

## Photometric / Colorimetric / Electric Report

Fixture Model:

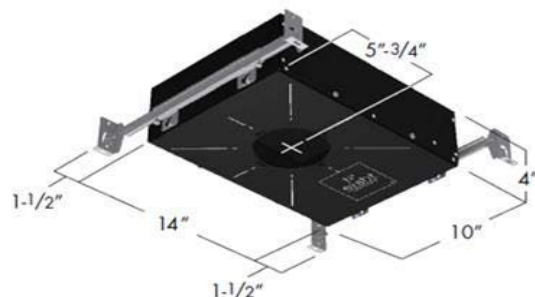
804S-J2S-HI-25-DIM1-8-1000-FS-LG-P-1-WH-NL

Trim Model:

FS-LG-P-1-WH/NL

Date:

4/4/2022



Light efficiency:

65 Lumen/Watt

Light quality:

CRI: 93.8

Color temperature:

3006 K

CIE 1931:

x: 0.439  
y: 0.408

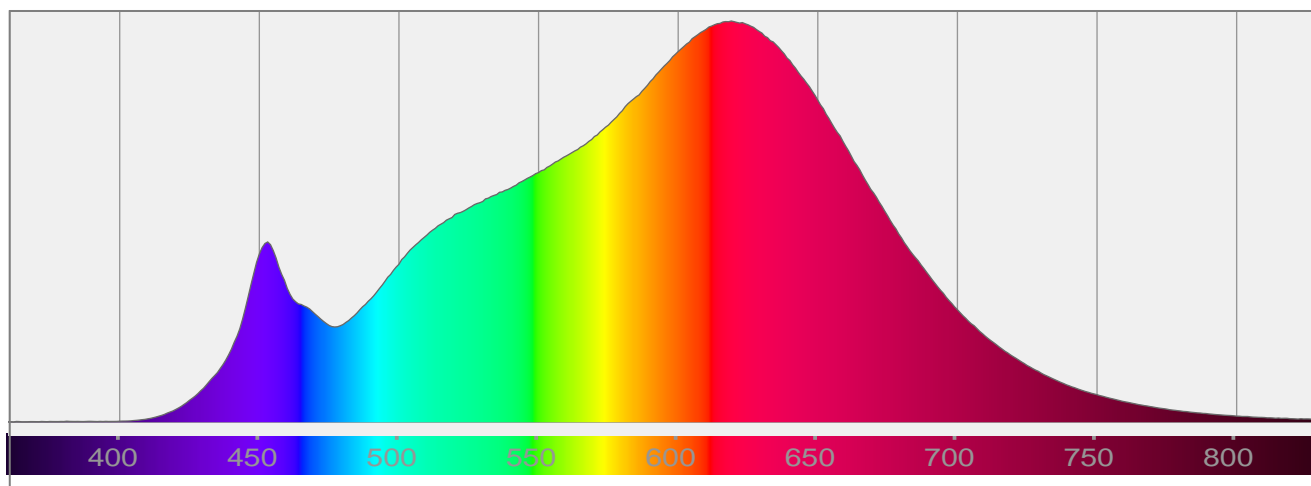
Output: 901 lm

Peak: 2935 cd

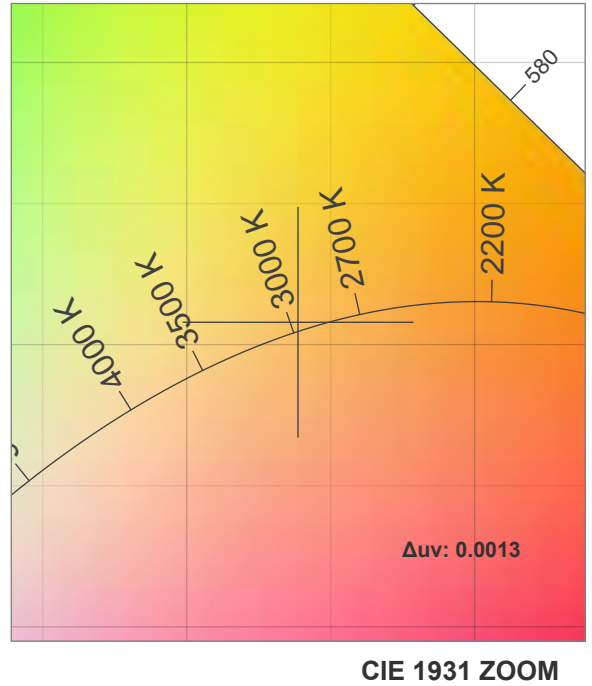
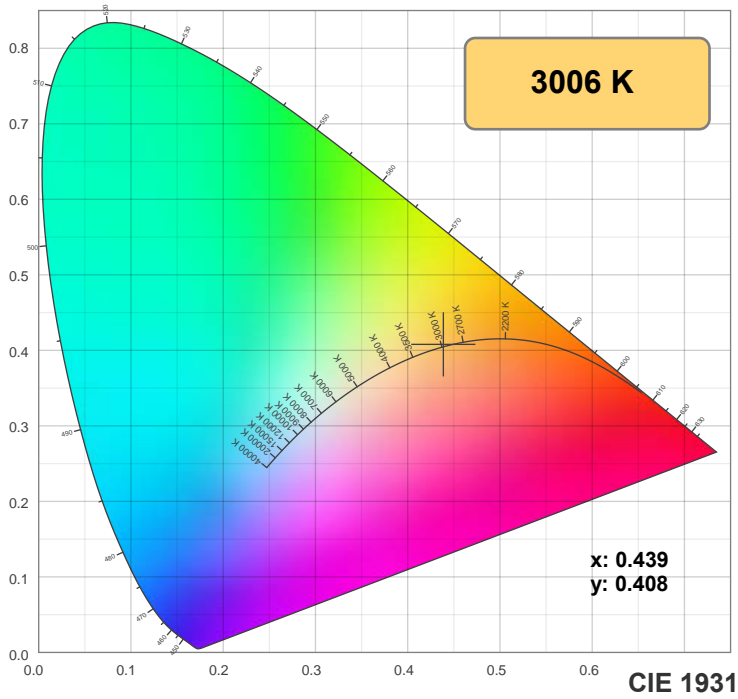
Power: 13.8 W

PF: 0.99

