

## Photometric / Colorimetric / Electric Report

Fixture Model:

**805-J5-TW-40-3000K-DAL2-8.5-700-FS-LG-P-1-WH-NL**

Trim Model:

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

Date:

**1/21/2025**



Light efficiency:

**58 Lumen/Watt**

Light quality:

**CRI: 96.7**

Color temperature:

**3013 K**

CIE 1931:

**x: 0.429  
y: 0.390**

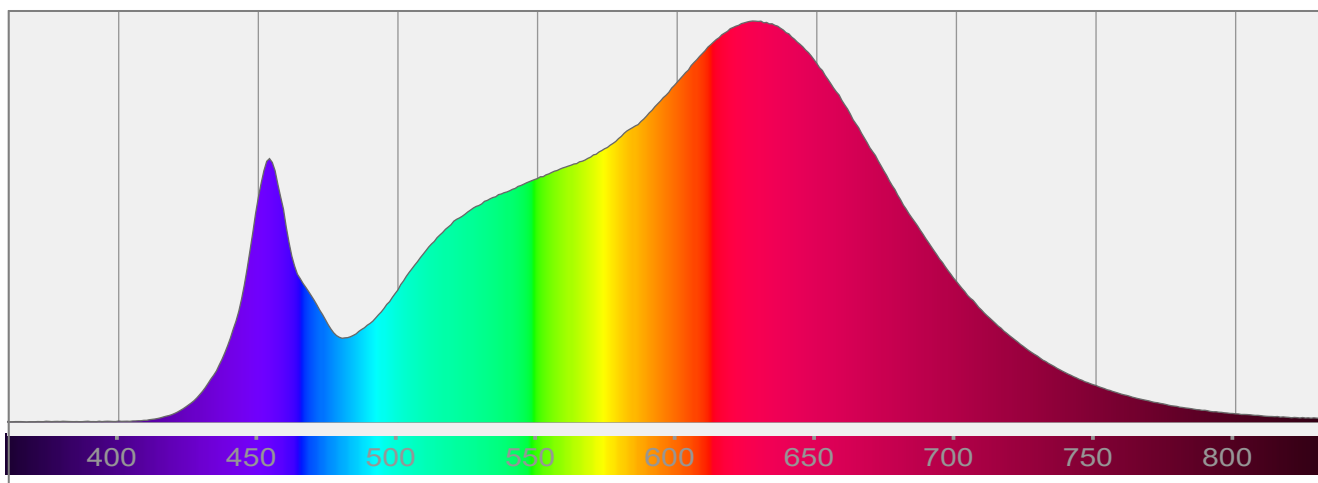
