

Photometric / Colorimetric / Electric Report

Fixture Model:

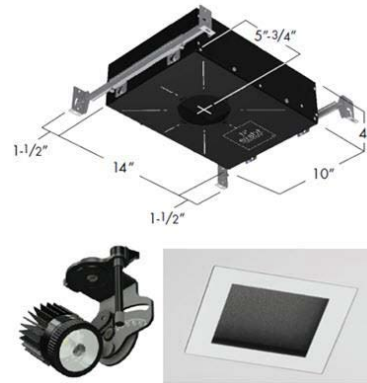
804S-J2S-HI-3-30-25-PR1-8-350-FS-LG-P-1-WH-NL

Trim Model:

FS-LG-P-1-WH/NL

Date:

12/7/2023



Light efficiency:

56 Lumen/Watt

Light quality:

CRI: 97.4

Color temperature:

2999 K

CIE 1931:

**x: 0.435
y: 0.399**

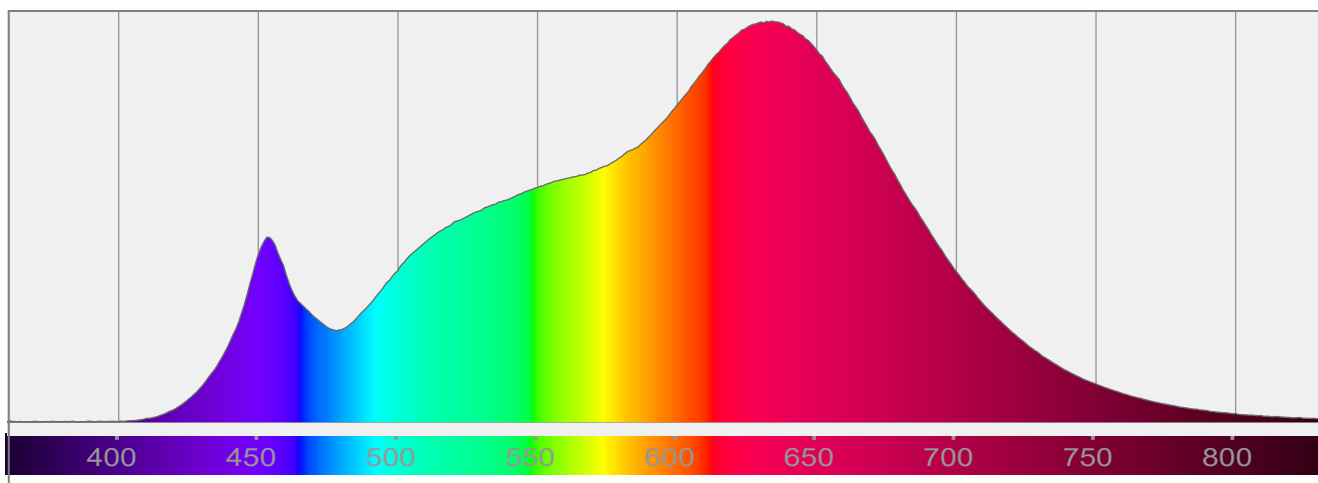
Output: 817 lm

Peak: 3654 cd

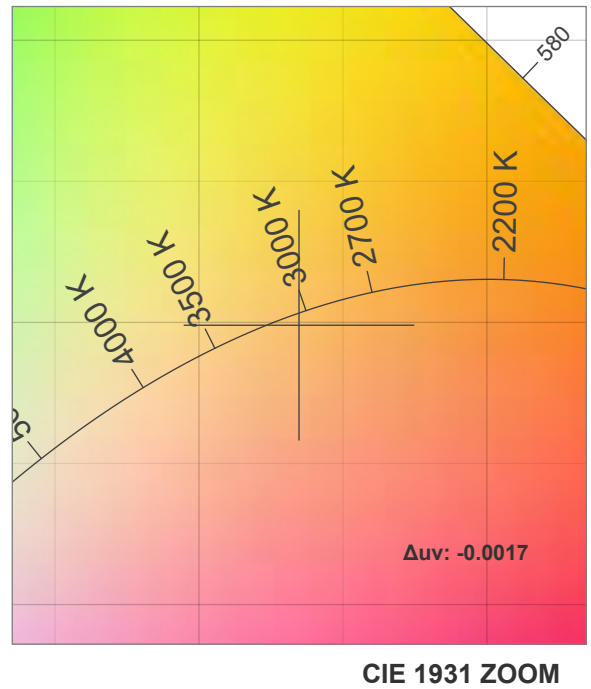
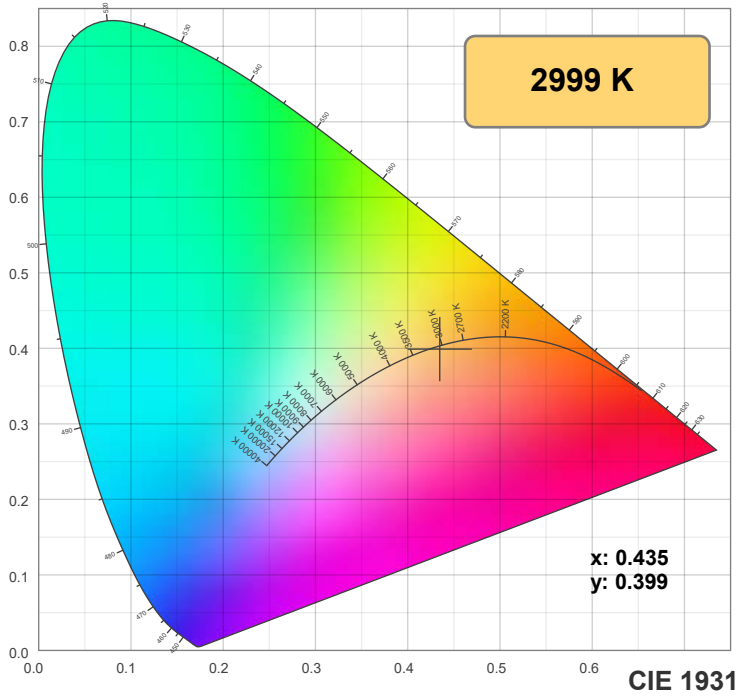