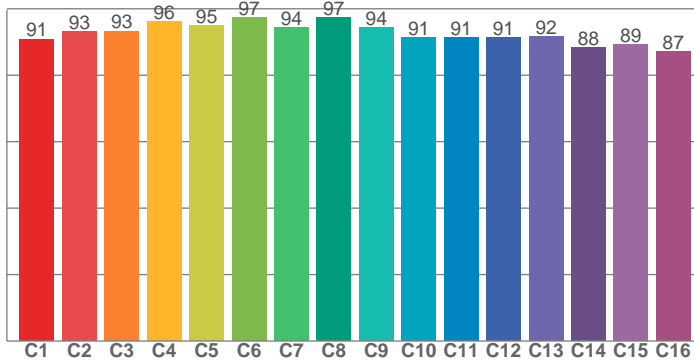
Spectra:



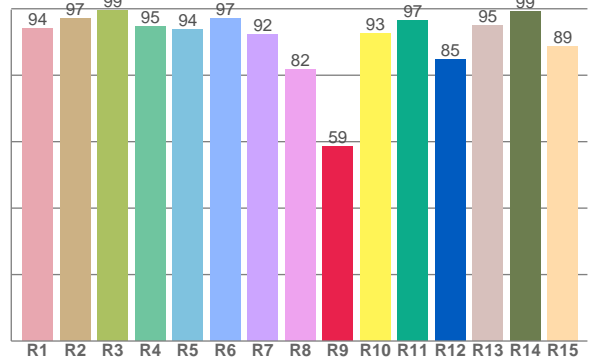
## Color Details



**TM-30: 92.8**



**CRI: 93.8 (R1-R8)**



**CRI R Values:**

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93.9	97.1	99.4	94.6	93.9	97.1	92.3	81.9	58.6	92.7	96.5	84.8	94.9	99.1	88.7

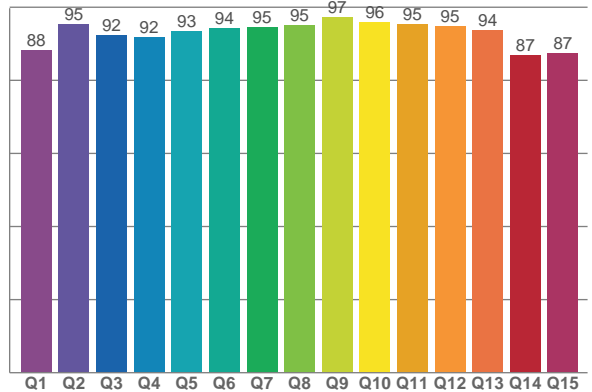
**TM30 C Values:**

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
90.9	93.2	93.3	96.1	94.9	97.4	94.4	97.4	94.2	91.4	91.4	91.3	91.5	88.4	89.2	87.2

