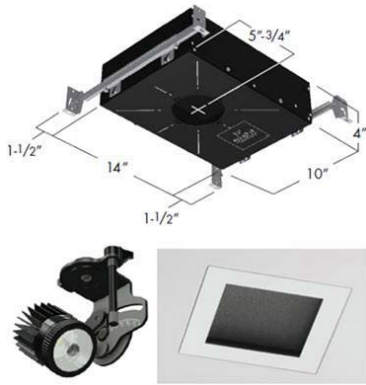


Photometric / Colorimetric / Electric Report

Fixture Model:
804S-J2S-WD-4-40-PR1-8-350-FS-LG-P-1-WH-NL

Trim Model:
FS-LG-P-1-WH/NL

Date:
8/6/2024



Light efficiency:
58 Lumen/Watt

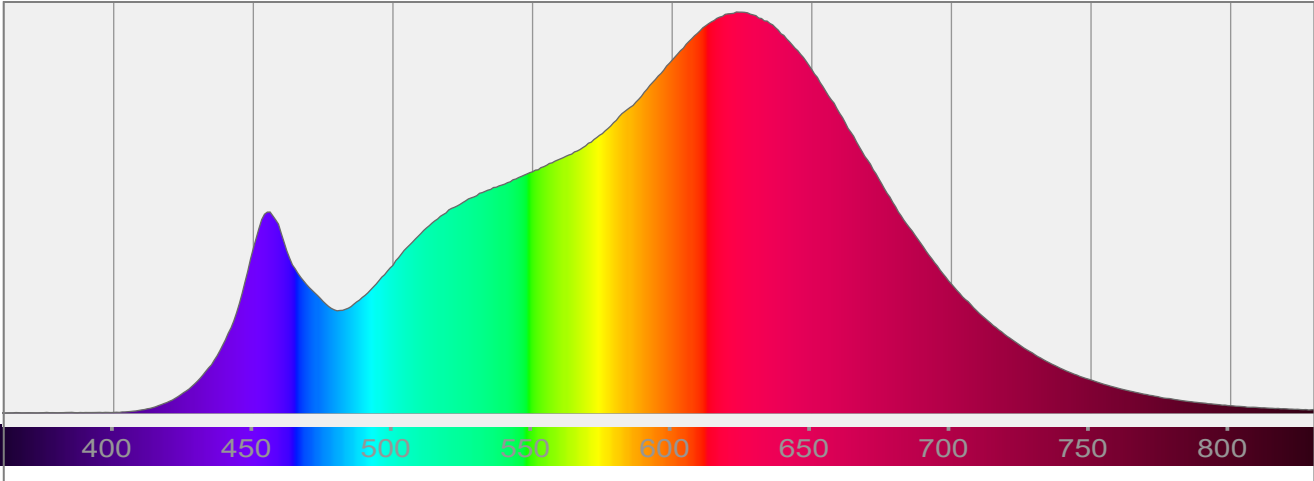
Light quality:
CRI: 96.5

Color temperature:
2997 K

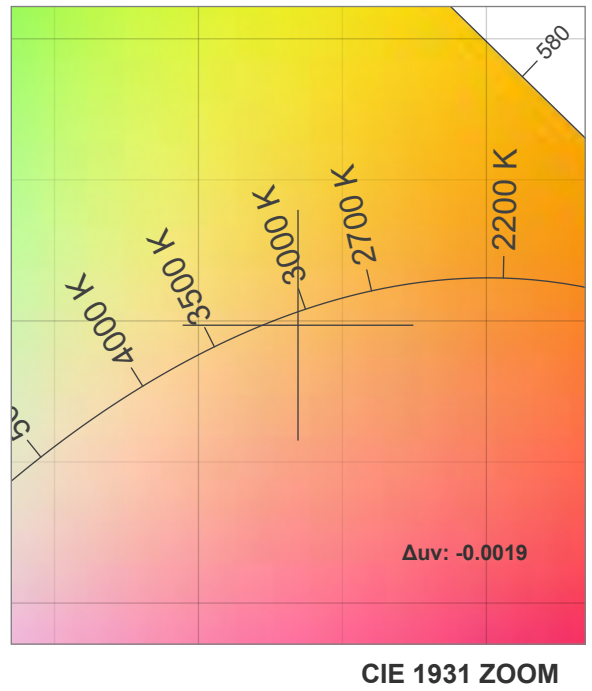
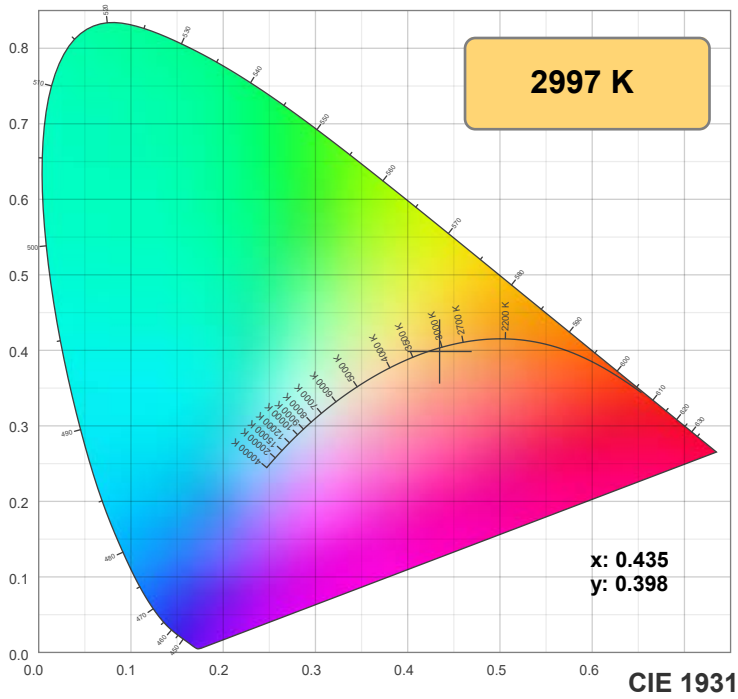
CIE 1931:
x: 0.435
y: 0.398

Output:	845 lm
Peak:	1841 cd
Power:	14.5 W
