

## Photometric / Colorimetric / Electric Report

Fixture Model:

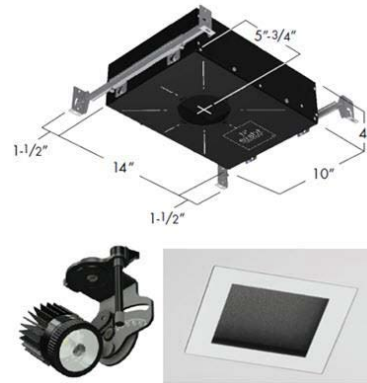
**804S-J2S-HI-3-30-40-PR1-8-350-FS-LG-P-1-WH-NL**

Trim Model:

**FS-LG-P-1-WH/NL**

Date:

**12/7/2023**



Light efficiency:

**62 Lumen/Watt**

Light quality:

**CRI: 97.5**

Color temperature:

**3004 K**

CIE 1931:

**x: 0.435  
y: 0.399**

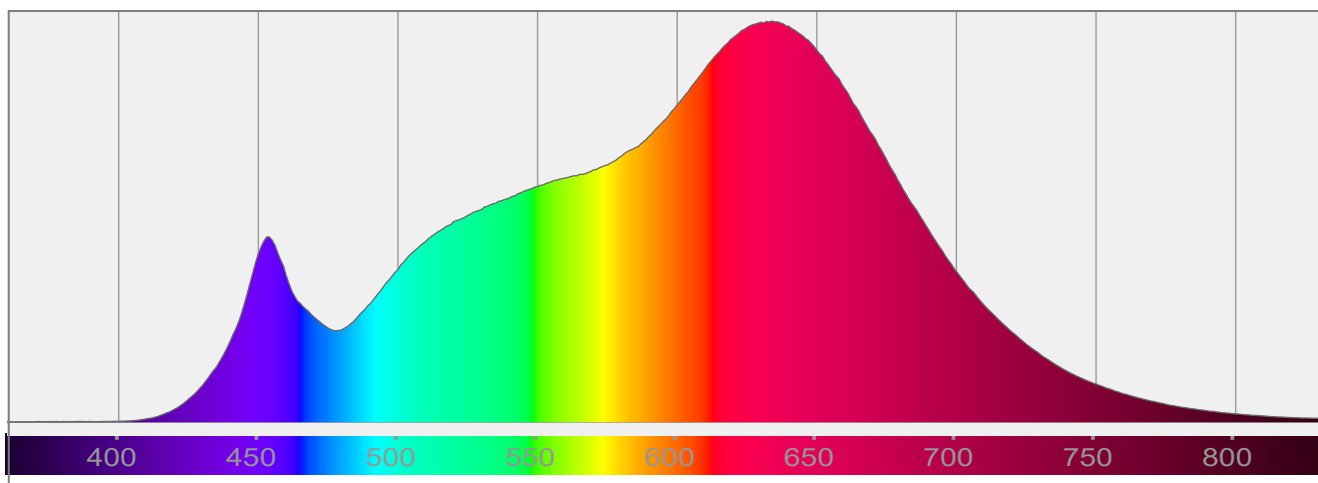
**Output: 897 lm**

**Peak: 2202 cd**

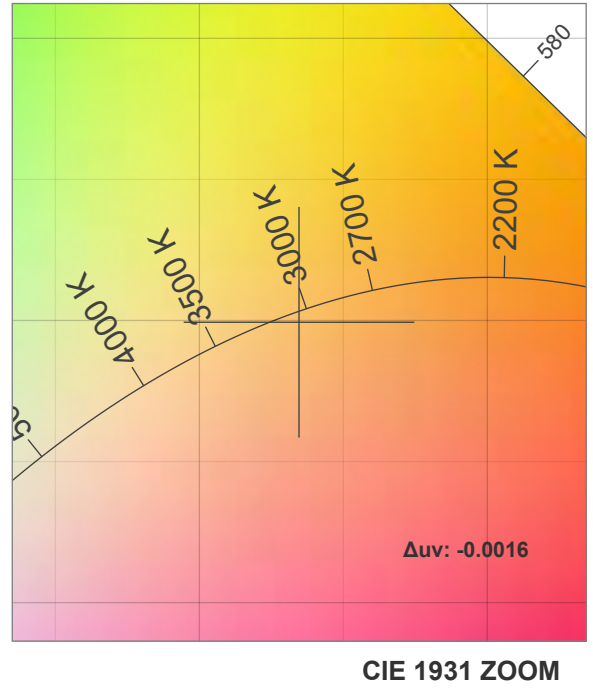
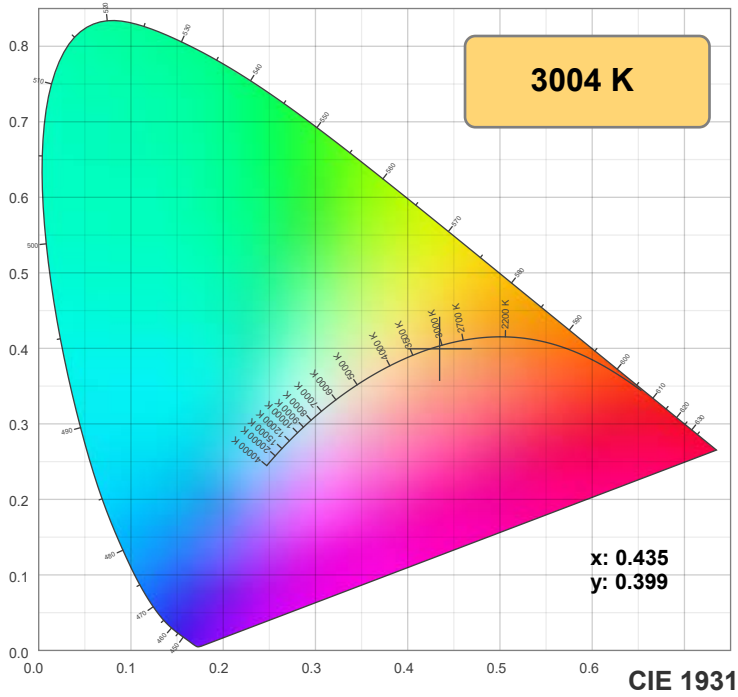