**CQS Q values:**

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
88.1	95.3	92.3	91.7	93.5	94.3	94.6	95.1	97.2	96.0	95.4	94.8	93.8	86.8	87.3

**CQS: 92.2**



**Color Parameters:**

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
3006 K	93.8	58.6	92.8	98.0	92.2	0.439	0.408	0.250	0.349	0.0013

# TM-30 Details

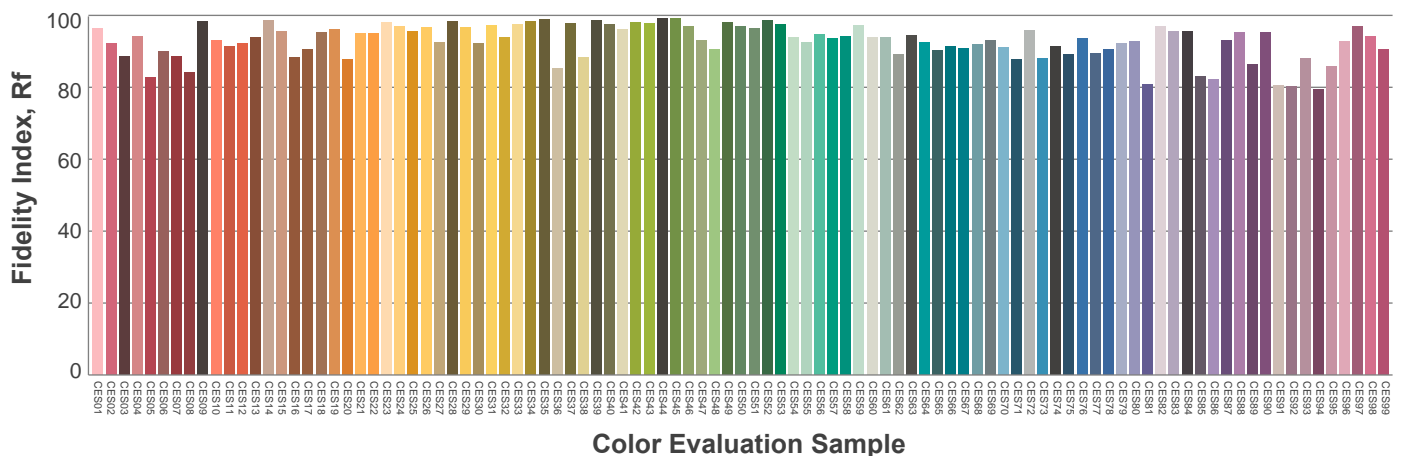
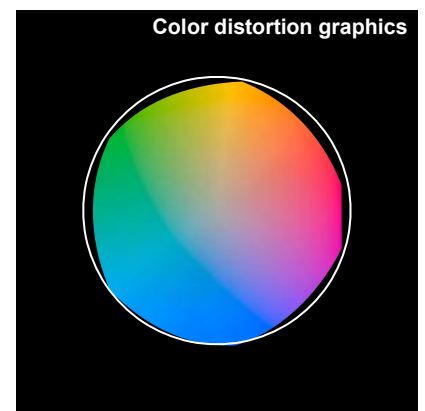
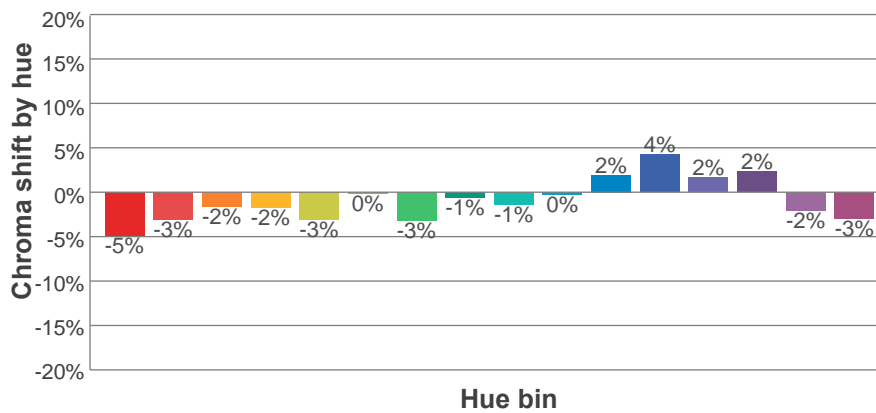
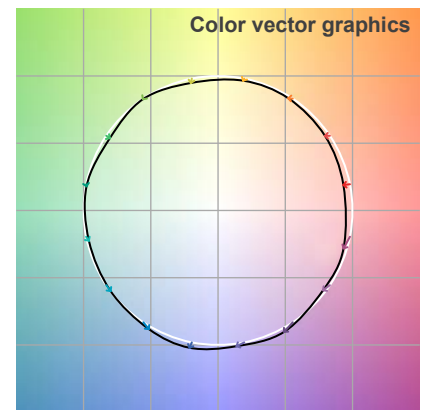
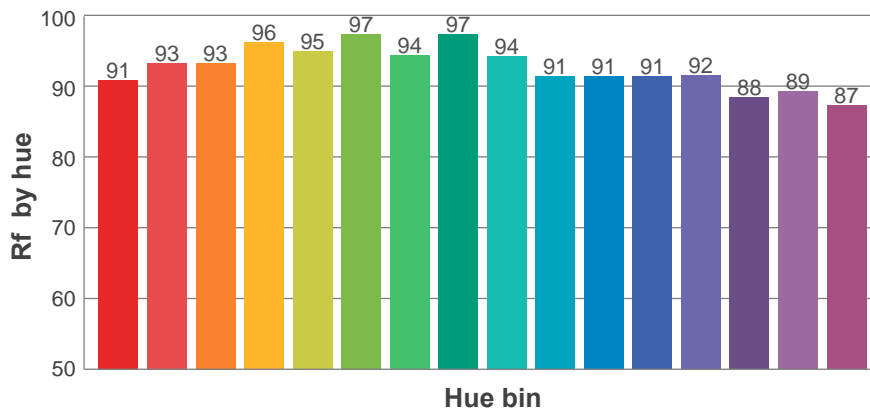
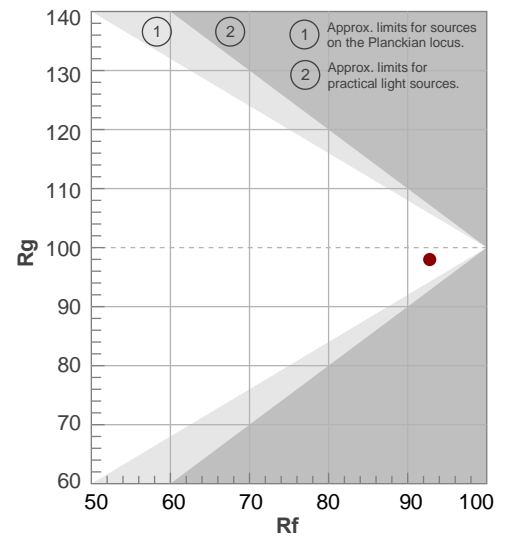
**Rf 92.8**