PF:	0.99

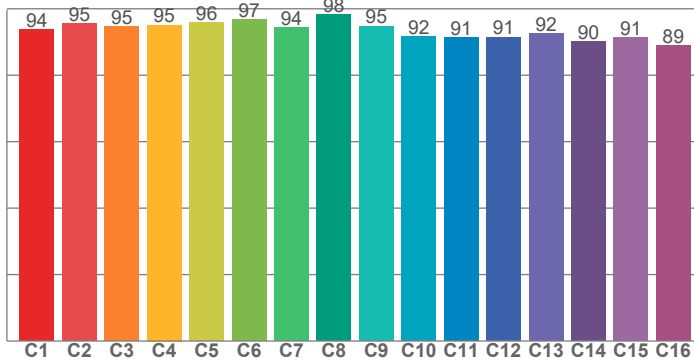
Spectra:



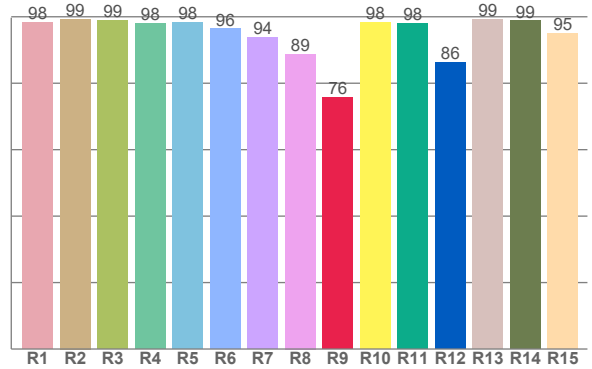
Color Details



TM-30: 93.7



CRI: 96.5 (R1-R8)



CRI R Values:

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.4	99.3	98.9	98.0	98.2	96.3	93.9	88.8	75.7	98.2	97.9	86.2	99.3	98.7	95.1

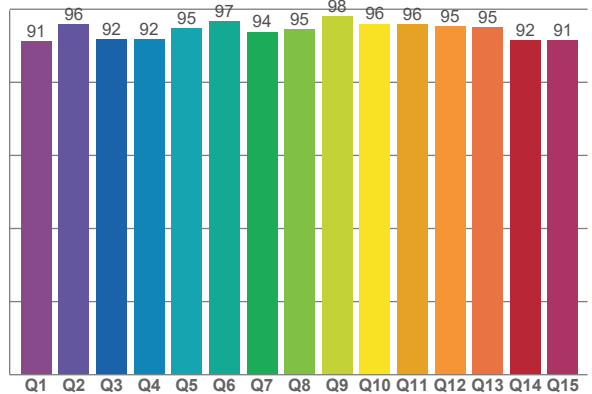
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
93.7	95.5	94.7	95.1	95.8	96.8	94.3	98.3	94.8	91.8	91.3	91.5	92.5	90.2	91.2	88.9

