

Light efficiency:

79 Lumen/Watt

Light quality:

CRI: 93.5

Color temperature:

2669 K

Output: 955 lm

Peak: 2155 cd

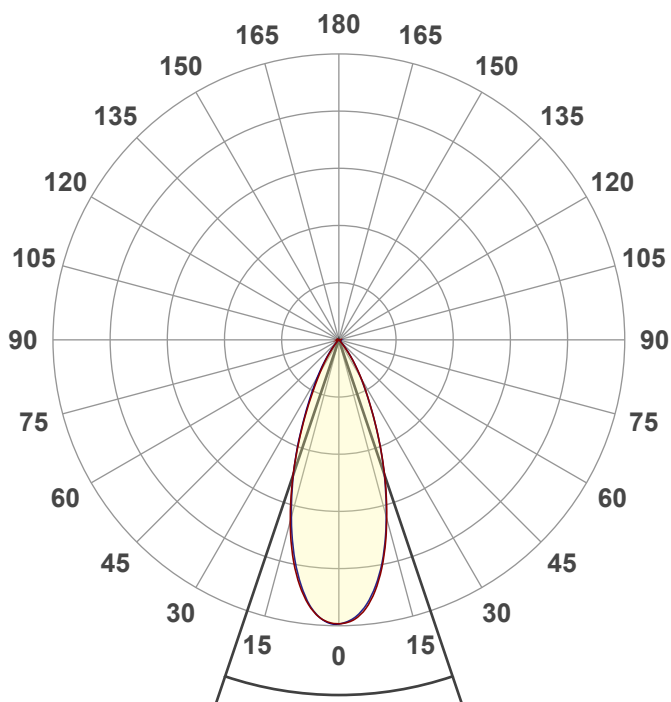
Power: 12.0 W

PF: 0.97



GX-10-11LM-27K-90-35D-120-  
ELV\_SNOOT

Date and time:  
11/28/2022 3:58:39 PM



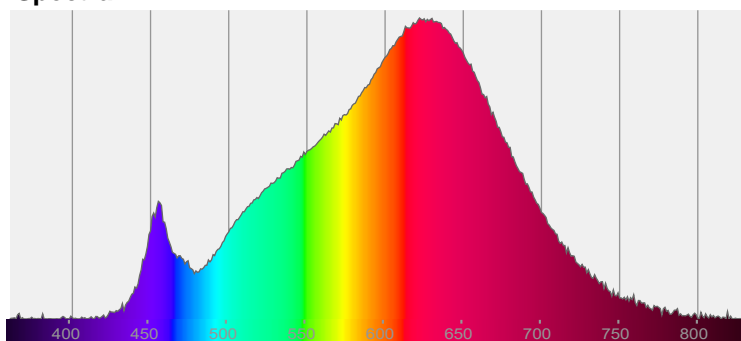
Beam angle

37.4°

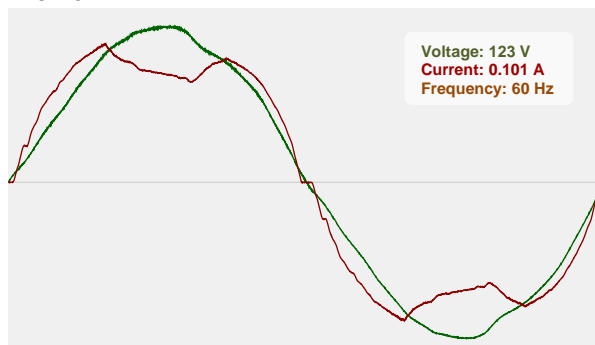


