

Photometric / Colorimetric / Electric Report

Fixture Model:

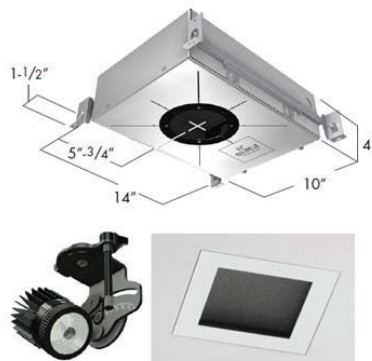
804S-J2S-TW-15T-3000K-EL3-8-700-FS-LG-P-1-WH-NL

Trim Model:

FS-LG-P-1-WH/NL

Date:

7/30/2020



Light efficiency:

71 Lumen/Watt

Light quality:

CRI: 95.5

Color temperature:

2995 K

CIE 1931:

x: 0.430
y: 0.390

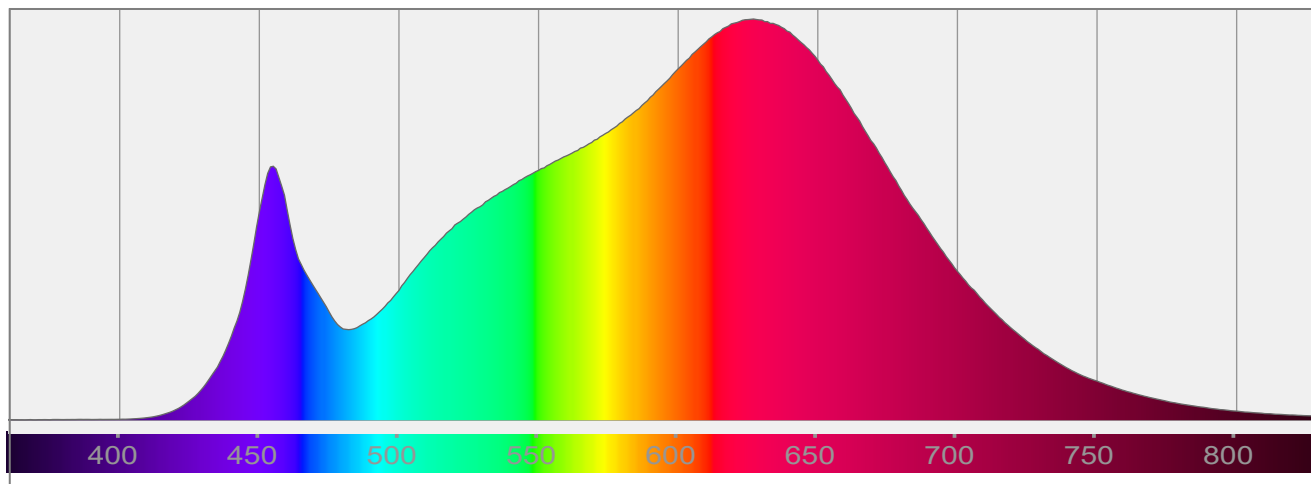
Output: 1018 lm

Peak: 5613 cd

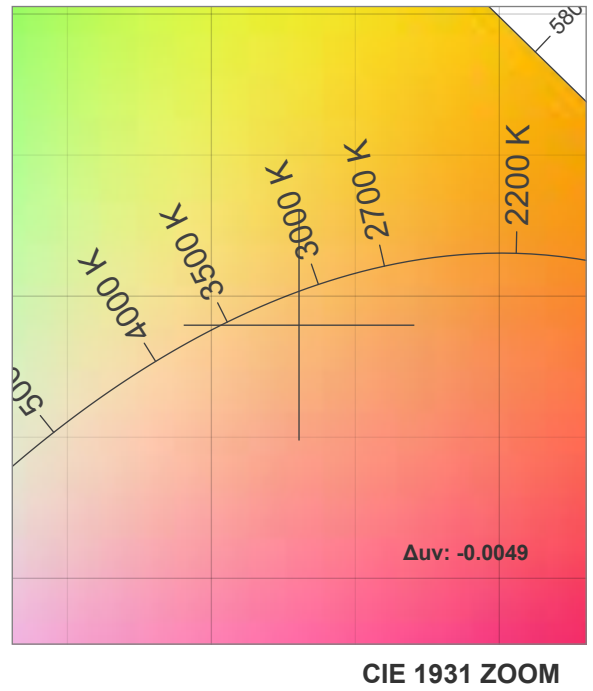
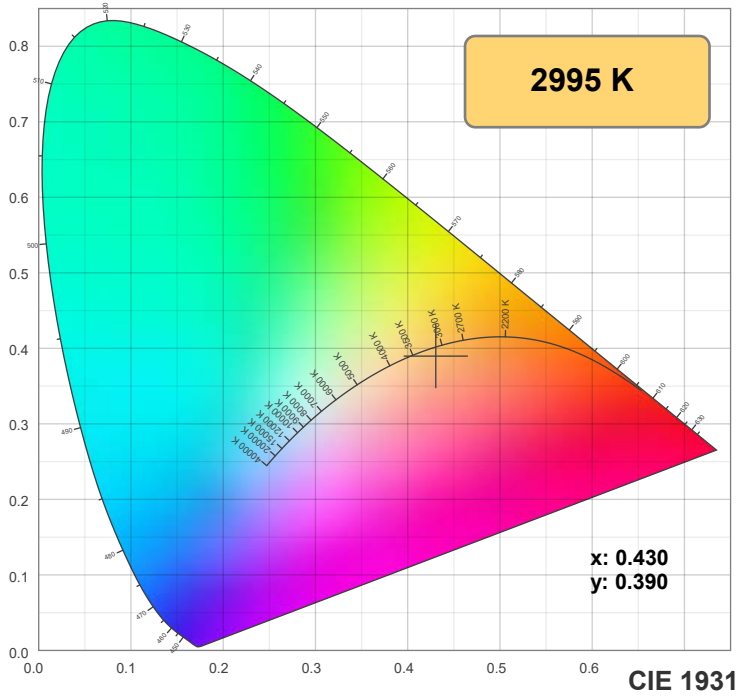