Power: 14.7 W

PF: 0.99

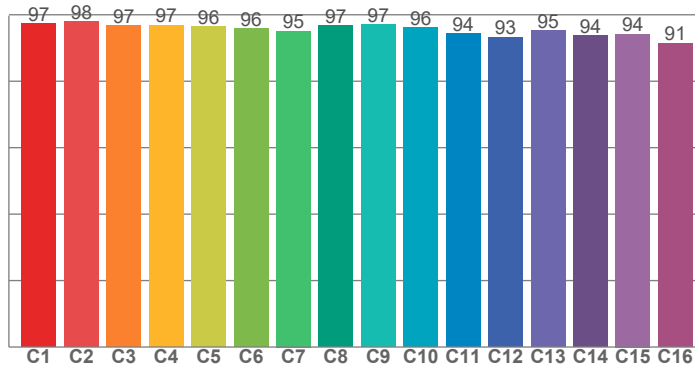
Spectra:



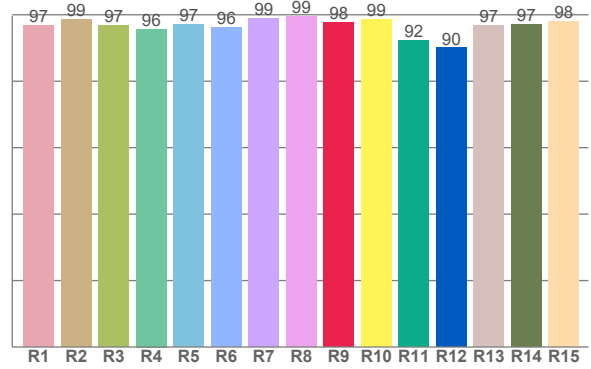
Color Details



TM-30: 95.8



CRI: 97.4 (R1-R8)



CRI R Values:

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96.7	98.6	96.8	95.7	97.0	96.2	98.8	99.5	97.7	98.7	92.4	90.0	96.8	97.1	98.1

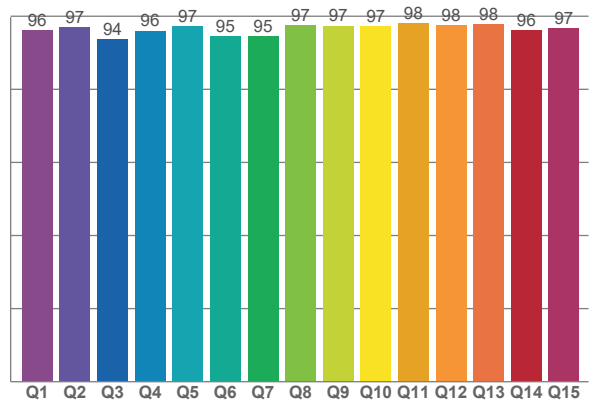
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
97.3	98.0	96.8	96.9	96.4	95.9	95.1	96.7	97.1	96.2	94.4	93.3	95.2	93.8	94.2	91.5