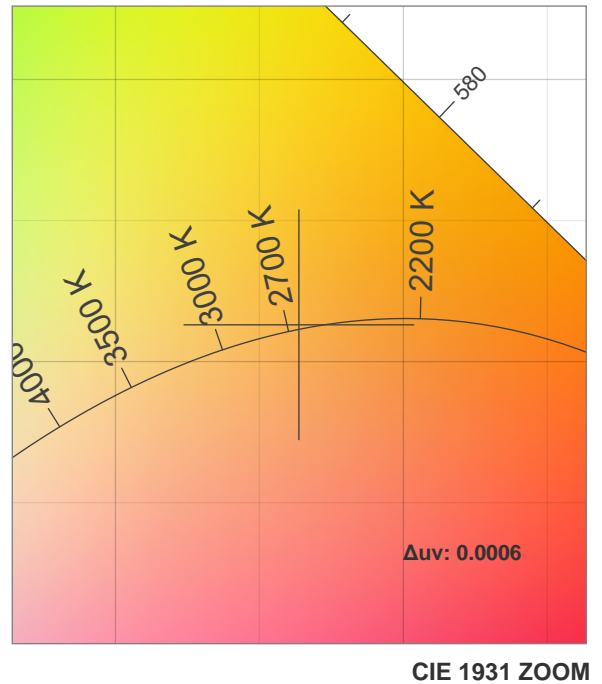
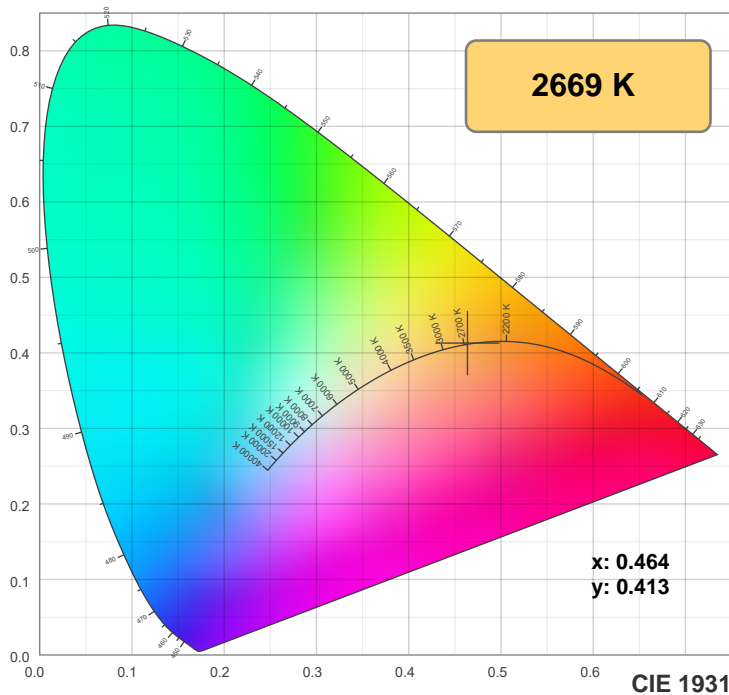
CIE 1931  
x: 0.464  
y: 0.413

Spectra

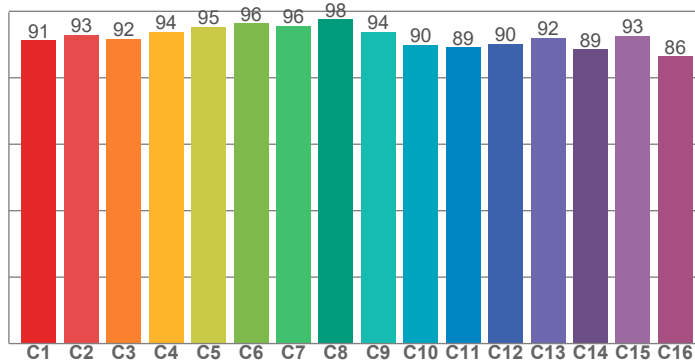


Power

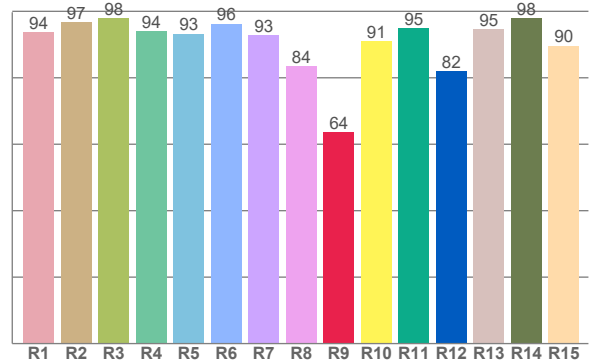




TM30: 92.1



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
93.8	96.7	98.0	93.9	93.2	96.3	92.9	83.5	63.6	91.0	95.0	82.0	94.6	97.9	89.6