CQS Q values:

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
91.3	95.9	91.7	91.8	94.7	96.7	93.8	94.6	98.0	96.0	95.9	95.4	95.0	91.6	91.4

CQS: 93.7



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
2997 K	96.5	75.7	93.7	100.1	93.7	0.435	0.398	0.251	0.346	-0.0019

TM-30 Details

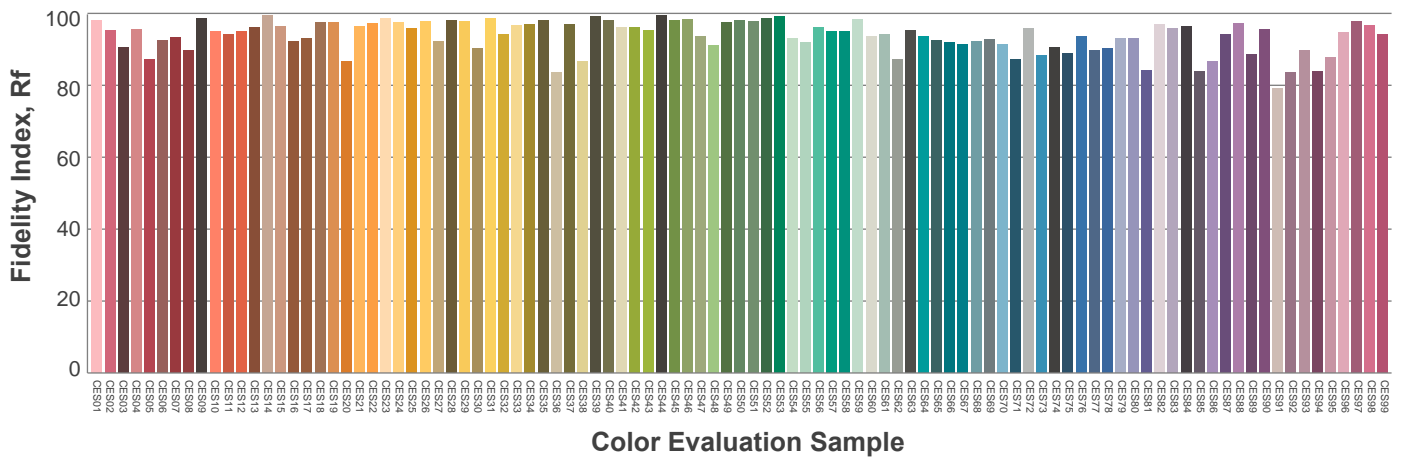
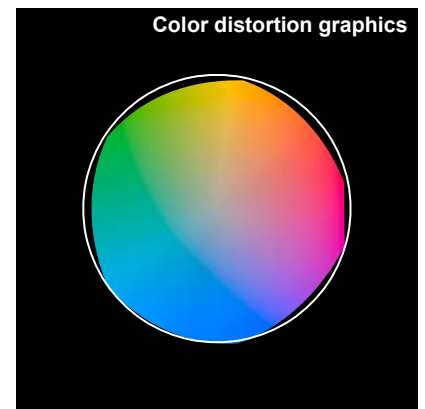
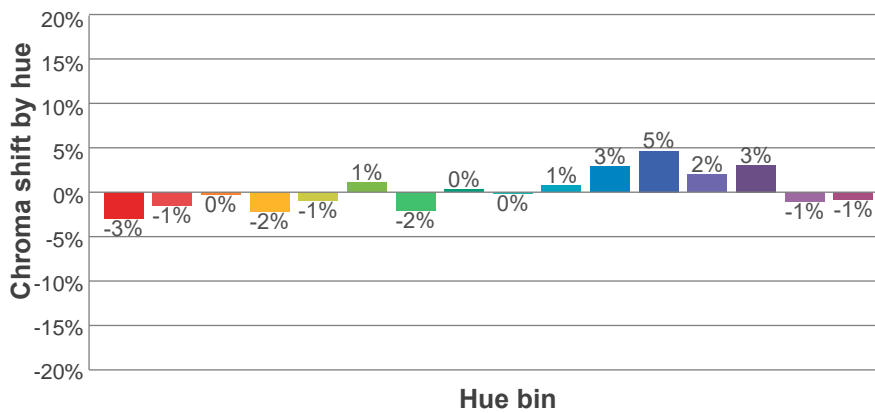
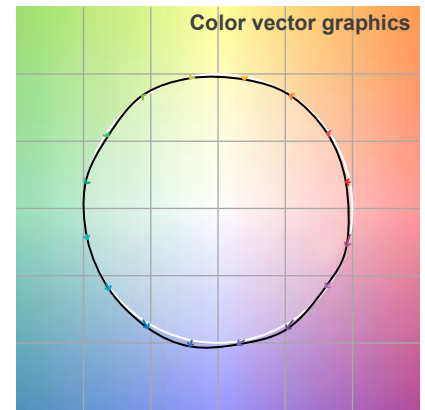
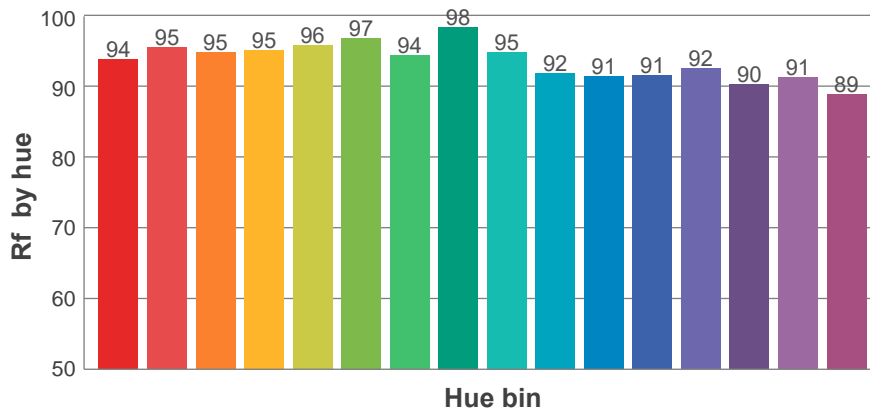
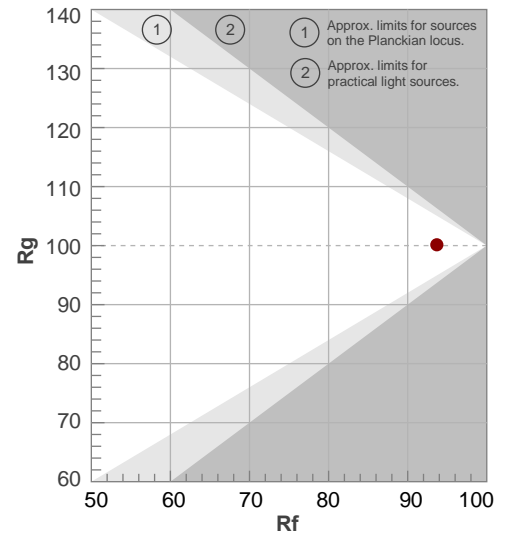
Rf 93.7

