

Photometric / Colorimetric / Electric Report

Fixture Model:

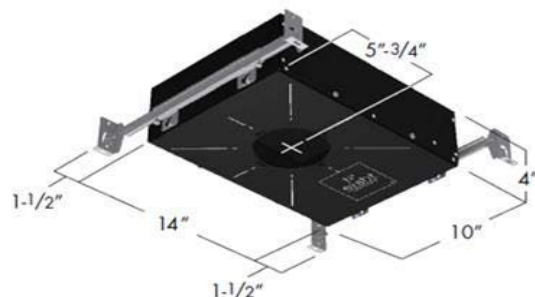
804S-J2S-HI-15-DIM1-8-1400-FS-LG-P-1-WH-NL

Trim Model:

FS-LG-P-1-WH/NL

Date:

4/1/2022



Light efficiency:

69 Lumen/Watt

Light quality:

CRI: 93.3

Color temperature:

3002 K

CIE 1931:

x: 0.439
y: 0.409

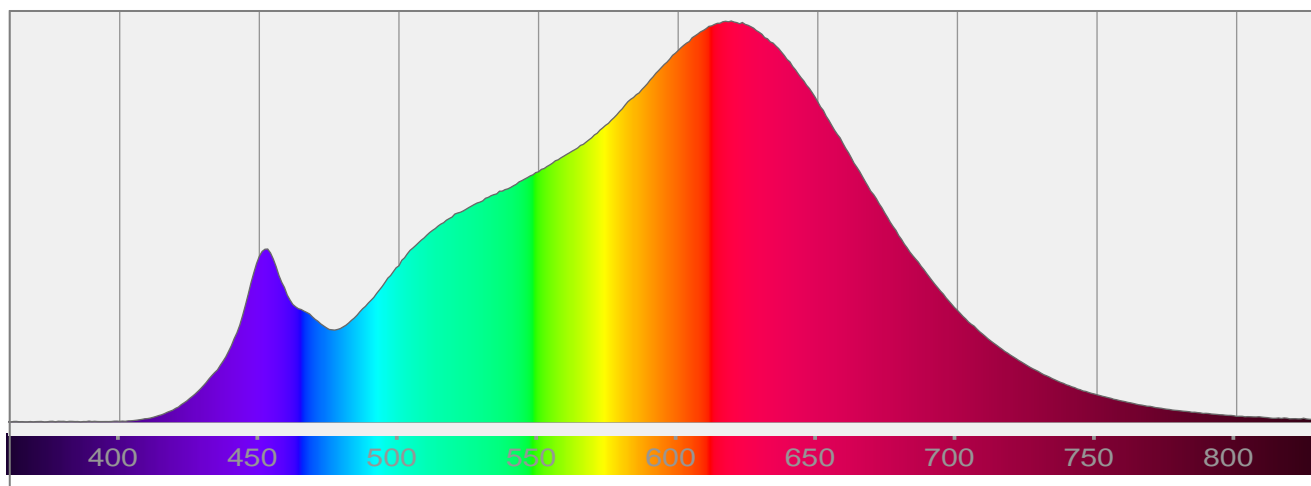
Output: 1357 lm

Peak: 7527 cd

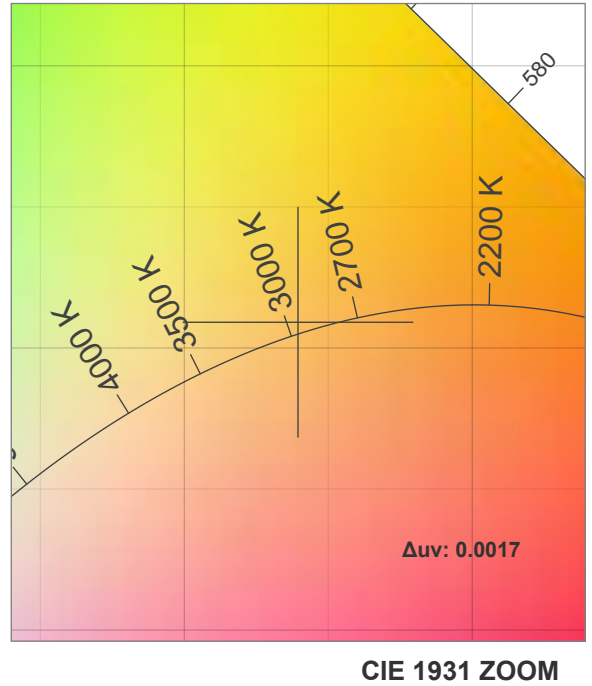
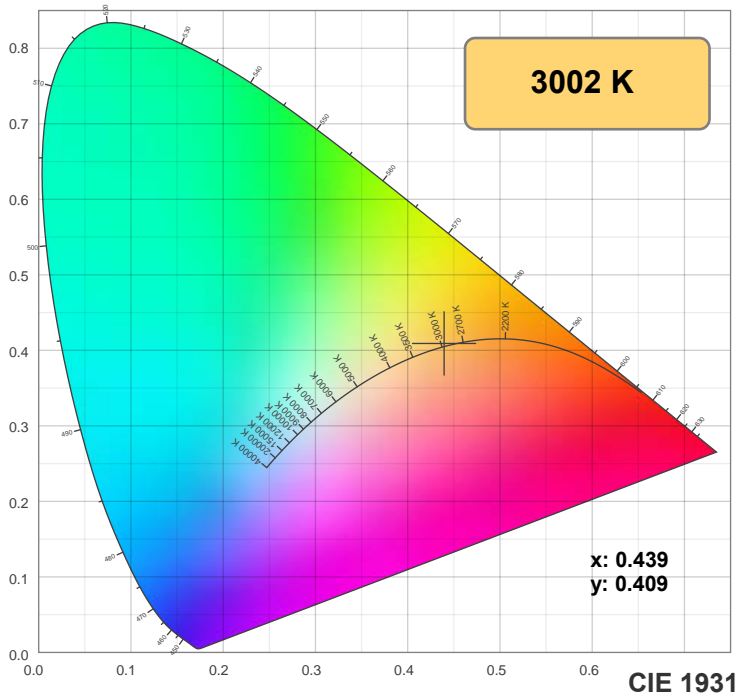
Power: 19.8 W

