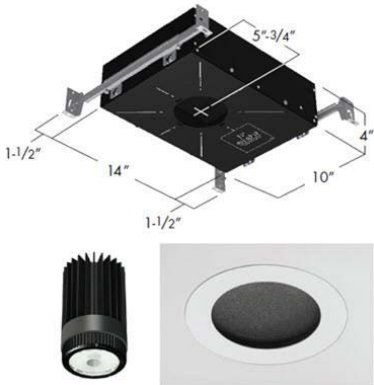


Photometric / Colorimetric / Electric Report

Fixture Model:
804S-K2S-WD-4-15-PR1-8-350-FR-LG-P-1-WH-NL

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

Date:
8/6/2024



Light efficiency:
65 Lumen/Watt

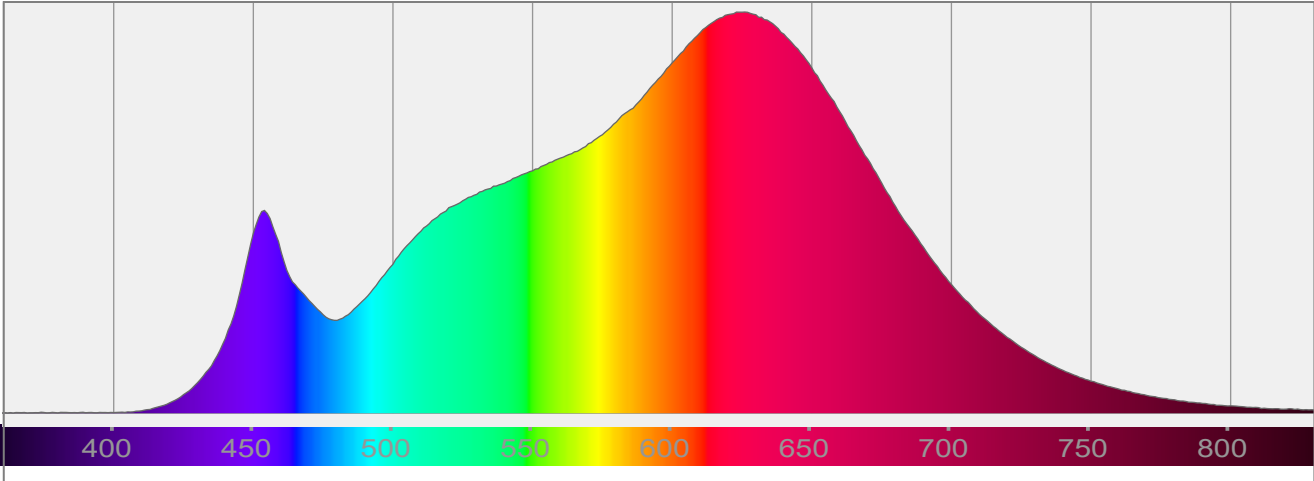
Light quality:
CRI: 96.7

Color temperature:
2994 K

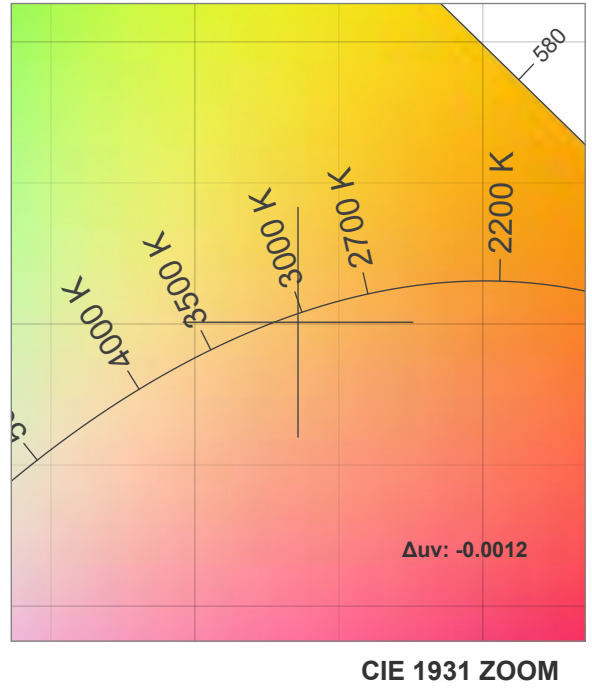
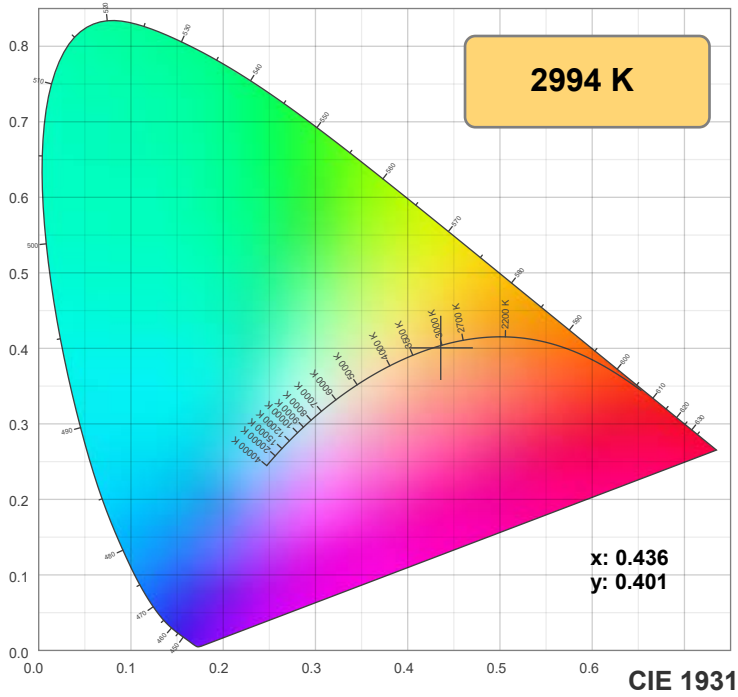
CIE 1931:
x: 0.436
y: 0.401

Output:	953 lm
Peak:	4238 cd