Fidelity index Rf

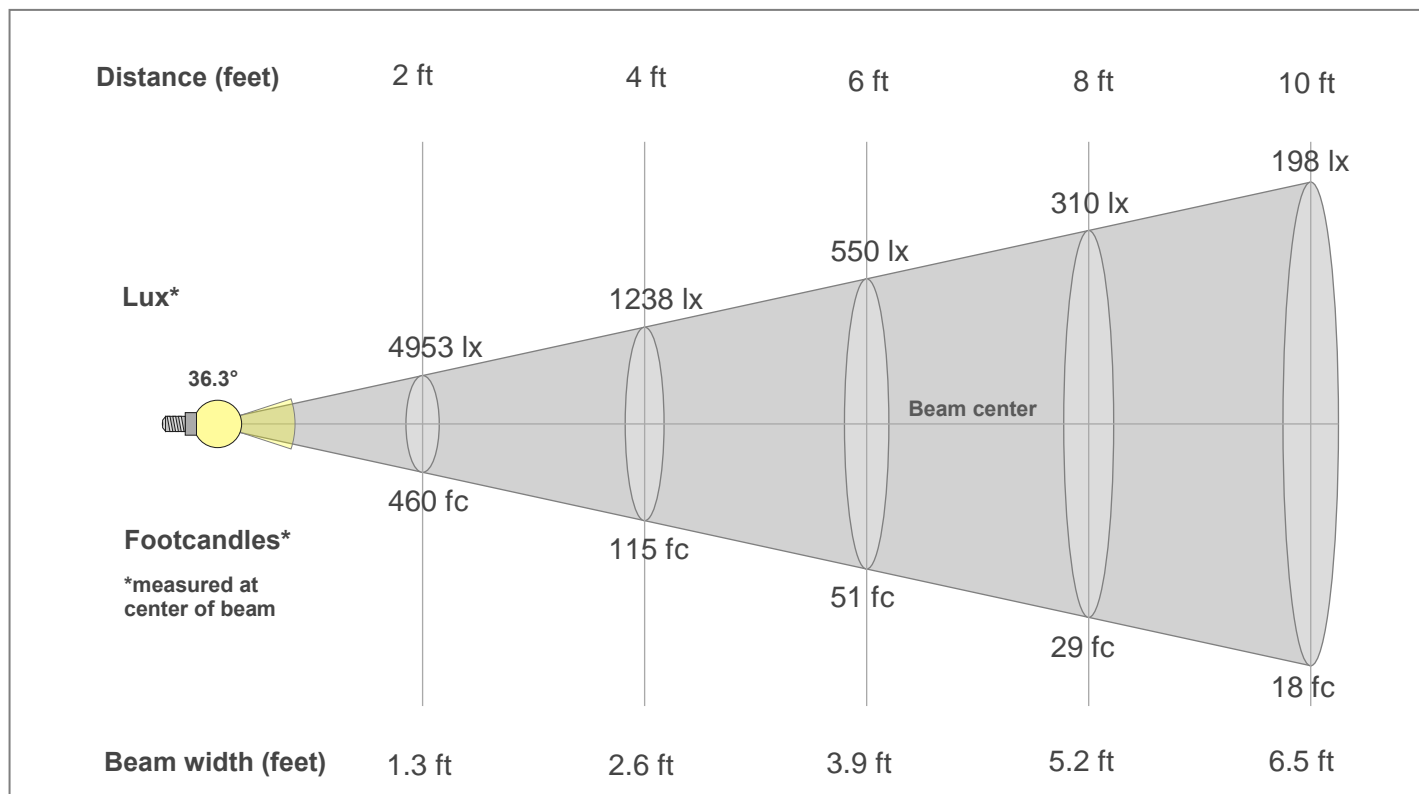
Rg 100.1

Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	94	-3%	1%
2	95	-1%	1%
3	95	0%	2%
4	95	-2%	-1%
5	96	-1%	1%
6	97	1%	1%
7	94	-2%	1%
8	98	0%	1%
9	95	0%	3%
10	92	1%	5%
11	91	3%	6%
12	91	5%	-1%
13	92	2%	-5%
14	90	3%	-7%
15	91	-1%	-4%
16	89	-1%	-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
1841lx	460lx	205lx	115lx	74lx	51lx	38lx	29lx	23lx	18lx	15lx	13lx	11lx	9lx	8lx	7lx	6lx	6lx	5lx	5lx
171fc	42.8fc	19fc	10.7fc	6.8fc	4.8fc	3.5fc	2.7fc	2.1fc	1.7fc	1.4fc	1.2fc	1fc	0.9fc	0.8fc	0.7fc	0.6fc	0.5fc	0.5fc	0.4fc

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°
1841	1825	1779	1707	1611	1496	1369	1230	1081	932	792	663	549	450	369	298	237	185	141	105
100%	99%	97%	93%	88%	81%	74%	67%	59%	51%	43%	36%	30%	24%	20%	16%	13%	10%	8%	6%

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°
1841	1826	1779	1706	1609	1494	1366	1226	1077	928	789	661	547	450	368	298	239	187	143	106
100%	99%	97%	93%	87%	81%	74%	67%	58%	50%	43%	36%	30%	24%	20%	16%	13%	10%	8%	6%

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°
1841	1825	1779	1707	1611	1496	1369	1230	1081	932	792	663	549	450	369	298	237	185	141	105
100%	99%	97%	93%	88%	81%	74%	67%	59%	51%	43%	36%	30%	24%	20%	16%	13%	10%	8%	6%

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°
1841	1826	1779	1706	1609	1494	1366	1226	1077	928	789	661	547	450	368	298	239	187	143	106
100%	99%	97%	93%	87%	81%	74%	67%	58%	50%	43%	36%	30%	24%	20%	16%	13%	10%	8%	6%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
36.3°	68.1°	86.3°	99.7%	98.0%