**Output: 894 lm**

**Peak: 1947 cd**

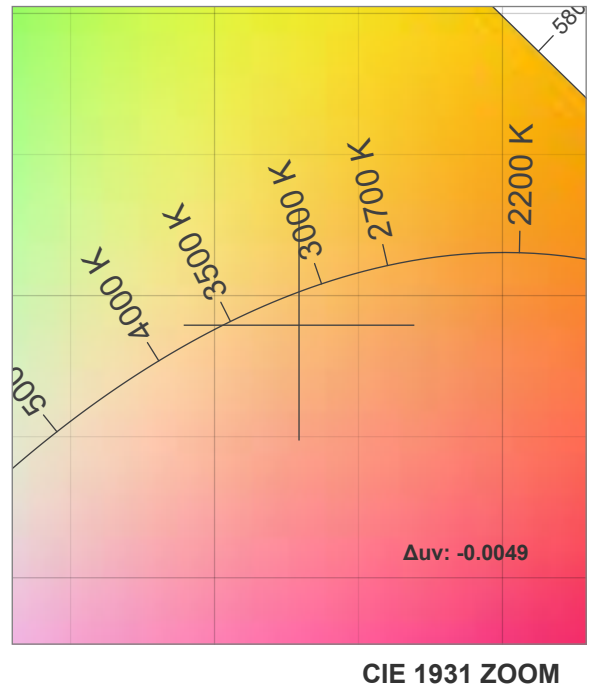
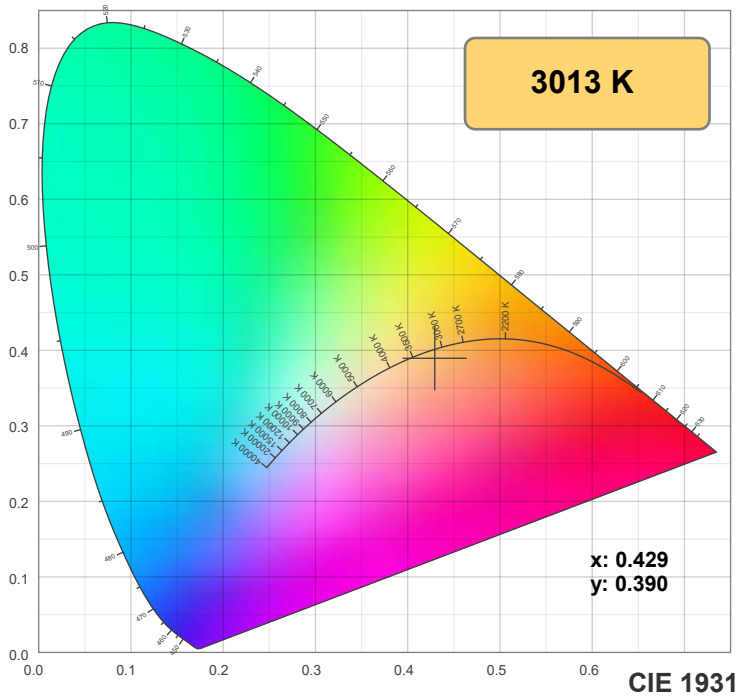
**Power: 15.5 W**

**PF: 1.0**

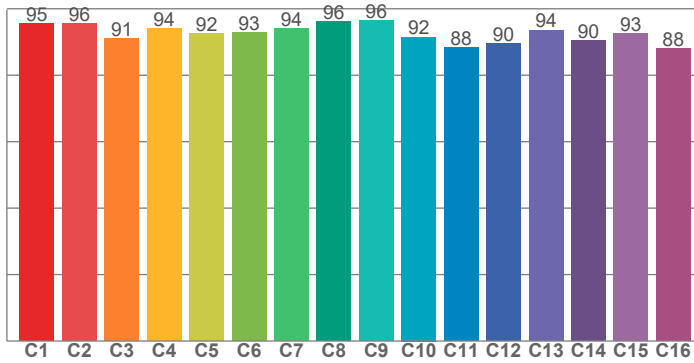
Spectra:



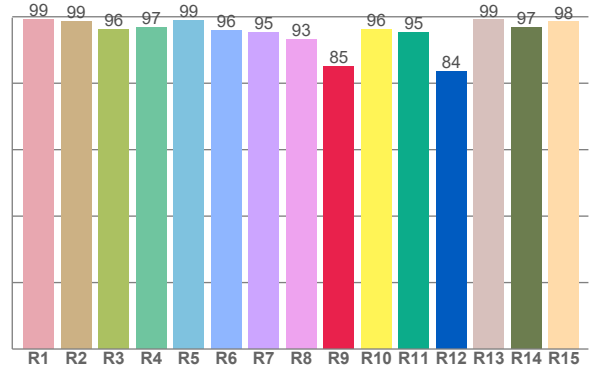
## Color Details



**TM-30: 92.8**



**CRI: 96.7 (R1-R8)**



**CRI R Values:**

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
99.1	98.6	96.2	96.7	99.0	95.9	95.2	93.1	85.0	96.2	95.2	83.7	99.1	96.8	98.4