Power:	14.6 W
PF:	0.99

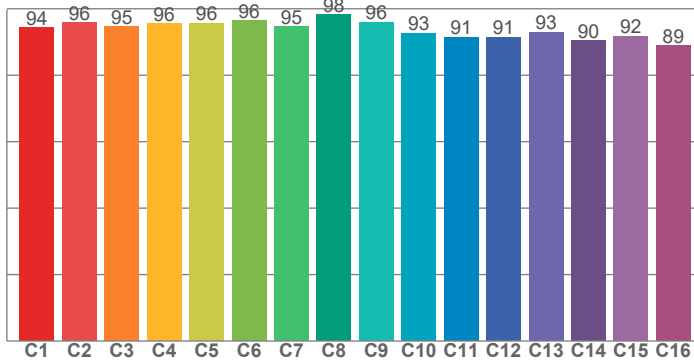
Spectra:



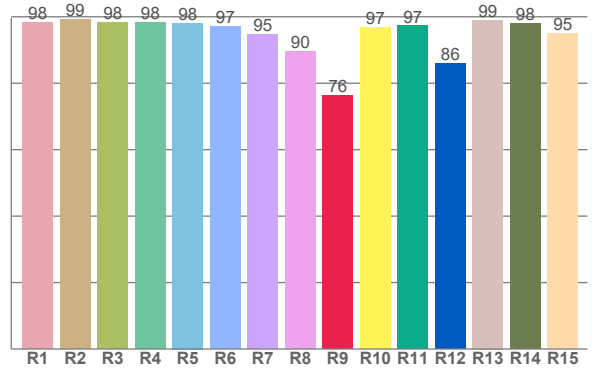
Color Details



TM-30: 94.0



CRI: 96.7 (R1-R8)



CRI R Values:

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.3	99.1	98.3	98.3	98.1	97.0	94.7	89.5	76.3	96.8	97.2	86.0	99.0	98.1	94.9

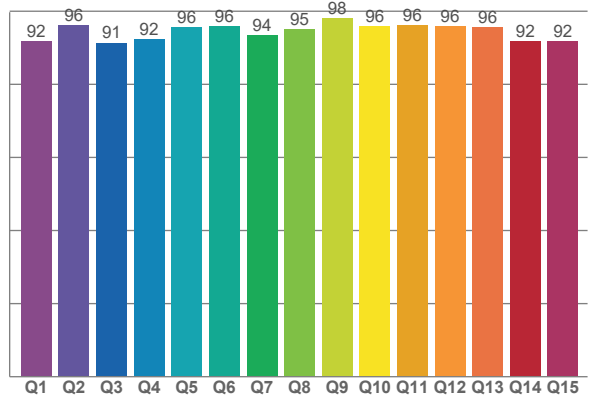
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94.3	95.8	94.6	95.5	95.7	96.5	94.7	98.3	96.0	92.7	91.5	91.5	93.0	90.4	91.8	88.8