Fidelity index Rf

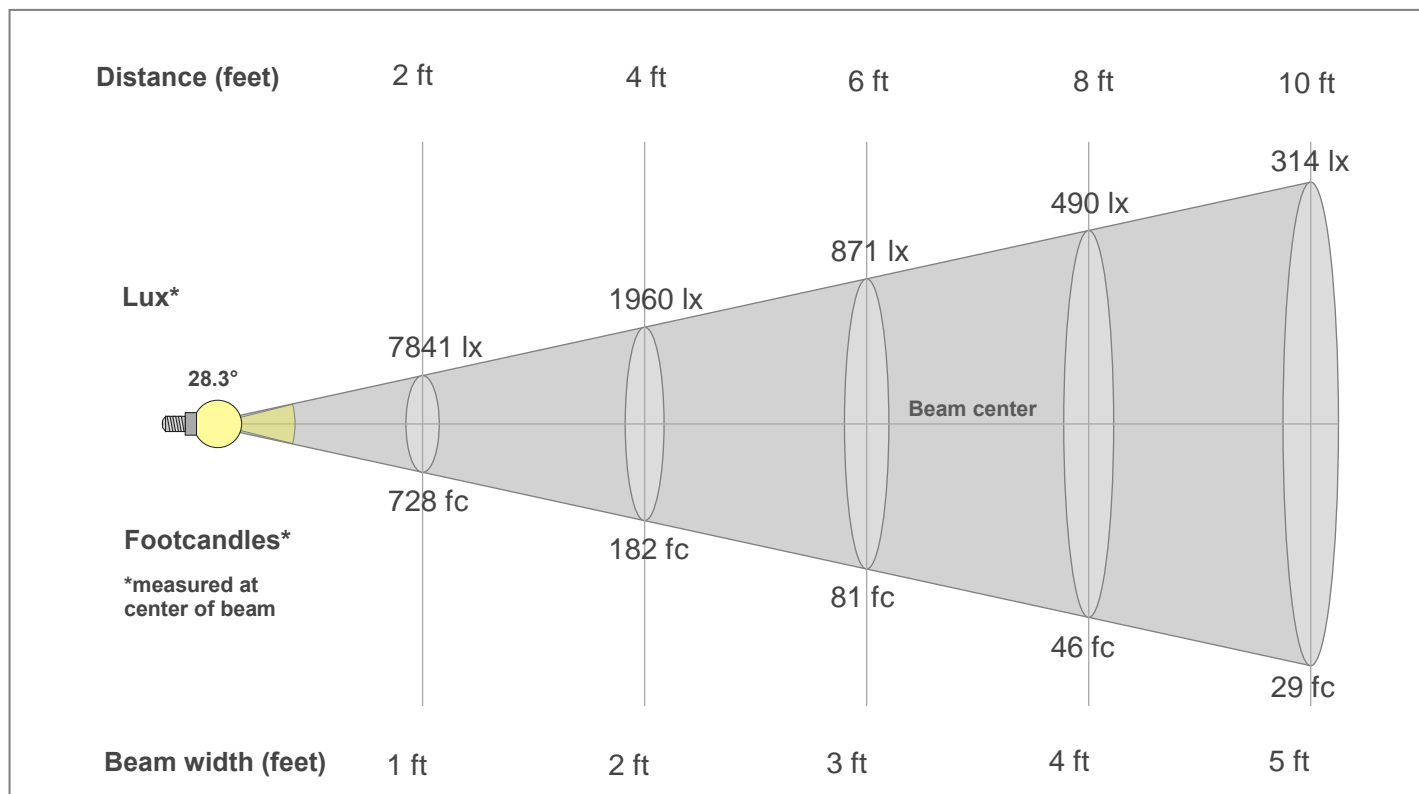
**Rg 98.0**

Gamut index Rg

Hue Bin	R <sub>f</sub>	Shifts (%)	
		Chroma	Hue
1	91	-5%	0%
2	93	-3%	2%
3	93	-2%	3%
4	96	-2%	1%
5	95	-3%	1%
6	97	0%	0%
7	94	-3%	0%
8	97	-1%	1%
9	94	-1%	3%
10	91	0%	5%
11	91	2%	6%
12	91	4%	-1%
13	92	2%	-6%
14	88	2%	-9%
15	89	-2%	-6%
16	87	-3%	-9%



## 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
2914lx	728lx	324lx	182lx	117lx	81lx	59lx	46lx	36lx	29lx	24lx	20lx	17lx	15lx	13lx	11lx	10lx	9lx	8lx	7lx
270.7fc	67.7fc	30.1fc	16.9fc	10.8fc	7.5fc	5.5fc	4.2fc	3.3fc	2.7fc	2.2fc	1.9fc	1.6fc	1.4fc	1.2fc	1.1fc	0.9fc	0.8fc	0.7fc	0.7fc

### 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°
2914	2898	2774	2576	2325	2047	1762	1488	1231	998	796	621	477	365	284	222	174	136	100	63
100%	99%	95%	88%	80%	70%	60%	51%	42%	34%	27%	21%	16%	13%	10%	8%	6%	5%	3%	2%

### 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°
2914	2854	2725	2525	2285	2011	1736	1468	1217	986	783	612	470	361	280	218	171	137	108	81
100%	98%	94%	87%	78%	69%	60%	50%	42%	34%	27%	21%	16%	12%	10%	7%	6%	5%	4%	3%

### 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°
2914	2880	2738	2530	2282	2018	1746	1488	1237	1011	810	634	487	372	289	225	175	138	111	89
100%	99%	94%	87%	78%	69%	60%	51%	42%	35%	28%	22%	17%	13%	10%	8%	6%	5%	4%	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°
2914	2854	2725	2525	2285	2011	1736	1468	1217	986	783	612	470	361	280	218	171	137	108	81
100%	98%	94%	87%	78%	69%	60%	50%	42%	34%	27%	21%	16%	12%	10%	7%	6%	5%	4%	3%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
28.3°	55.5°	77.1°	99.4%	98.7%