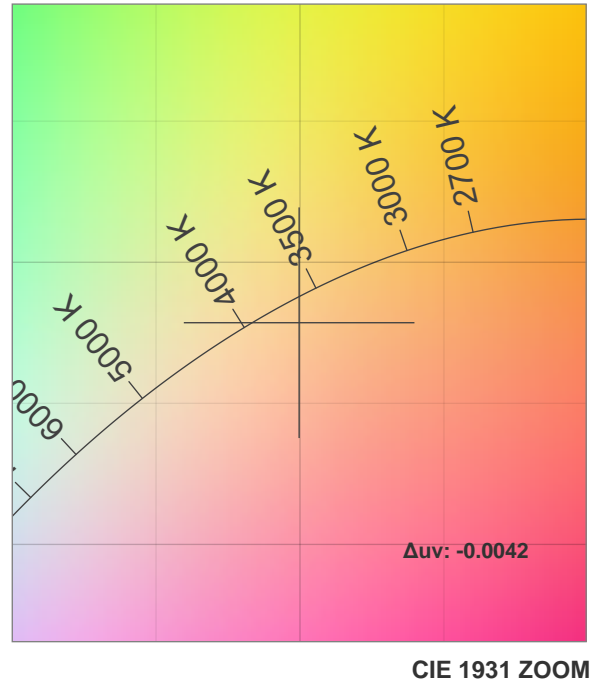
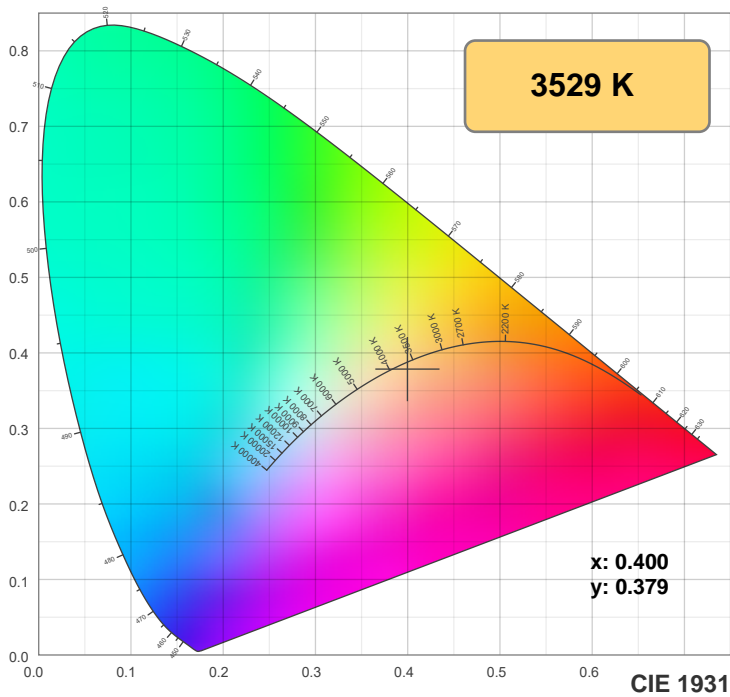
CIE 1931  
x: 0.400  
y: 0.379

Spectra

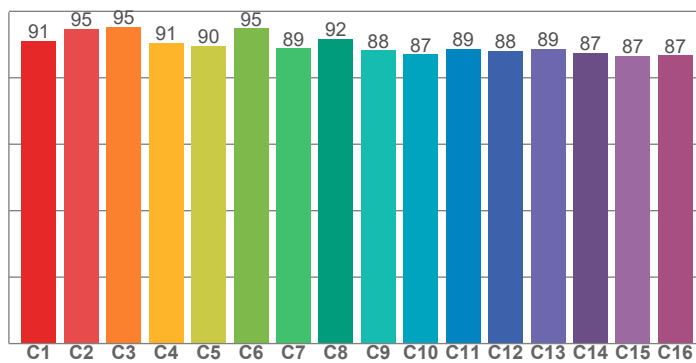


Power

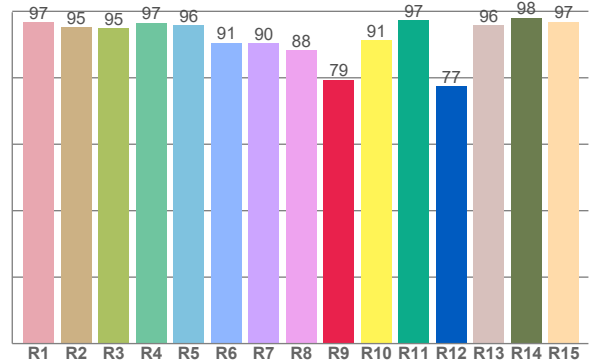




TM30: 90.1



CRI: 93.5 (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
96.7	95.2	94.8	96.5	95.7	90.5	90.5	88.4	79.4	91.2	97.2	77.4	95.8	98.0	96.8