Power: 14.3 W

PF: 0.99

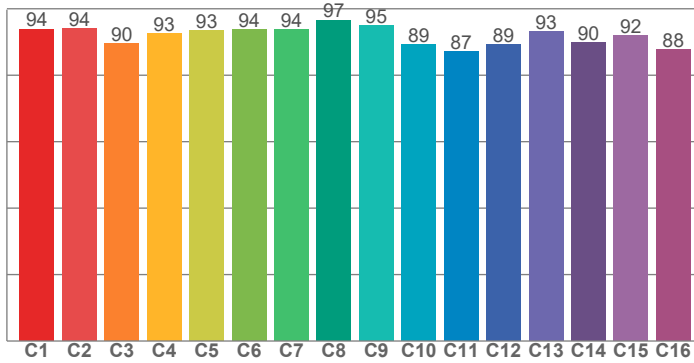
Spectra:



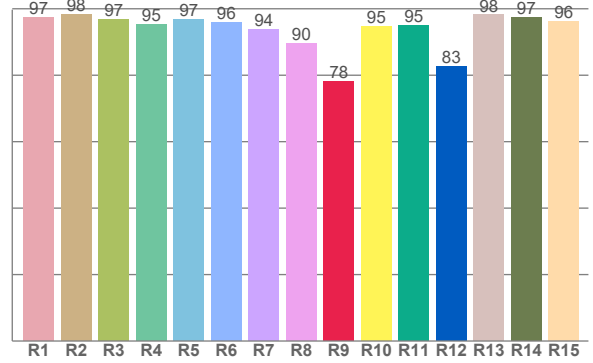
Color Details



TM-30: 91.9



CRI: 95.5 (R1-R8)



CRI R Values:

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.4	98.3	96.8	95.3	96.7	95.8	93.7	89.7	78.2	94.6	94.9	82.5	98.1	97.4	96.1

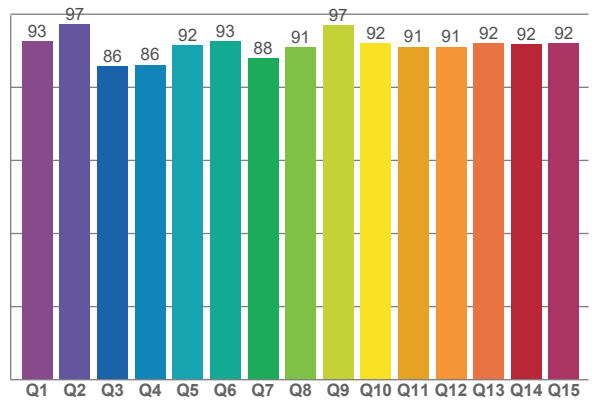
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
93.9	94.0	89.5	92.6	93.5	93.7	93.8	96.6	95.0	89.3	87.0	89.2	93.3	89.8	92.0	87.7