PF: 0.99

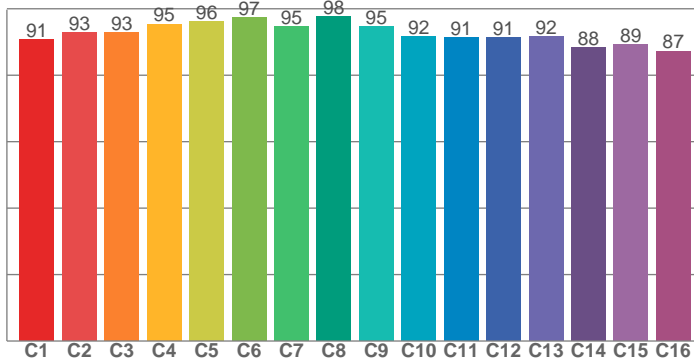
Spectra:



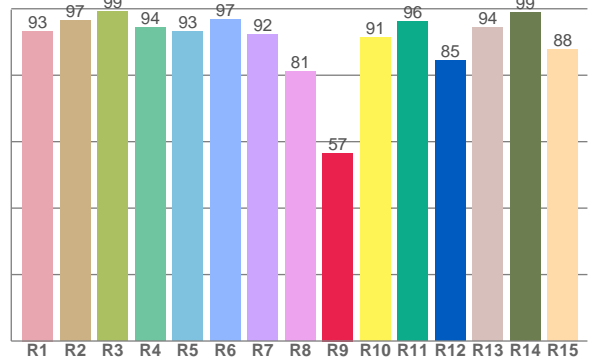
Color Details



TM-30: 92.8



CRI: 93.3 (R1-R8)



CRI R Values:

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93.3	96.5	99.2	94.3	93.3	96.7	92.3	81.2	56.6	91.5	96.1	84.6	94.3	98.9	87.9

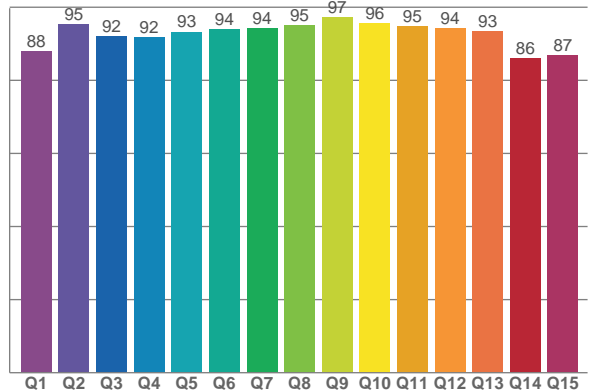
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
90.6	92.9	92.8	95.4	96.2	97.4	94.6	97.6	94.6	91.7	91.4	91.4	91.7	88.4	89.2	87.2