CQS Q values:

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
96.1	97.1	93.6	96.0	97.4	94.5	94.6	97.4	97.4	97.2	98.1	97.5	97.8	96.1	96.7

CQS: 96.1



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
2999 K	97.4	97.7	95.8	102.4	96.1	0.435	0.399	0.251	0.346	-0.0017

TM-30 Details

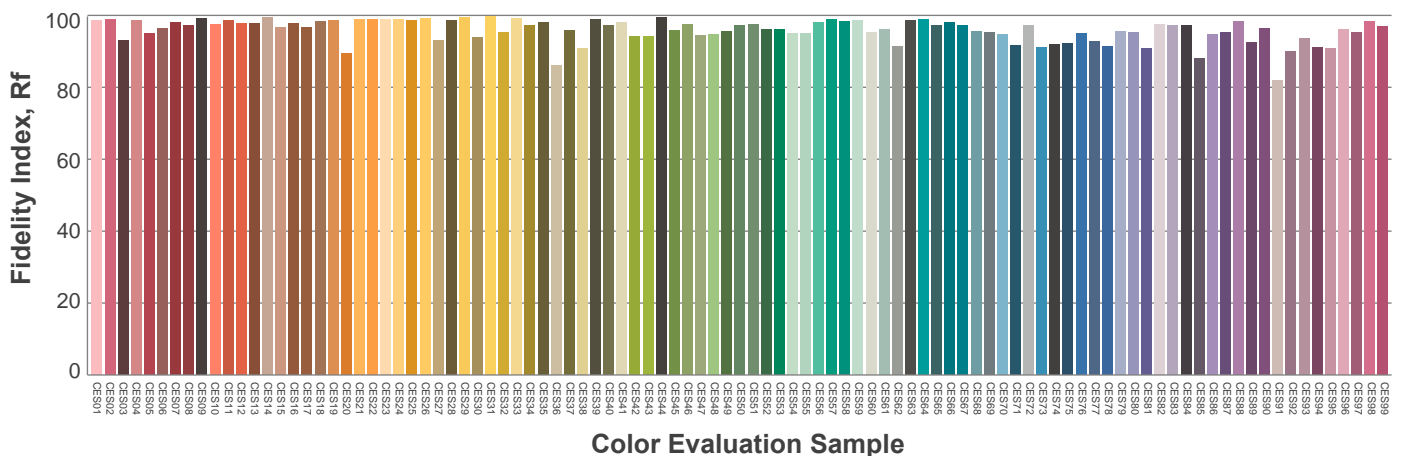
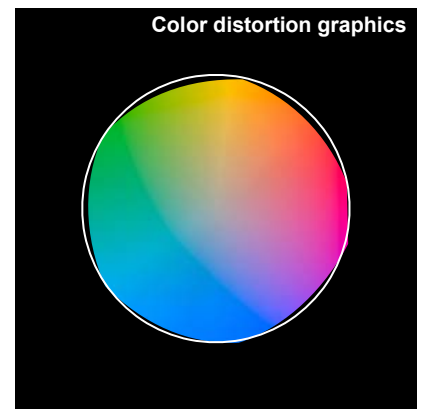
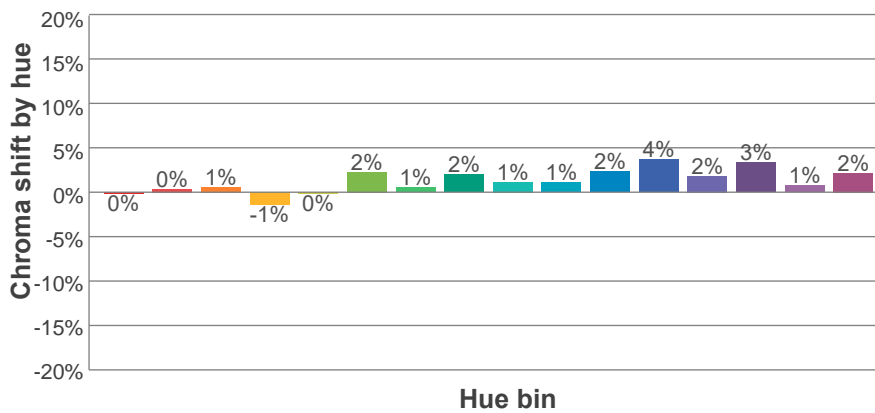
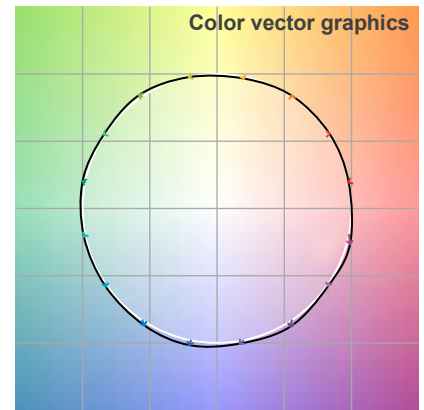
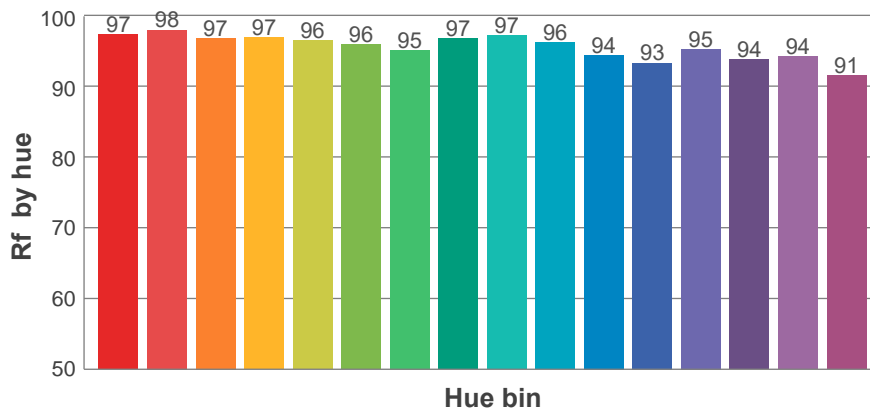
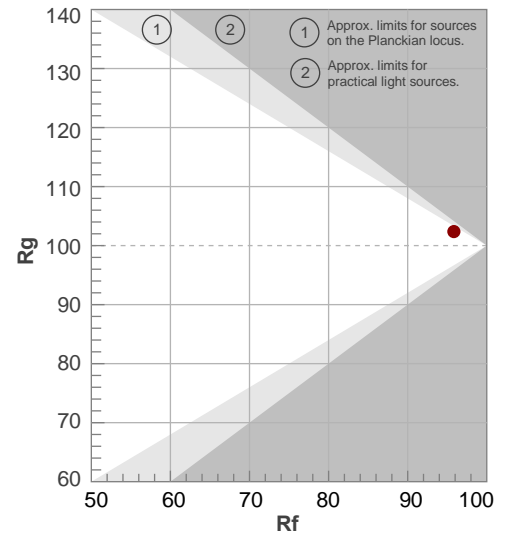
Rf 95.8