**Power: 14.5 W**

**PF: 0.99**

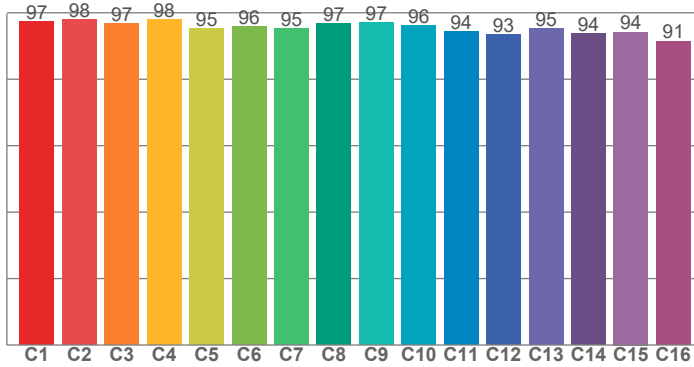
Spectra:



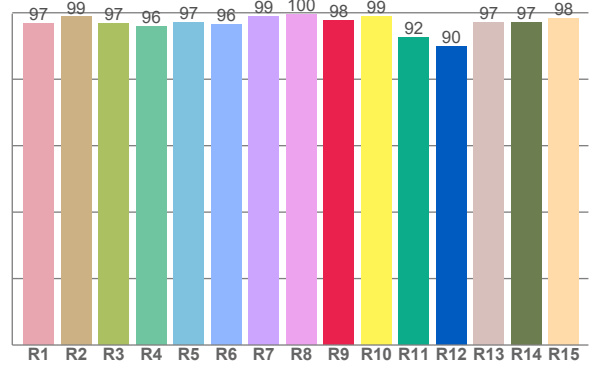
## Color Details



**TM-30: 95.9**



**CRI: 97.5 (R1-R8)**



**CRI R Values:**

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96.8	98.7	96.7	95.8	97.2	96.4	98.9	99.5	97.7	98.9	92.5	90.0	97.0	97.1	98.2

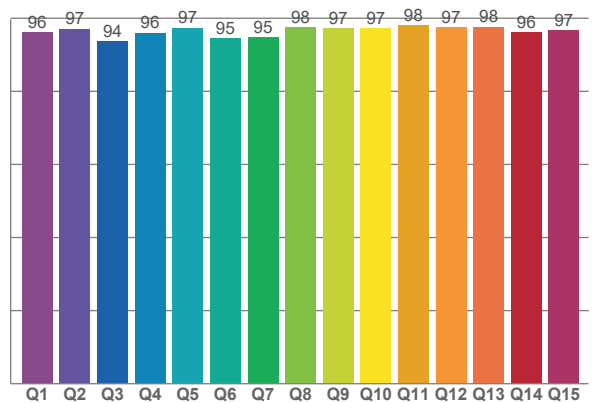
**TM30 C Values:**

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
97.3	98.0	96.8	98.0	95.3	96.0	95.1	96.8	97.2	96.1	94.3	93.3	95.3	93.8	94.2	91.5