CQS Q values:

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
87.8	95.4	92.1	91.7	93.3	93.9	94.2	95.1	97.3	95.6	94.9	94.4	93.5	86.2	86.8

CQS: 91.9



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
3002 K	93.3	56.6	92.8	98.0	91.9	0.439	0.409	0.250	0.349	0.0017

TM-30 Details

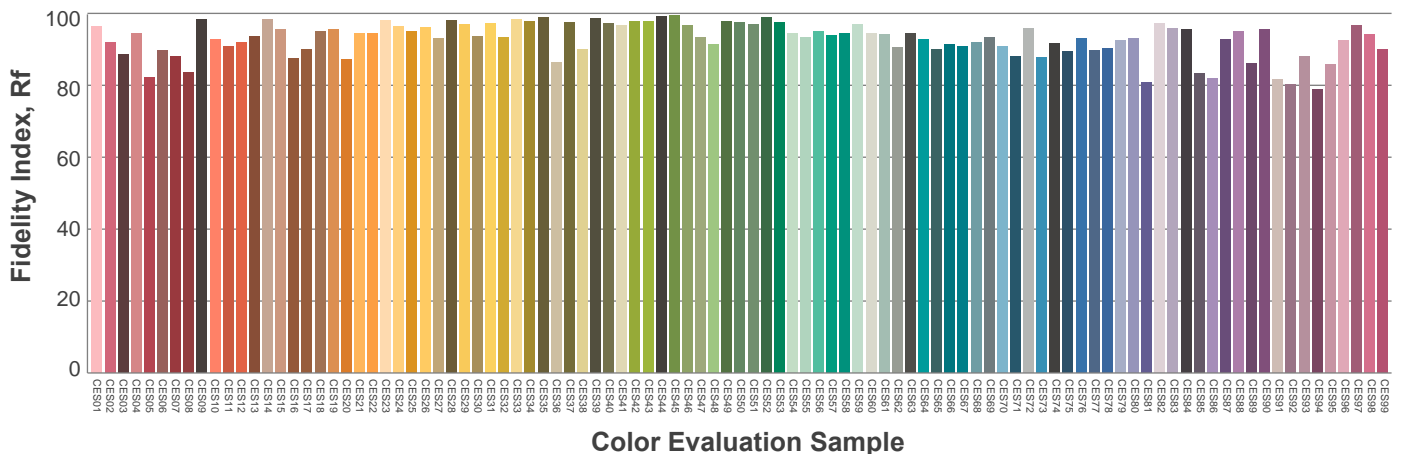
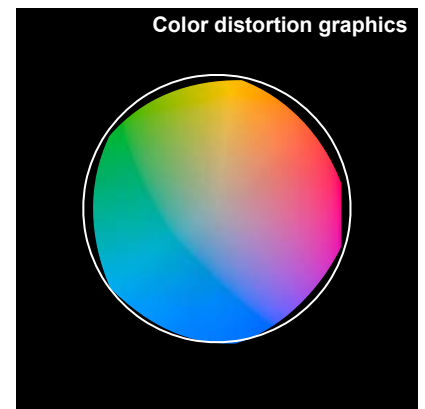
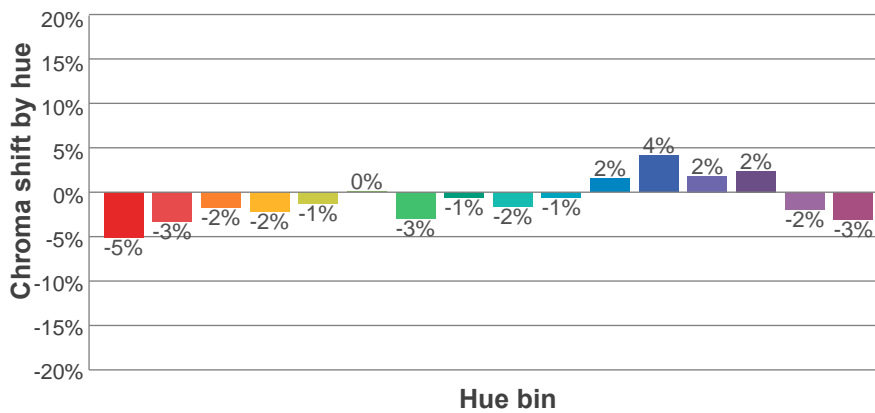
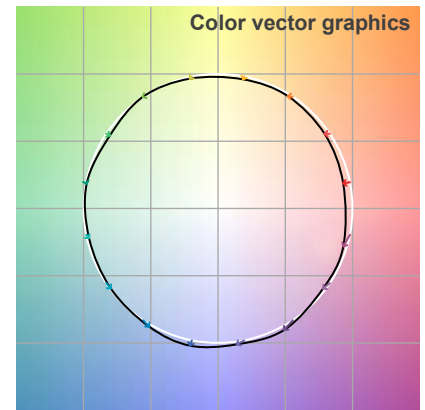
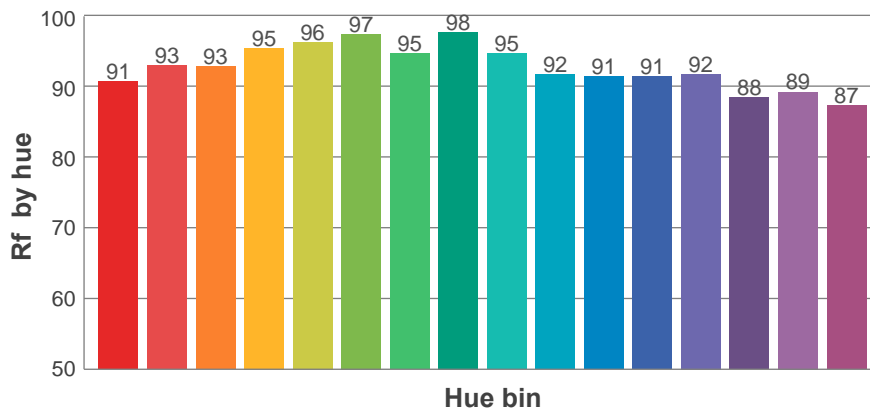
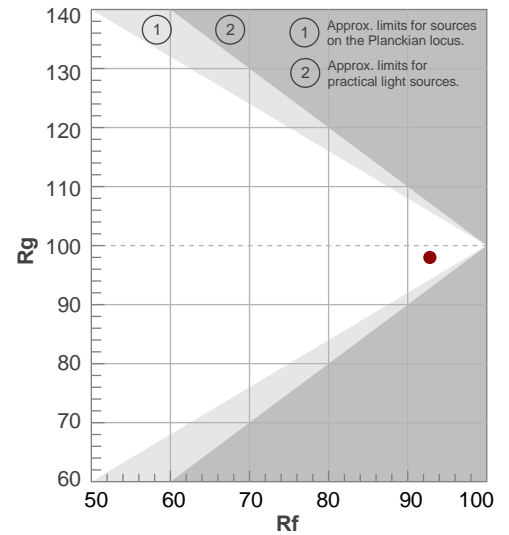
Rf 92.8