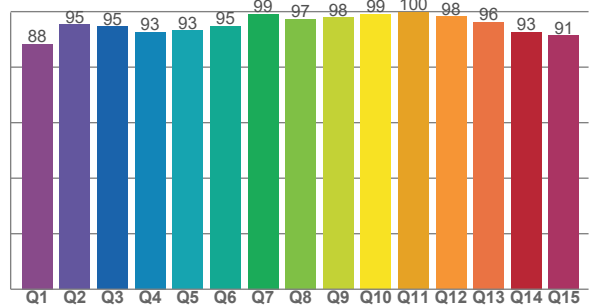
TM30 C values, 16 binned values out of total of 99 C values

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	94.8	88.9	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	94.6	92.7	93.1	94.7	99.1	97.4	97.9	99.1	99.8	98.2	96.3	92.7	91.3

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
3529 K	93.5	79.4	90.1	97.8	94.4	0.400	0.379	0.237	0.337	-0.0042

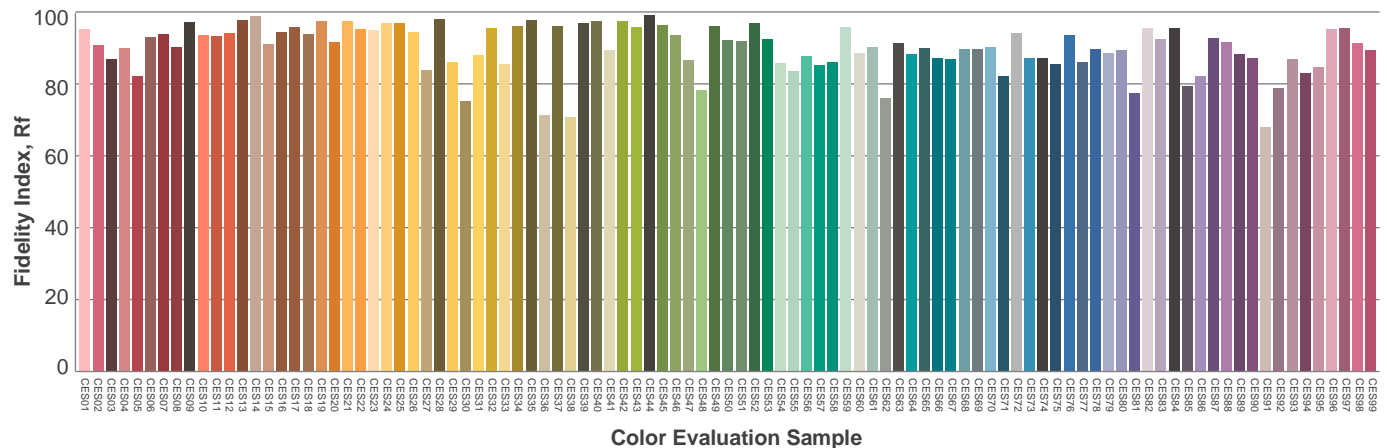
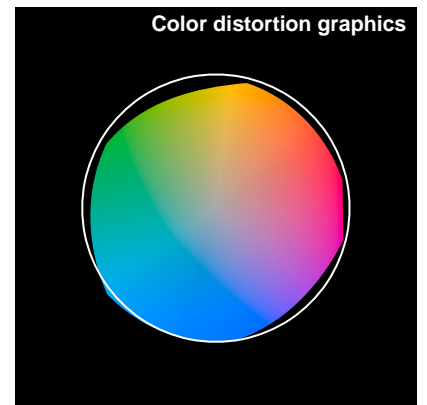
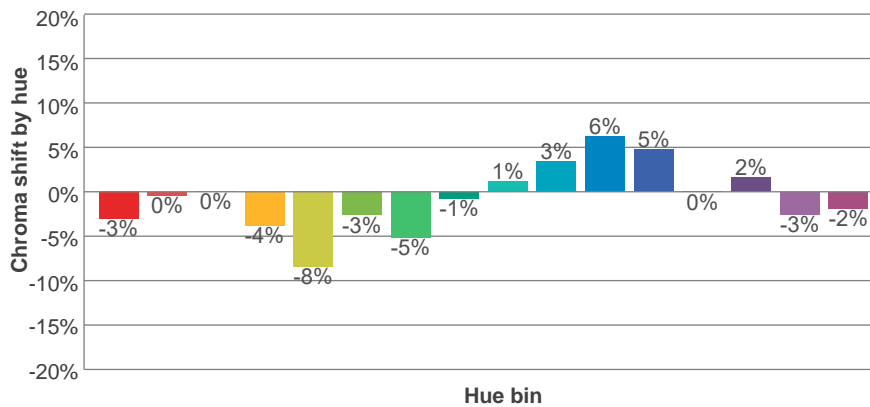
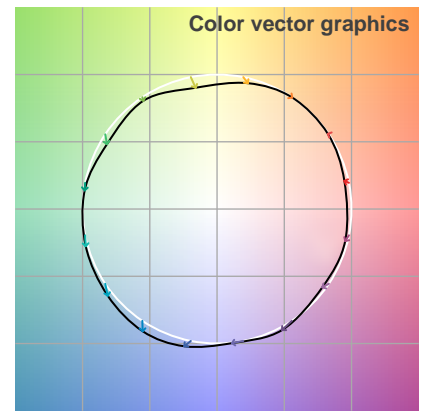
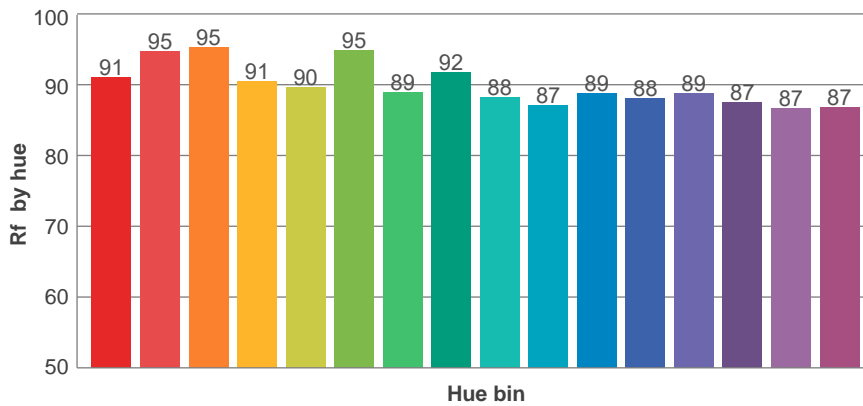
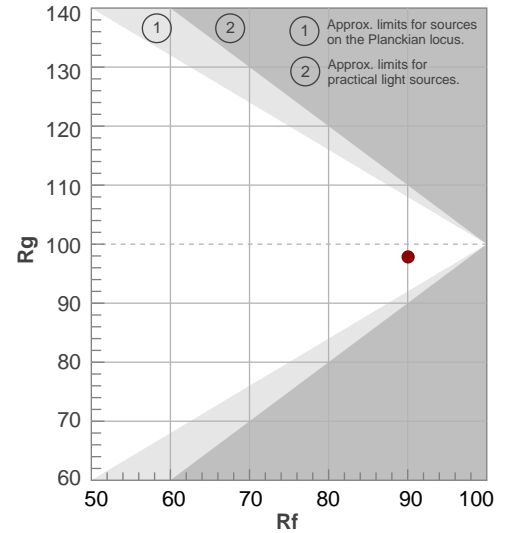
**Rf 90.1**