CQS Q values:

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
91.7	96.2	91.4	92.3	95.6	96.0	93.5	95.0	98.2	95.9	96.2	96.0	95.7	91.9	91.7

CQS: 93.9



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
2994 K	96.7	76.3	94.0	100.6	93.9	0.436	0.401	0.251	0.347	-0.0012

TM-30 Details

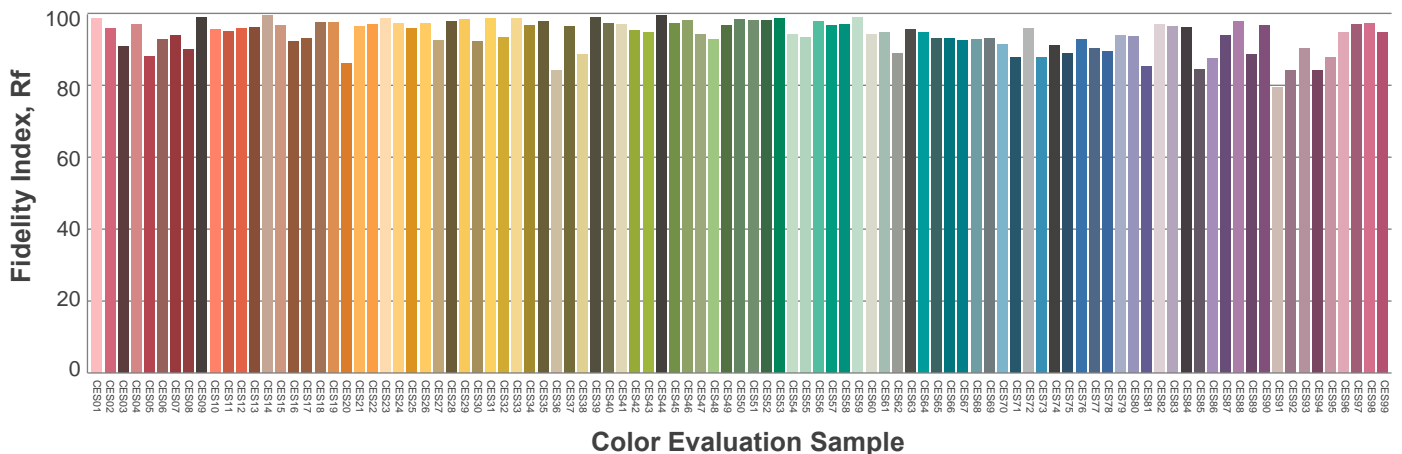
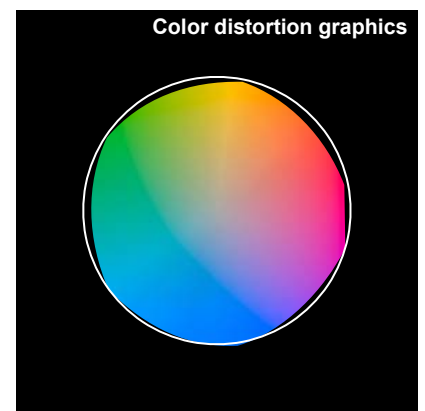
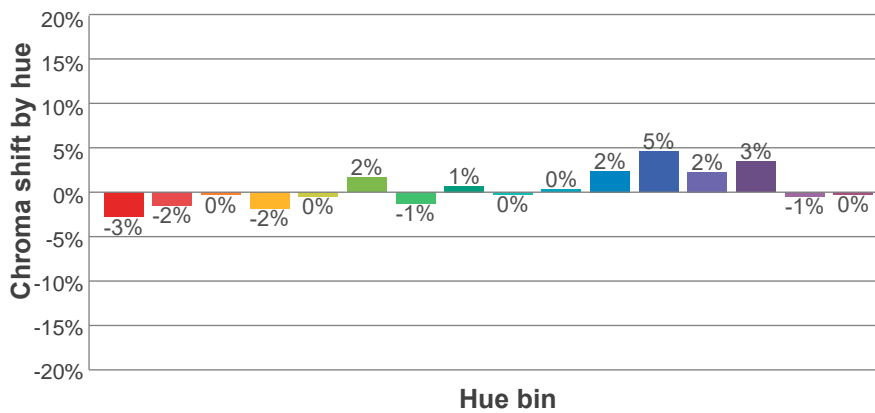
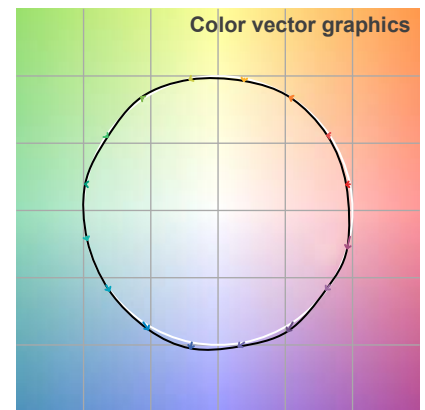
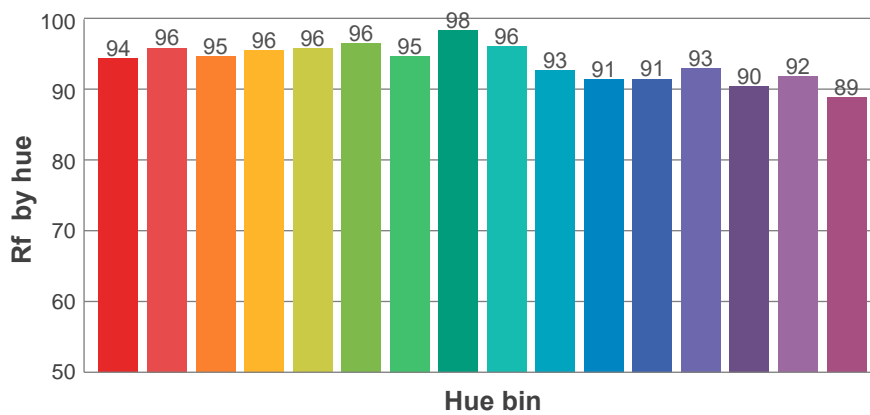
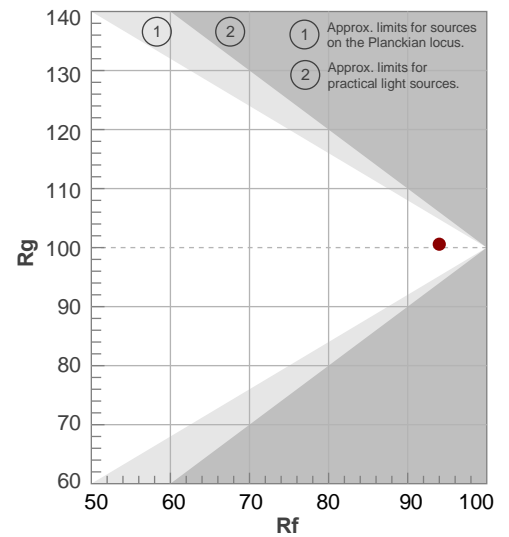
Rf 94.0