Fidelity index Rf

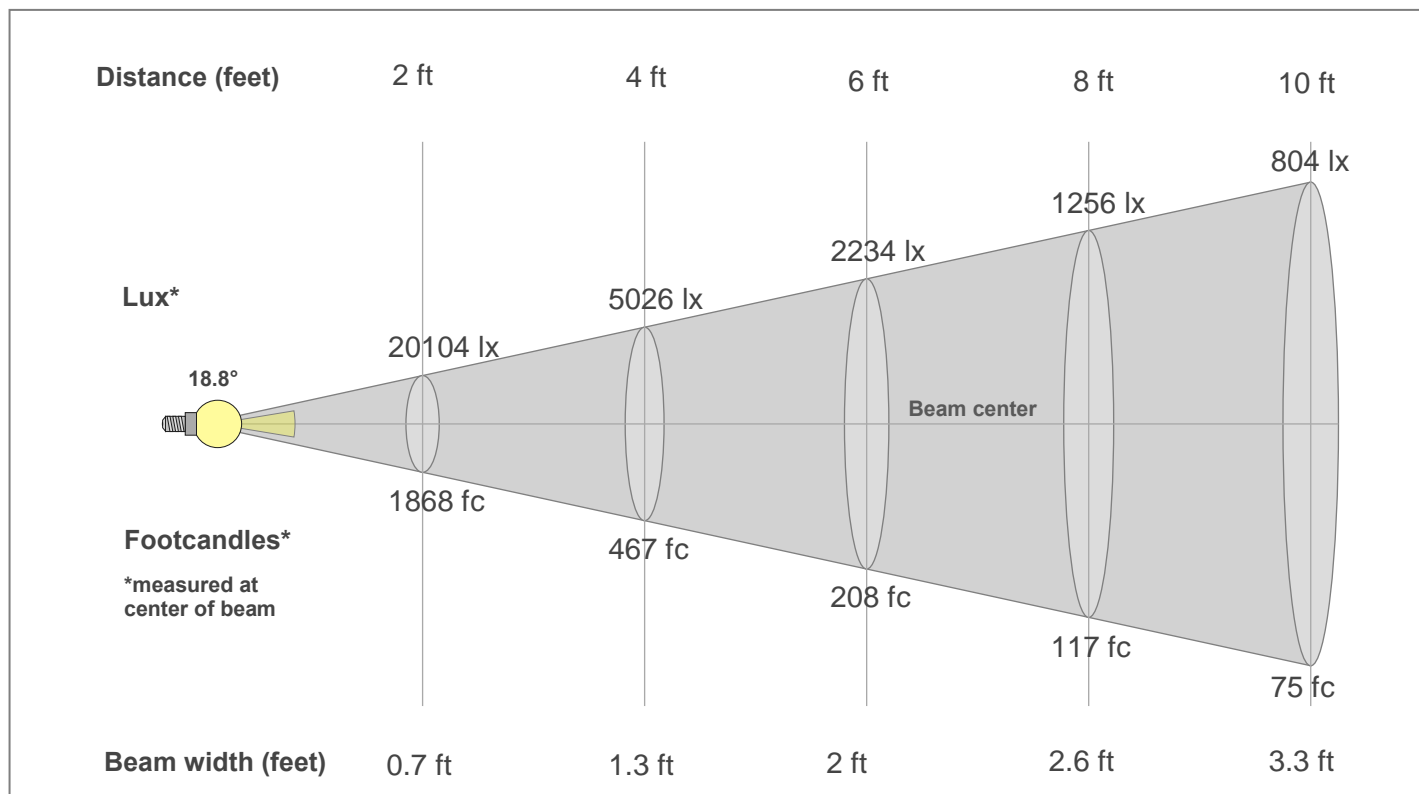
Rg 98.0

Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	91	-5%	0%
2	93	-3%	2%
3	93	-2%	3%
4	95	-2%	0%
5	96	-1%	2%
6	97	0%	0%
7	95	-3%	-1%
8	98	-1%	1%
9	95	-2%	3%
10	92	-1%	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
7471lx	1868lx	830lx	467lx	299lx	208lx	152lx	117lx	92lx	75lx	62lx	52lx	44lx	38lx	33lx	29lx	26lx	23lx	21lx	19lx
694.1fc	173.5fc	77.1fc	43.4fc	27.8fc	19.3fc	14.2fc	10.8fc	8.6fc	6.9fc	5.7fc	4.8fc	4.1fc	3.5fc	3.1fc	2.7fc	2.4fc	2.1fc	1.9fc	1.7fc

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°
7471	7233	6501	5501	4426	3457	2666	2058	1598	1245	972	750	575	441	344	271	217	171	118	78
100%	97%	87%	74%	59%	46%	36%	28%	21%	17%	13%	10%	8%	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°
7471	7161	6457	5459	4418	3453	2678	2069	1604	1243	957	739	566	431	331	260	205	165	125	91
100%	96%	86%	73%	59%	46%	36%	28%	21%	17%	13%	10%	8%	6%	4%	3%	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°
7471	7256	6512	5491	4408	3458	2653	2045	1566	1209	935	723	554	421	325	250	199	158	124	96
100%	97%	87%	74%	59%	46%	36%	27%	21%	16%	13%	10%	7%	6%	4%	3%	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°
7471	7161	6457	5459	4418	3453	2678	2069	1604	1243	957	739	566	431	331	260	205	165	125	91
100%	96%	86%	73%	59%	46%	36%	28%	21%	17%	13%	10%	8%	6%	4%	3%	3%	2%	2%	1%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
18.8°	43.8°	65.8°	99.4%	98.8%