**CQS Q values:**

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
96.1	97.1	93.7	96.0	97.4	94.6	94.7	97.5	97.4	97.3	98.1	97.4	97.7	96.2	96.7

**CQS: 96.1**



**Color Parameters:**

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	$\Delta uv$
3004 K	97.5	97.7	95.9	102.3	96.1	0.435	0.399	0.251	0.346	-0.0016

# TM-30 Details

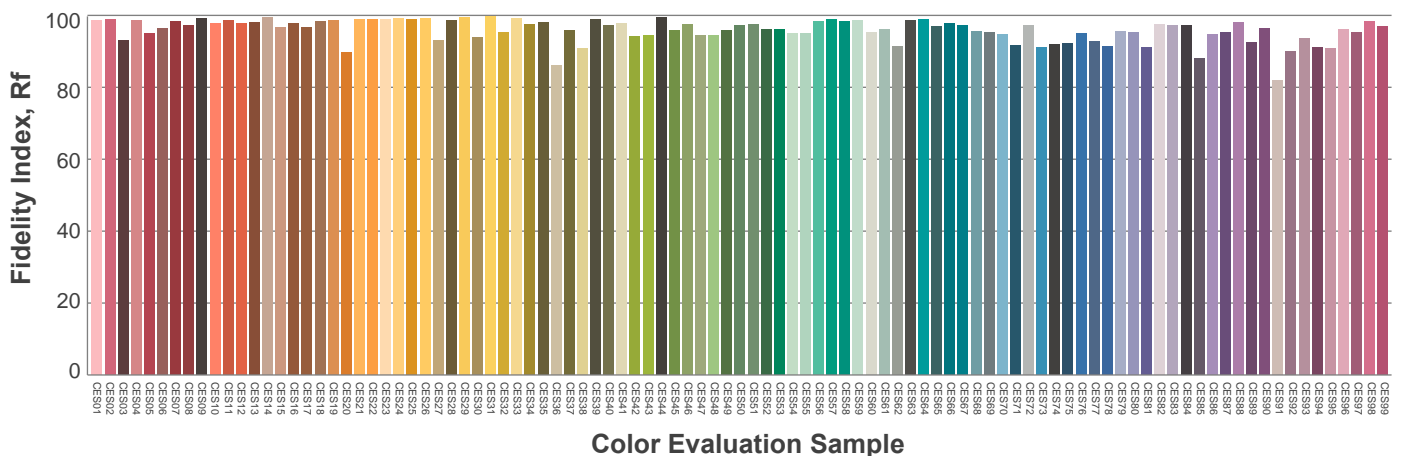
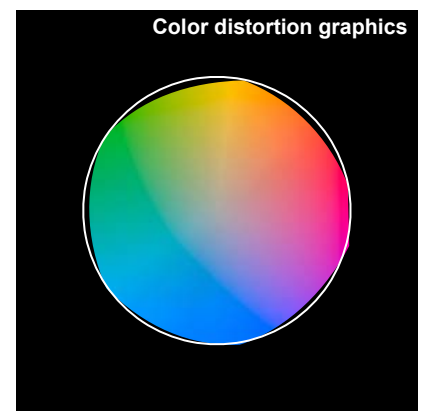
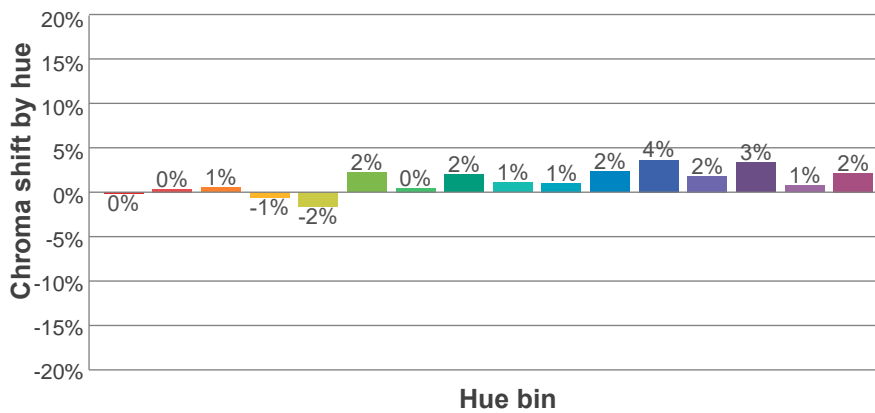
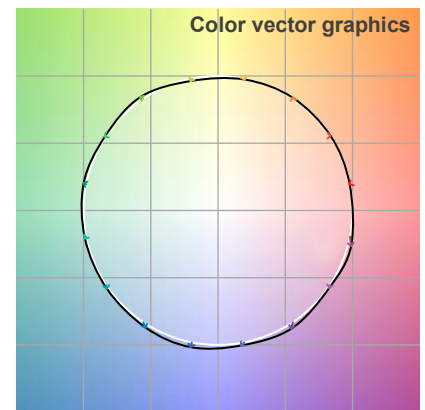
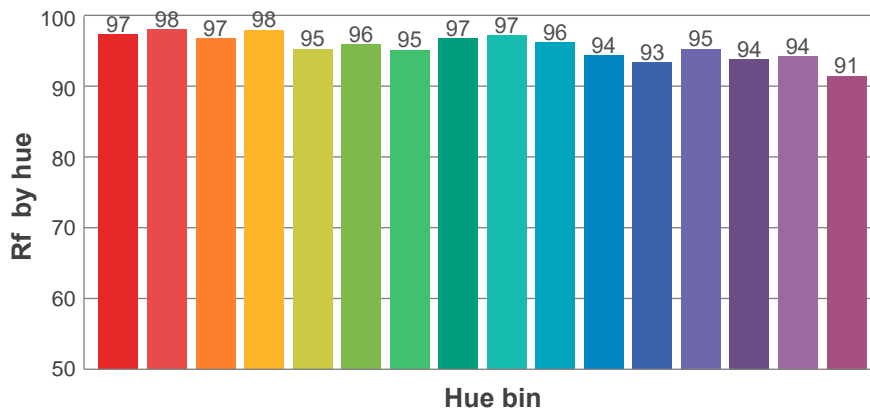
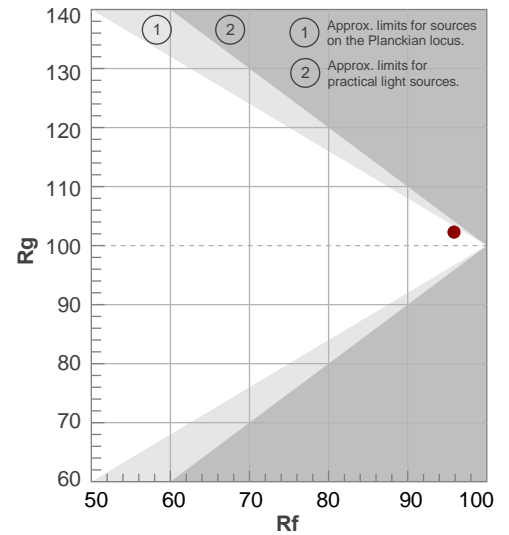
**Rf 95.9**