CQS Q values:

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
92.6	97.3	85.8	86.2	91.6	92.7	88.1	91.1	97.1	92.1	91.1	91.1	92.1	91.8	91.9

CQS: 90.8



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
2995 K	95.5	78.2	91.9	102.1	90.8	0.430	0.390	0.253	0.343	-0.0049

TM-30 Details

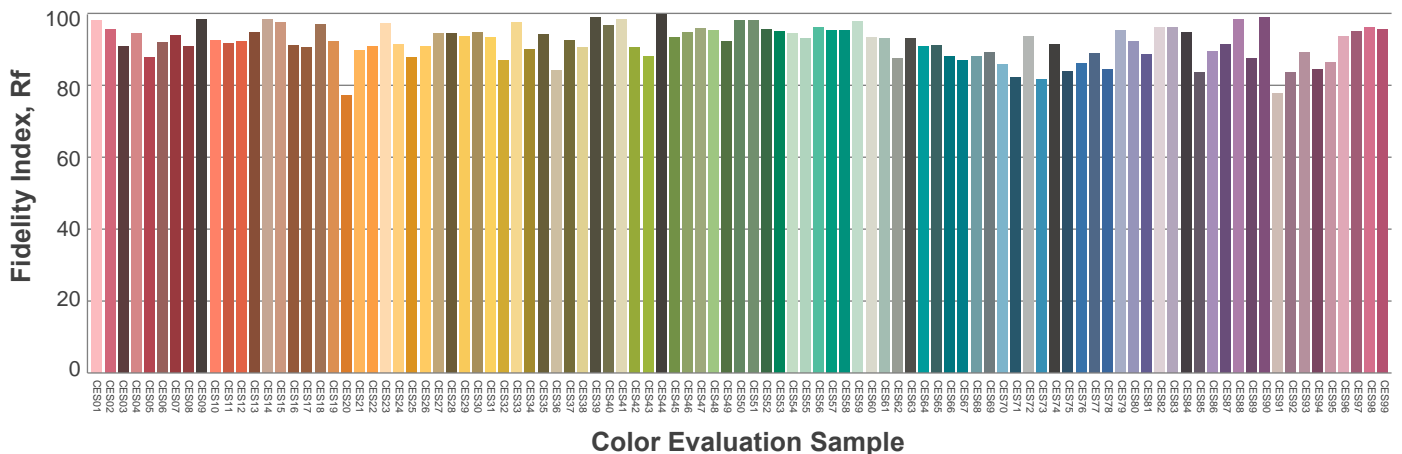
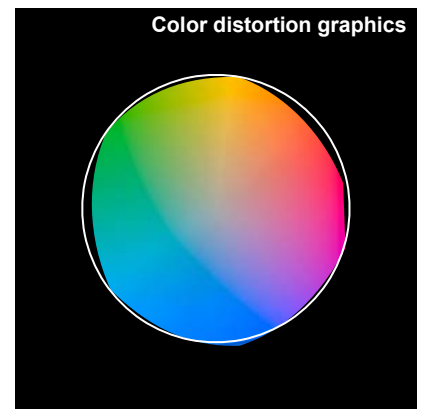
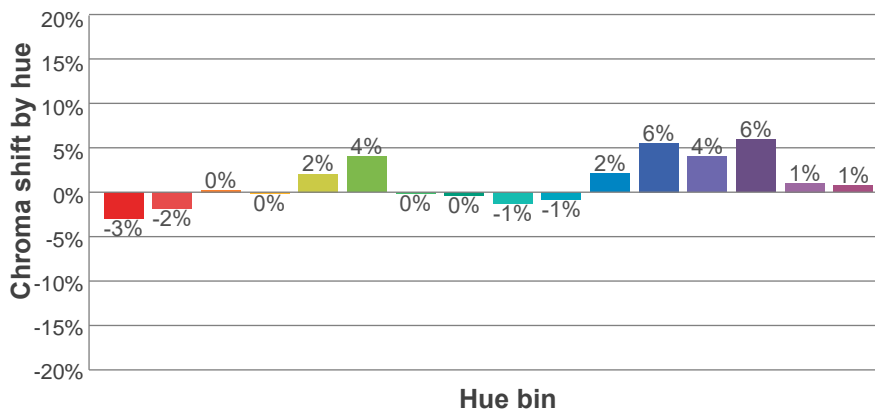
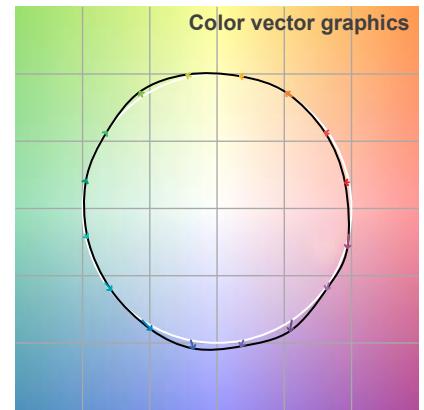
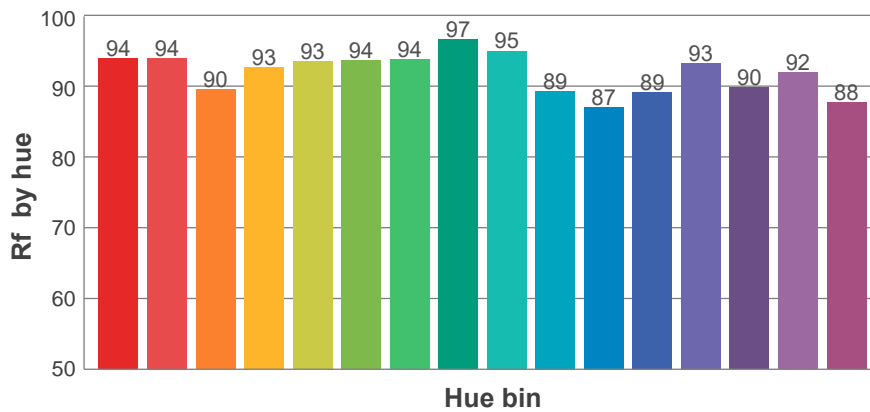
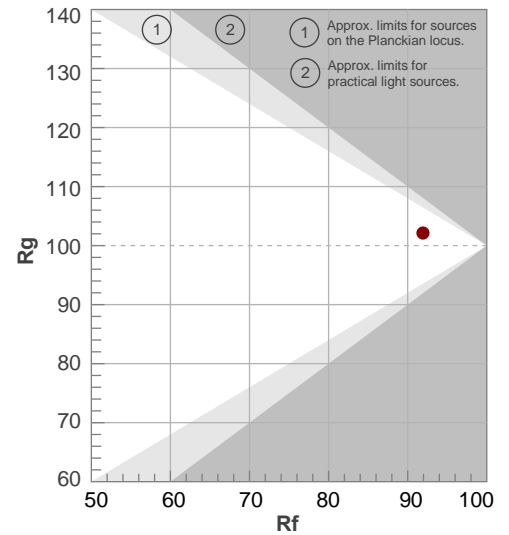
Rf 91.9