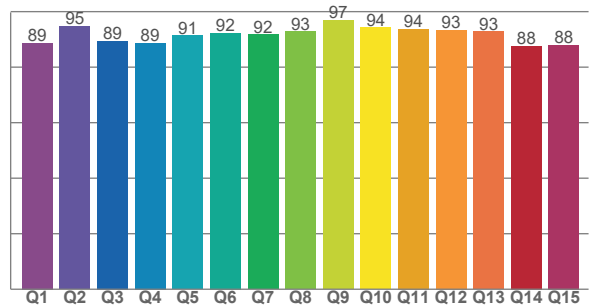
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
91.3	93.0	91.7	93.8	95.3	96.3	95.6	97.6	93.7	89.9	89.2	90.2	92.0	88.6	92.6	86.4

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
88.7	94.7	89.4	88.7	91.3	92.3	91.8	92.8	96.9	94.2	93.8	93.3	92.9	87.6	88.0

CQS: 91.2



## 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
2669 K	93.5	63.6	92.1	98.8	91.2	0.464	0.413	0.264	0.353	0.0006

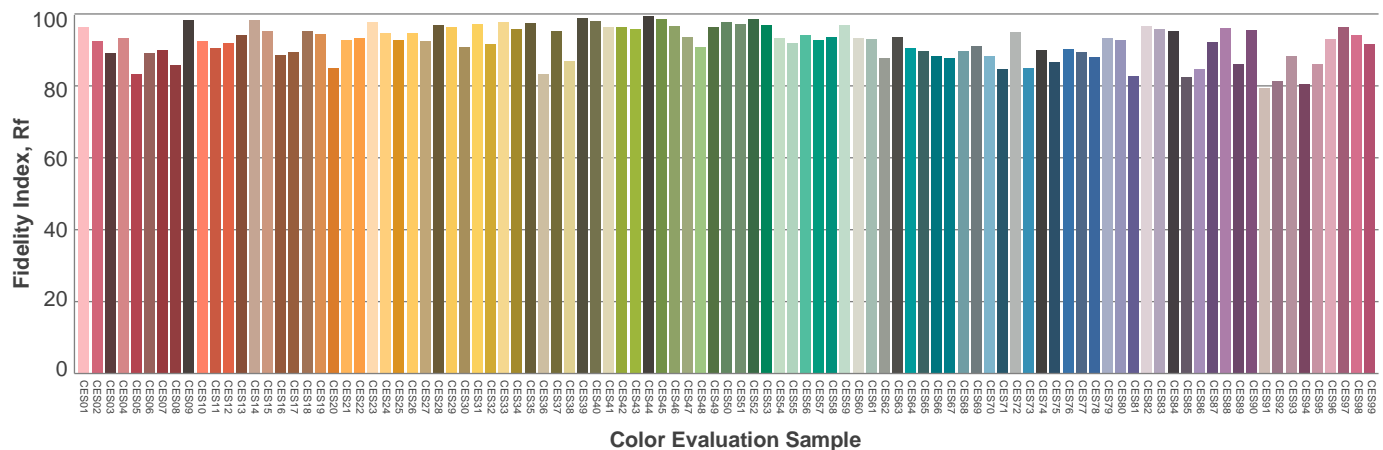
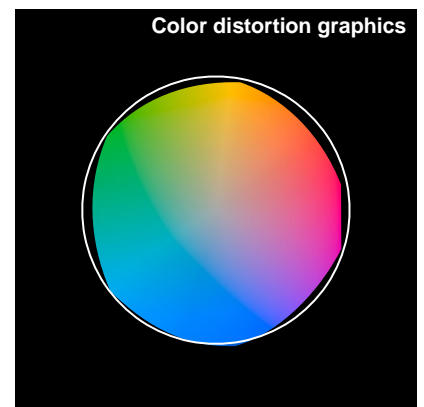
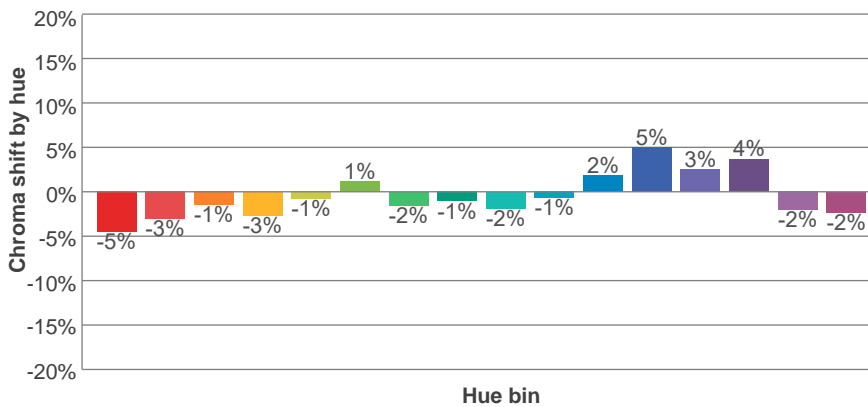
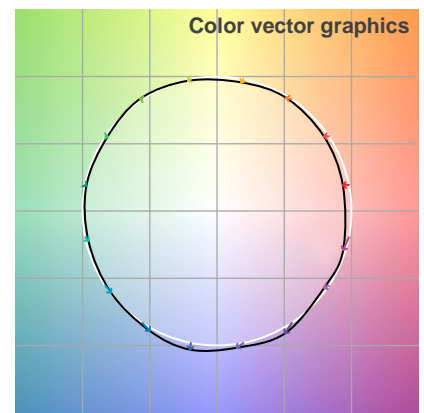
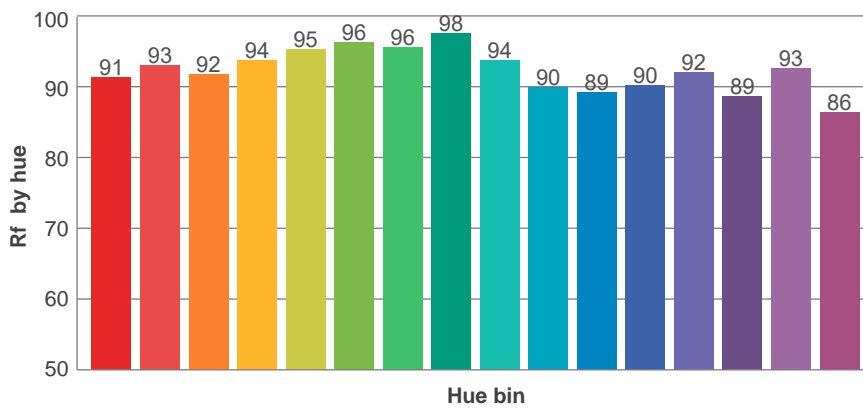
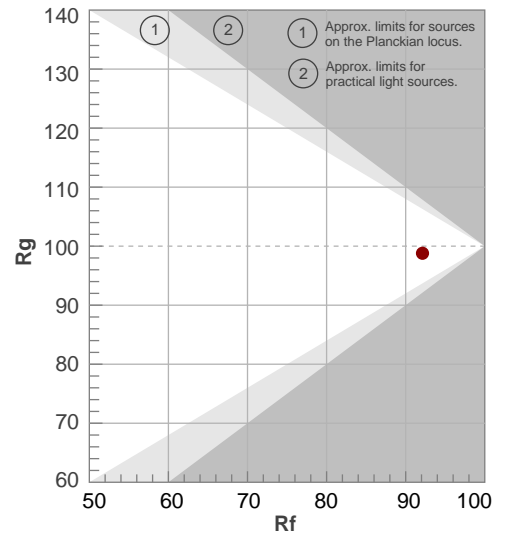
**Rf 92.1**