Fidelity index Rf

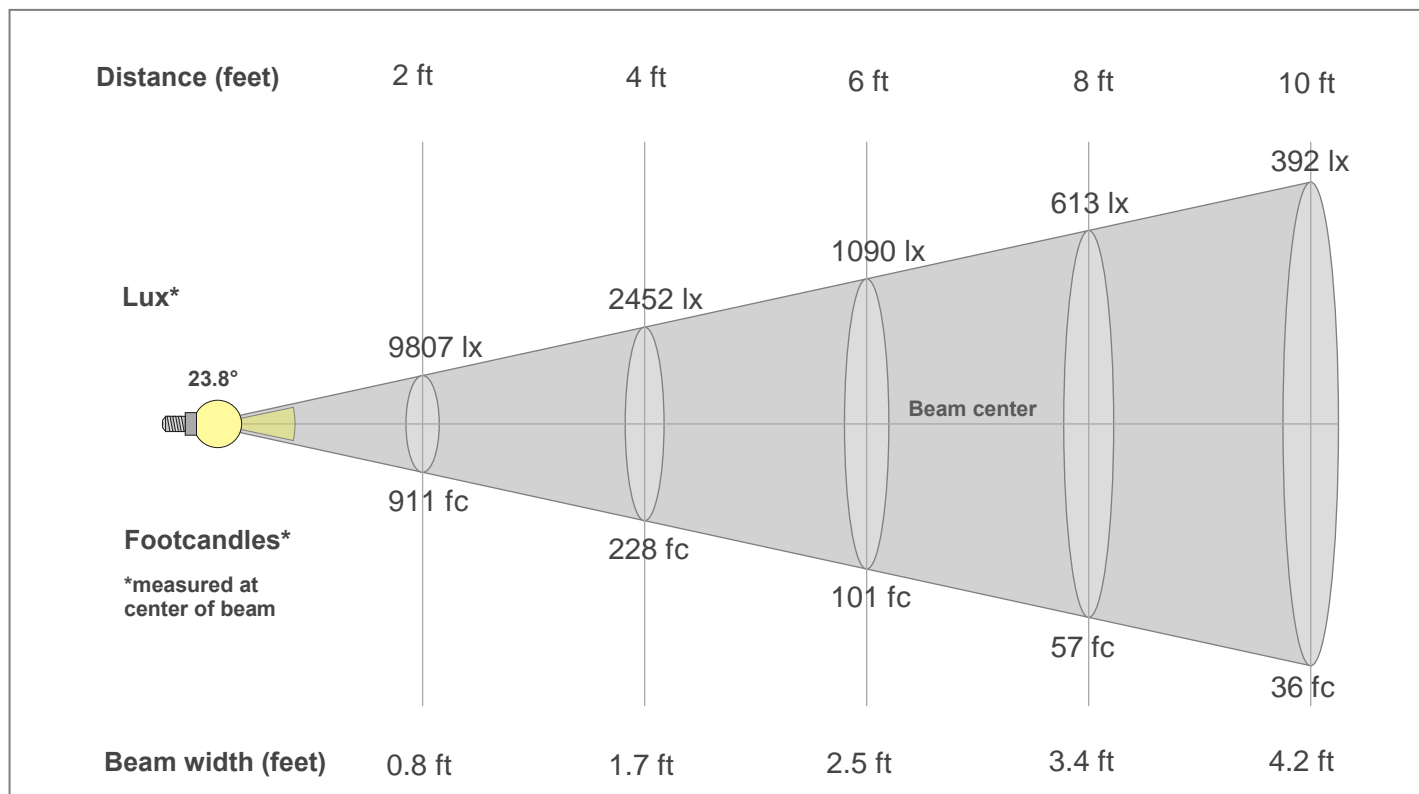
Rg 102.4

Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	97	0%	0%
2	98	0%	0%
3	97	1%	1%
4	97	-1%	-1%
5	96	0%	1%
6	96	2%	1%
7	95	1%	1%
8	97	2%	0%
9	97	1%	1%
10	96	1%	2%
11	94	2%	4%
12	93	4%	0%
13	95	2%	-3%
14	94	3%	-3%
15	94	1%	-2%
16	91	2%	-7%



Beam Details



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
3645lx	911lx	405lx	228lx	146lx	101lx	74lx	57lx	45lx	36lx	30lx	25lx	22lx	19lx	16lx	14lx	13lx	11lx	10lx	9lx
338.6fc	84.6fc	37.6fc	21.2fc	13.5fc	9.4fc	6.9fc	5.3fc	4.2fc	3.4fc	2.8fc	2.4fc	2fc	1.7fc	1.5fc	1.3fc	1.2fc	1fc	0.9fc	0.8fc

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°
3645	3572	3353	3026	2632	2208	1791	1413	1084	812	593	427	312	235	181	141	111	86	66	49
100%	98%	92%	83%	72%	61%	49%	39%	30%	22%	16%	12%	9%	6%	5%	4%	3%	2%	2%	1%

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°
3645	3577	3366	3043	2649	2227	1811	1430	1103	827	605	436	316	238	182	143	112	87	67	48
100%	98%	92%	83%	73%	61%	50%	39%	30%	23%	17%	12%	9%	7%	5%	4%	3%	2%	2%	1%

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°
3645	3572	3353	3026	2632	2208	1791	1413	1084	812	593	427	312	235	181	141	111	86	66	49
100%	98%	92%	83%	72%	61%	49%	39%	30%	22%	16%	12%	9%	6%	5%	4%	3%	2%	2%	1%

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°
3645	3577	3366	3043	2649	2227	1811	1430	1103	827	605	436	316	238	182	143	112	87	67	48
100%	98%	92%	83%	73%	61%	50%	39%	30%	23%	17%	12%	9%	7%	5%	4%	3%	2%	2%	1%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
23.8°	46.1°	67.2°	99.5%	99.0%