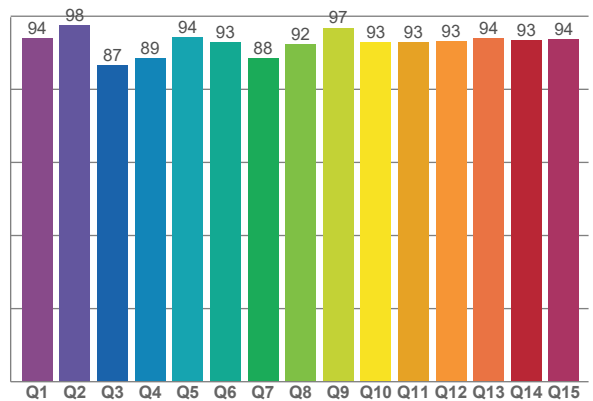
**TM30 C Values:**

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95.5	95.6	91.1	94.1	92.5	92.9	94.1	96.2	96.5	91.5	88.4	89.6	93.6	90.5	92.6	88.1

**CQS Q values:**

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
93.9	97.5	86.7	88.6	94.2	92.9	88.5	92.4	96.8	92.9	92.8	93.2	93.9	93.4	93.7

**CQS: 92.1**



**Color Parameters:**

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	$\Delta uv$
3013 K	96.7	85.0	92.8	103.2	92.1	0.429	0.390	0.252	0.343	-0.0049