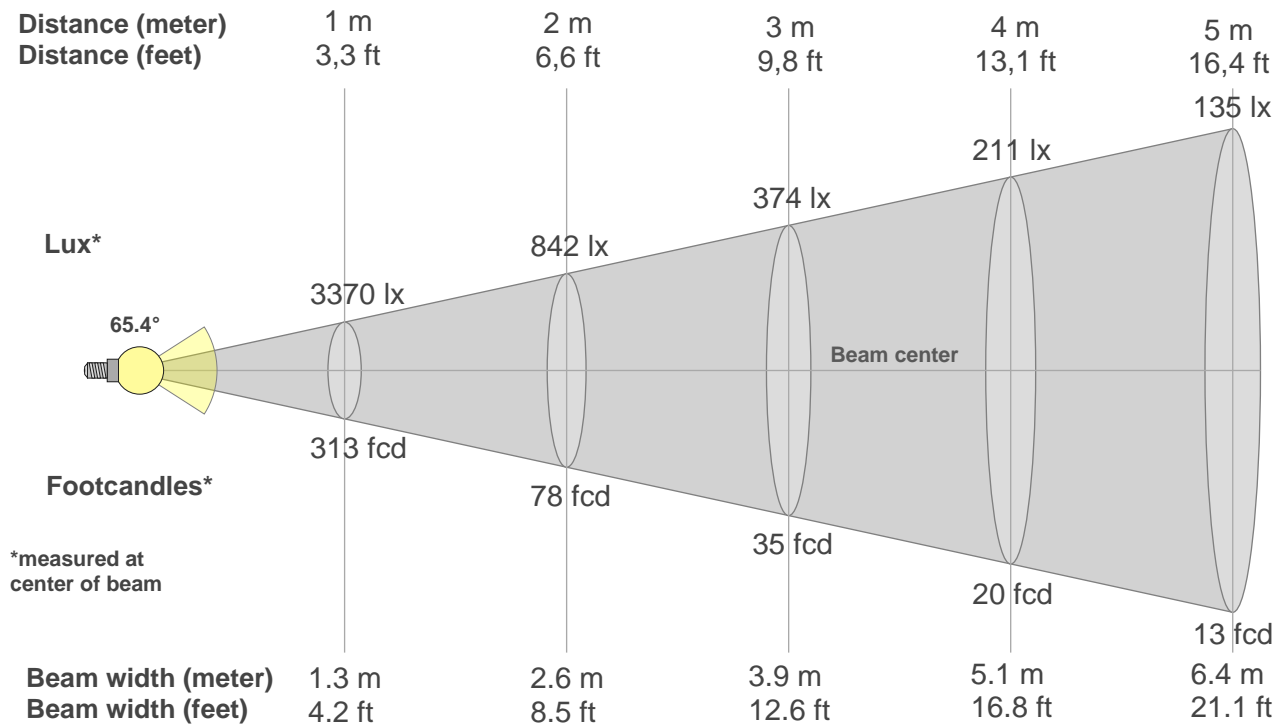
Fidelity index Rf

**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	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	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
3370lx	842lx	374lx	211lx	135lx	94lx	69lx	53lx	42lx	34lx	28lx	23lx	20lx	17lx	15lx	13lx	12lx	10lx	9lx	8lx
313fcd	78.3fcd	34.8fcd	19.6fcd	12.5fcd	8.7fcd	6.4fcd	4.9fcd	3.9fcd	3.1fcd	2.6fcd	2.2fcd	1.9fcd	1.6fcd	1.4fcd	1.2fcd	1.1fcd	1fcd	0.9fcd	0.8fcd

#### 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°
3370	3379	3390	3403	3418	3418	3397	3352	3275	3152	3001	2829	2642	2445	2241	2027	1801	1561	1308	1050
100%	100%	101%	101%	101%	101%	101%	99%	97%	94%	89%	84%	78%	73%	67%	60%	53%	46%	39%	31%

#### 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°
3370	3364	3356	3350	3340	3318	3283	3228	3143	3025	2883	2721	2548	2372	2185	1988	1777	1550	1305	1052
100%	100%	100%	99%	99%	98%	97%	96%	93%	90%	86%	81%	76%	70%	65%	59%	53%	46%	39%	31%

#### 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°
3370	3363	3362	3361	3355	3339	3307	3253	3160	3039	2893	2728	2551	2365	2171	1969	1756	1530	1289	1045
100%	100%	100%	100%	100%	99%	98%	97%	94%	90%	86%	81%	76%	70%	64%	58%	52%	45%	38%	31%

#### 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°
3370	3379	3385	3389	3385	3370	3338	3281	3188	3070	2924	2757	2577	2390	2193	1986	1766	1531	1279	1026
100%	100%	100%	101%	100%	100%	99%	97%	95%	91%	87%	82%	76%	71%	65%	59%	52%	45%	38%	30%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
65.4°	89.7°	101°	99.3%	96.0%