Fidelity index Rf

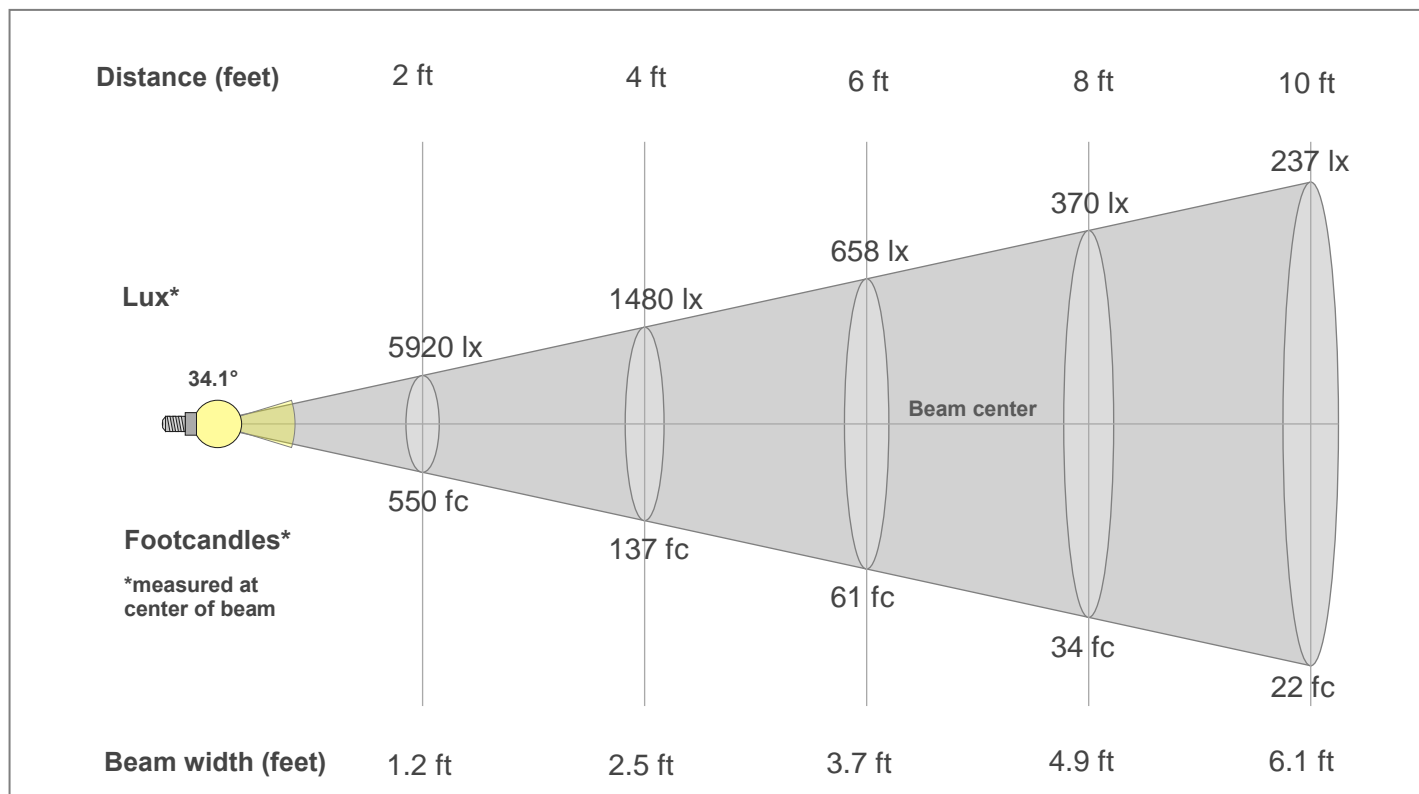
**Rg 102.3**

Gamut index Rg

Hue Bin	R <sub>f</sub>	Shifts (%)	
		Chroma	Hue
1	97	0%	0%
2	98	0%	0%
3	97	1%	1%
4	98	-1%	0%
5	95	-2%	1%
6	96	2%	1%
7	95	0%	1%
8	97	2%	0%
9	97	1%	1%
10	96	1%	2%
11	94	2%	4%
12	93	4%	0%
13	95	2%	-3%
14	94	3%	-3%
15	94	1%	-2%
16	91	2%	-7%



## 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
2200lx	550lx	244lx	137lx	88lx	61lx	45lx	34lx	27lx	22lx	18lx	15lx	13lx	11lx	10lx	9lx	8lx	7lx	6lx	5lx
204.4fc	51.1fc	22.7fc	12.8fc	8.2fc	5.7fc	4.2fc	3.2fc	2.5fc	2fc	1.7fc	1.4fc	1.2fc	1fc	0.9fc	0.8fc	0.7fc	0.6fc	0.6fc	0.5fc

### 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°
2200	2182	2115	2015	1887	1733	1563	1385	1202	1016	838	682	552	447	361	287	222	169	126	92
100%	99%	96%	92%	86%	79%	71%	63%	55%	46%	38%	31%	25%	20%	16%	13%	10%	8%	6%	4%

### 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°
2200	2176	2110	2009	1879	1724	1554	1377	1194	1009	833	679	549	445	359	284	219	167	125	93
100%	99%	96%	91%	85%	78%	71%	63%	54%	46%	38%	31%	25%	20%	16%	13%	10%	8%	6%	4%

### 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°
2200	2182	2115	2015	1887	1733	1563	1385	1202	1016	838	682	552	447	361	287	222	169	126	92
100%	99%	96%	92%	86%	79%	71%	63%	55%	46%	38%	31%	25%	20%	16%	13%	10%	8%	6%	4%

### 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°
2200	2176	2110	2009	1879	1724	1554	1377	1194	1009	833	679	549	445	359	284	219	167	125	93
100%	99%	96%	91%	85%	78%	71%	63%	54%	46%	38%	31%	25%	20%	16%	13%	10%	8%	6%	4%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
34.1°	64°	82.7°	99.6%	98.2%