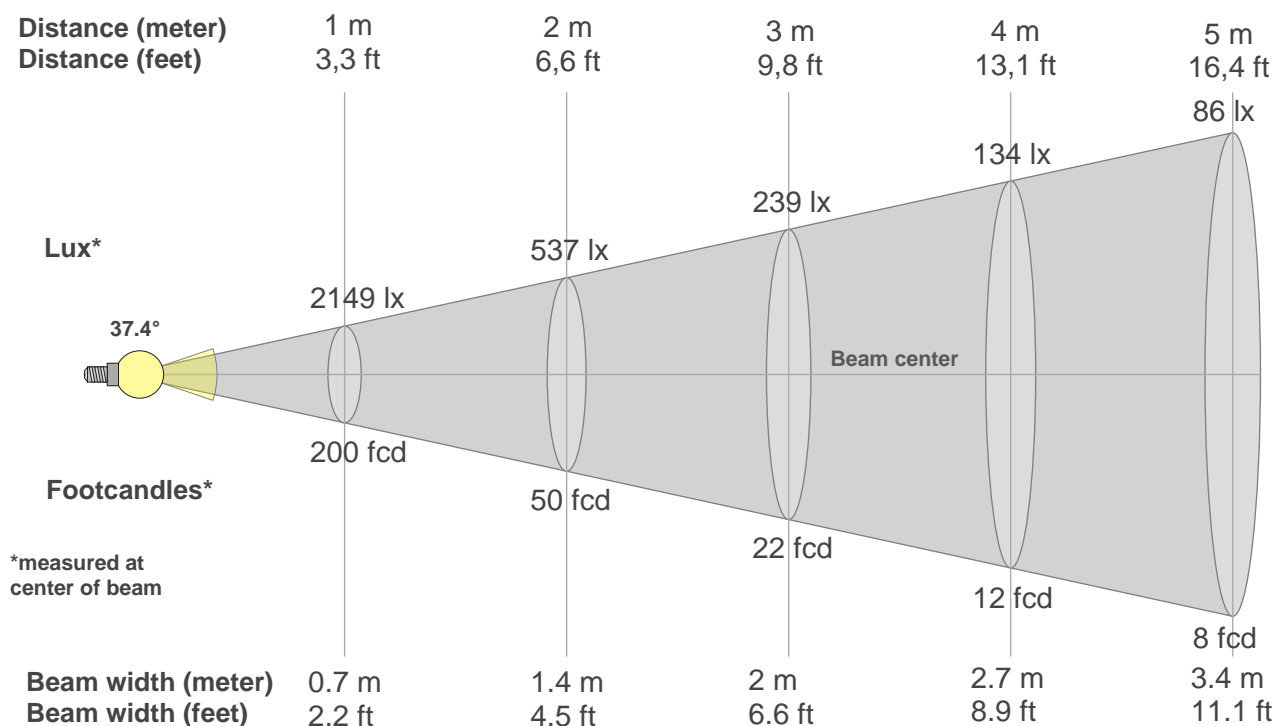
Fidelity index Rf

**Rg 98.8**

Gammut index Rg

Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	91	-5%	0%
2	93	-3%	2%
3	92	-1%	4%
4	94	-3%	1%
5	95	-1%	2%
6	96	1%	1%
7	96	-2%	-1%
8	98	-1%	1%
9	94	-2%	3%
10	90	-1%	7%
11	89	2%	8%
12	90	5%	0%
13	92	3%	-5%
14	89	4%	-8%
15	93	-2%	-3%
16	86	-2%	-10%





#### 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
2149lx	537lx	239lx	134lx	86lx	60lx	44lx	34lx	27lx	21lx	18lx	15lx	13lx	11lx	10lx	8lx	7lx	7lx	6lx	5lx
199.6fcd	49.9fcd	22.2fcd	12.5fcd	8fcd	5.5fcd	4.1fcd	3.1fcd	2.5fcd	2fcd	1.6fcd	1.4fcd	1.2fcd	1fcd	0.9fcd	0.8fcd	0.7fcd	0.6fcd	0.6fcd	0.5fcd

#### 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°
2149	2136	2099	2033	1934	1804	1653	1488	1314	1143	970	809	661	533	429	344	264	195	135	82
100%	99%	98%	95%	90%	84%	77%	69%	61%	53%	45%	38%	31%	25%	20%	16%	12%	9%	6%	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°
2149	2129	2085	2015	1911	1785	1639	1475	1302	1132	965	804	655	525	420	334	259	194	139	90
100%	99%	97%	94%	89%	83%	76%	69%	61%	53%	45%	37%	30%	24%	20%	16%	12%	9%	6%	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°
2149	2141	2108	2039	1942	1820	1677	1513	1331	1147	963	784	622	480	371	285	216	156	105	71
100%	100%	98%	95%	90%	85%	78%	70%	62%	53%	45%	37%	29%	22%	17%	13%	10%	7%	5%	3%

#### 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°
2149	2143	2106	2033	1924	1793	1644	1478	1305	1133	964	799	643	511	406	320	244	179	125	84
100%	100%	98%	95%	90%	83%	76%	69%	61%	53%	45%	37%	30%	24%	19%	15%	11%	8%	6%	4%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
37.4°	65.7°	79.4°	99.7%	99.1%