Fidelity index Rf

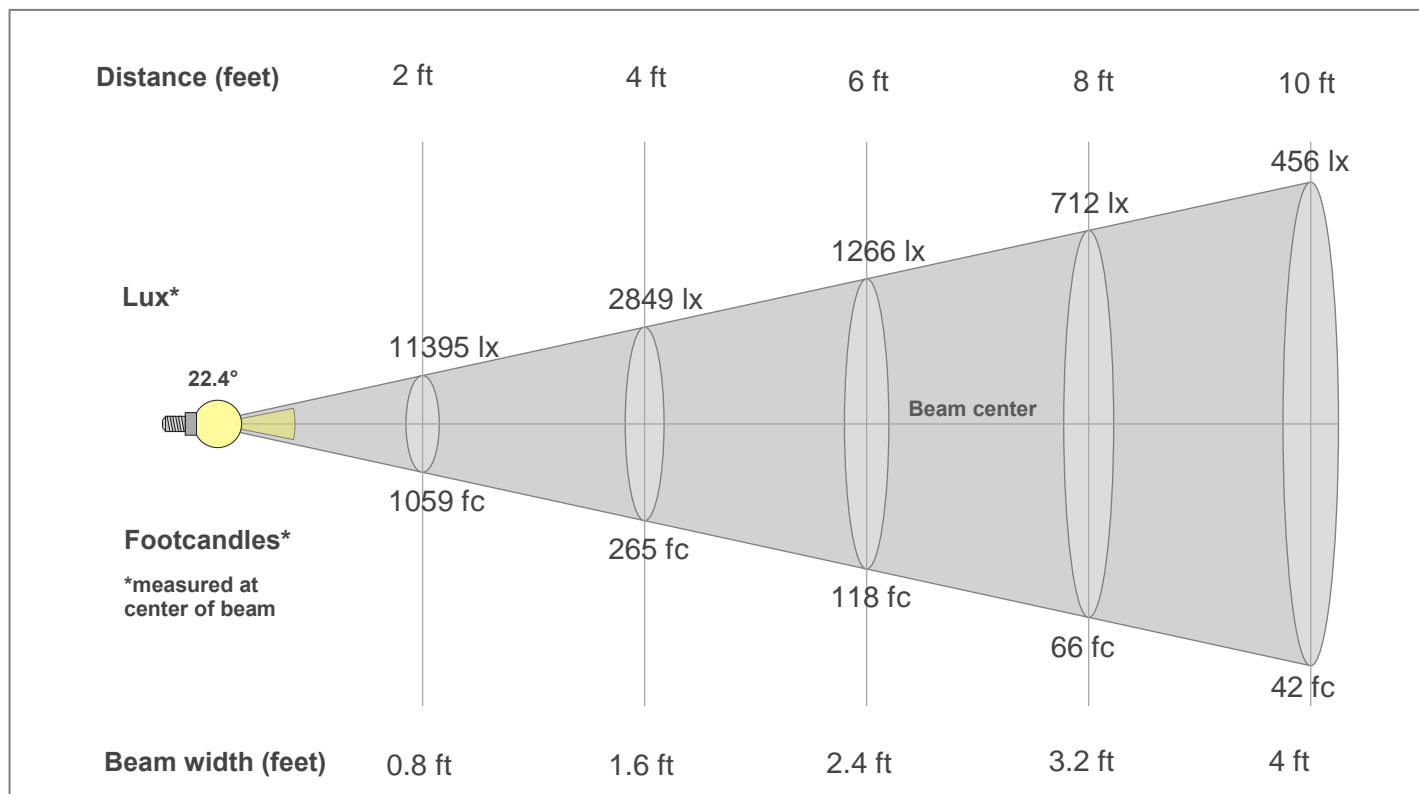
Rg 100.6

Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	94	-3%	0%
2	96	-2%	1%
3	95	0%	2%
4	96	-2%	0%
5	96	0%	2%
6	96	2%	1%
7	95	-1%	0%
8	98	1%	0%
9	96	0%	2%
10	93	0%	5%
11	91	2%	6%
12	91	5%	0%
13	93	2%	-5%
14	90	3%	-7%
15	92	-1%	-4%
16	89	0%	-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
4234lx	1059lx	470lx	265lx	169lx	118lx	86lx	66lx	52lx	42lx	35lx	29lx	25lx	22lx	19lx	17lx	15lx	13lx	12lx	11lx
393.4fc	98.3fc	43.7fc	24.6fc	15.7fc	10.9fc	8fc	6.1fc	4.9fc	3.9fc	3.3fc	2.7fc	2.3fc	2fc	1.7fc	1.5fc	1.4fc	1.2fc	1.1fc	1fc

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°
4234	4152	3886	3472	2959	2411	1906	1481	1141	877	671	512	395	309	245	195	156	124	99	81
100%	98%	92%	82%	70%	57%	45%	35%	27%	21%	16%	12%	9%	7%	6%	5%	4%	3%	2%	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°
4234	4154	3929	3537	3029	2470	1942	1490	1134	863	661	505	387	302	239	190	151	120	97	79
100%	98%	93%	84%	72%	58%	46%	35%	27%	20%	16%	12%	9%	7%	6%	4%	4%	3%	2%	2%

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°
4234	4152	3886	3472	2959	2411	1906	1481	1141	877	671	512	395	309	245	195	156	124	99	81
100%	98%	92%	82%	70%	57%	45%	35%	27%	21%	16%	12%	9%	7%	6%	5%	4%	3%	2%	2%

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°
4234	4154	3929	3537	3029	2470	1942	1490	1134	863	661	505	387	302	239	190	151	120	97	79
100%	98%	93%	84%	72%	58%	46%	35%	27%	20%	16%	12%	9%	7%	6%	4%	4%	3%	2%	2%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
22.4°	46.8°	70.6°	99.5%	97.9%