Fidelity index Rf

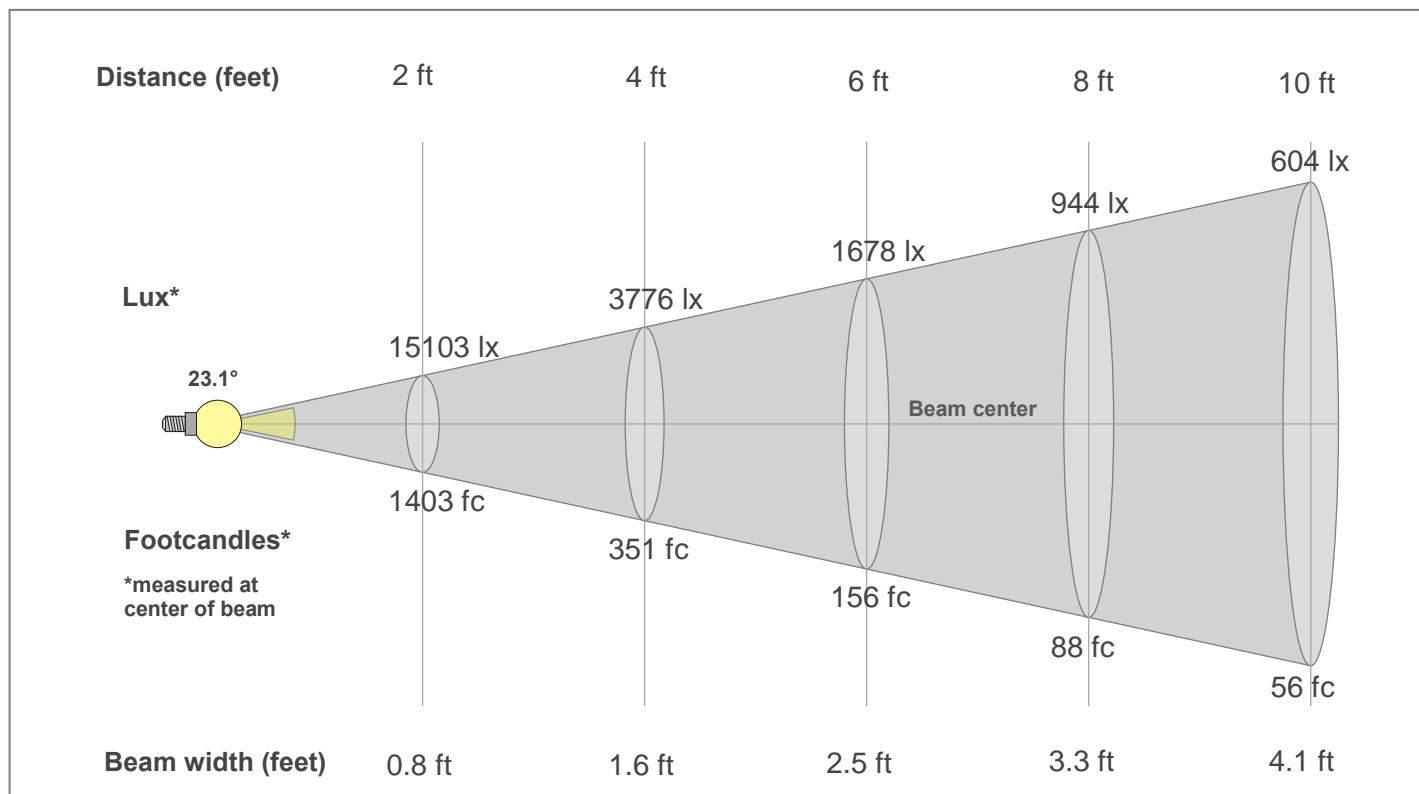
Rg 102.1

Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	94	-3%	0%
2	94	-2%	3%
3	90	0%	5%
4	93	0%	3%
5	93	2%	3%
6	94	4%	0%
7	94	0%	-2%
8	97	0%	-2%
9	95	-1%	2%
10	89	-1%	7%
11	87	2%	10%
12	89	6%	3%
13	93	4%	-3%
14	90	6%	-6%
15	92	1%	-5%
16	88	1%	-10%



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
5613lx	1403lx	624lx	351lx	225lx	156lx	115lx	88lx	69lx	56lx	46lx	39lx	33lx	29lx	25lx	22lx	19lx	17lx	16lx	14lx
521.4fc	130.4fc	57.9fc	32.6fc	20.9fc	14.5fc	10.6fc	8.1fc	6.4fc	5.2fc	4.3fc	3.6fc	3.1fc	2.7fc	2.3fc	2fc	1.8fc	1.6fc	1.4fc	1.3fc

Intensities in 0° c-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
5613	5586	5510	5387	5220	5013	4765	4474	4150	3796	3416	3025	2644	2273	1921	1594	1304	1052	841	670
100%	100%	98%	96%	93%	89%	85%	80%	74%	68%	61%	54%	47%	40%	34%	28%	23%	19%	15%	12%

Intensities in 90° c-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
5613	5586	5510	5387	5220	5013	4765	4474	4150	3796	3416	3025	2644	2273	1921	1594	1304	1052	841	670
100%	100%	98%	96%	93%	89%	85%	80%	74%	68%	61%	54%	47%	40%	34%	28%	23%	19%	15%	12%

Intensities in 180° c-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
5613	5586	5510	5387	5220	5013	4765	4474	4150	3796	3416	3025	2644	2273	1921	1594	1304	1052	841	670
100%	100%	98%	96%	93%	89%	85%	80%	74%	68%	61%	54%	47%	40%	34%	28%	23%	19%	15%	12%

Intensities in 270° c-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
5613	5586	5510	5387	5220	5013	4765	4474	4150	3796	3416	3025	2644	2273	1921	1594	1304	1052	841	670
100%	100%	98%	96%	93%	89%	85%	80%	74%	68%	61%	54%	47%	40%	34%	28%	23%	19%	15%	12%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
23.1°	39.6°	53.9°	99.8%	99.4%