# TM-30 Details

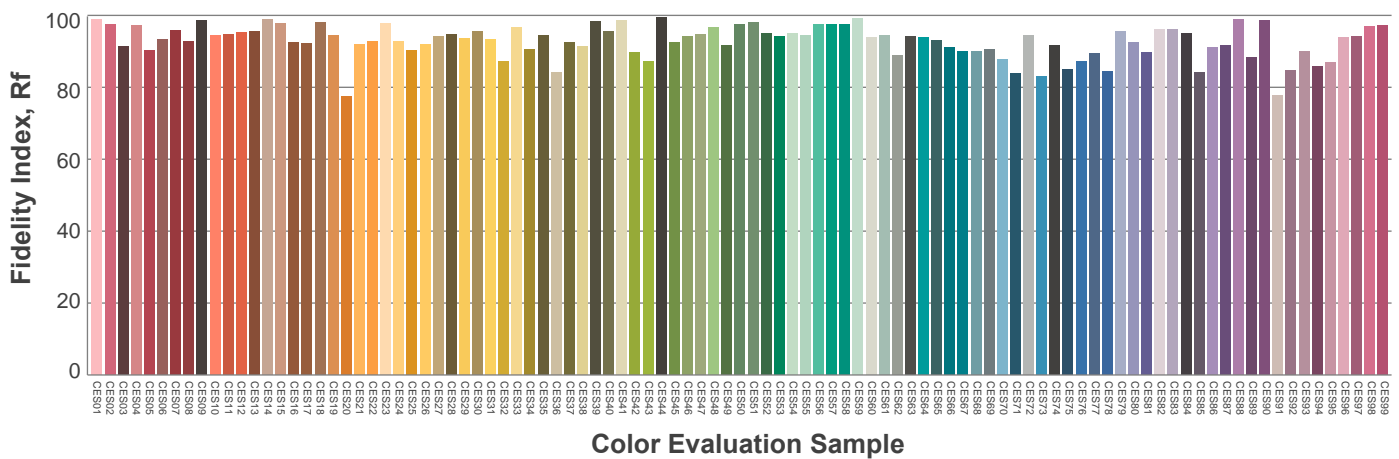
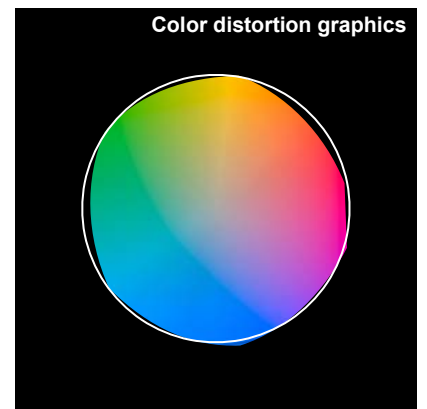
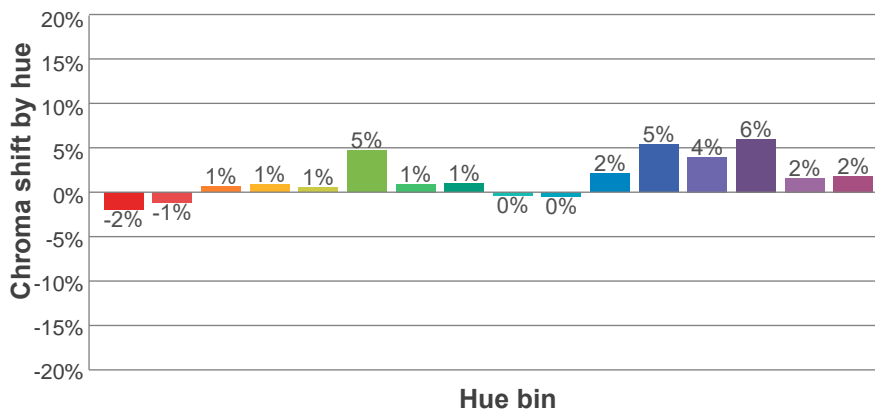
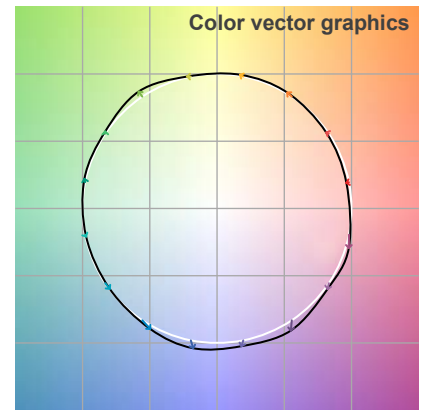
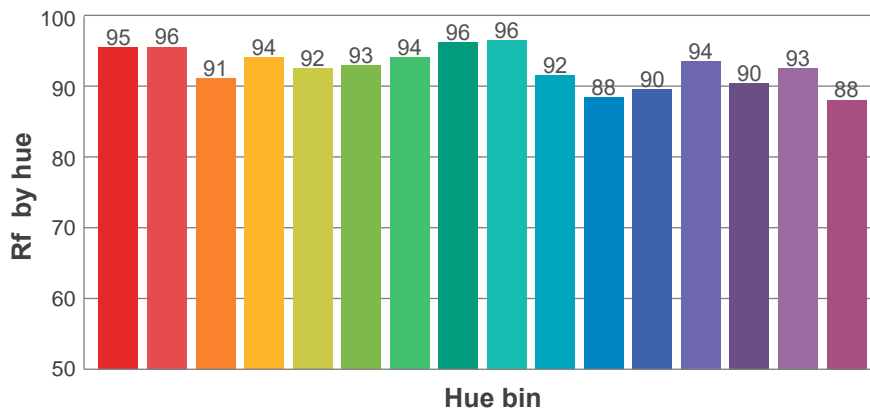
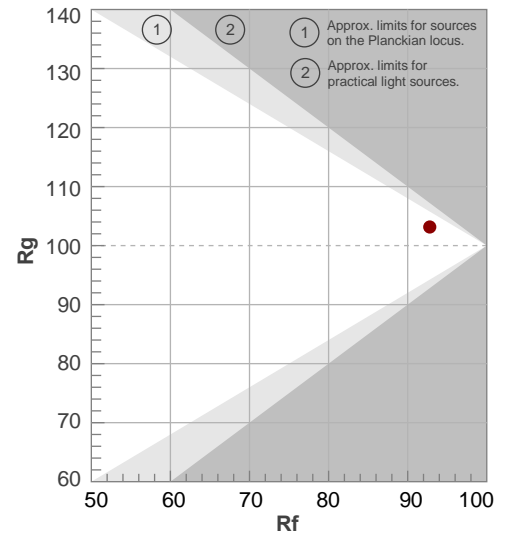
**Rf 92.8**

Fidelity index Rf

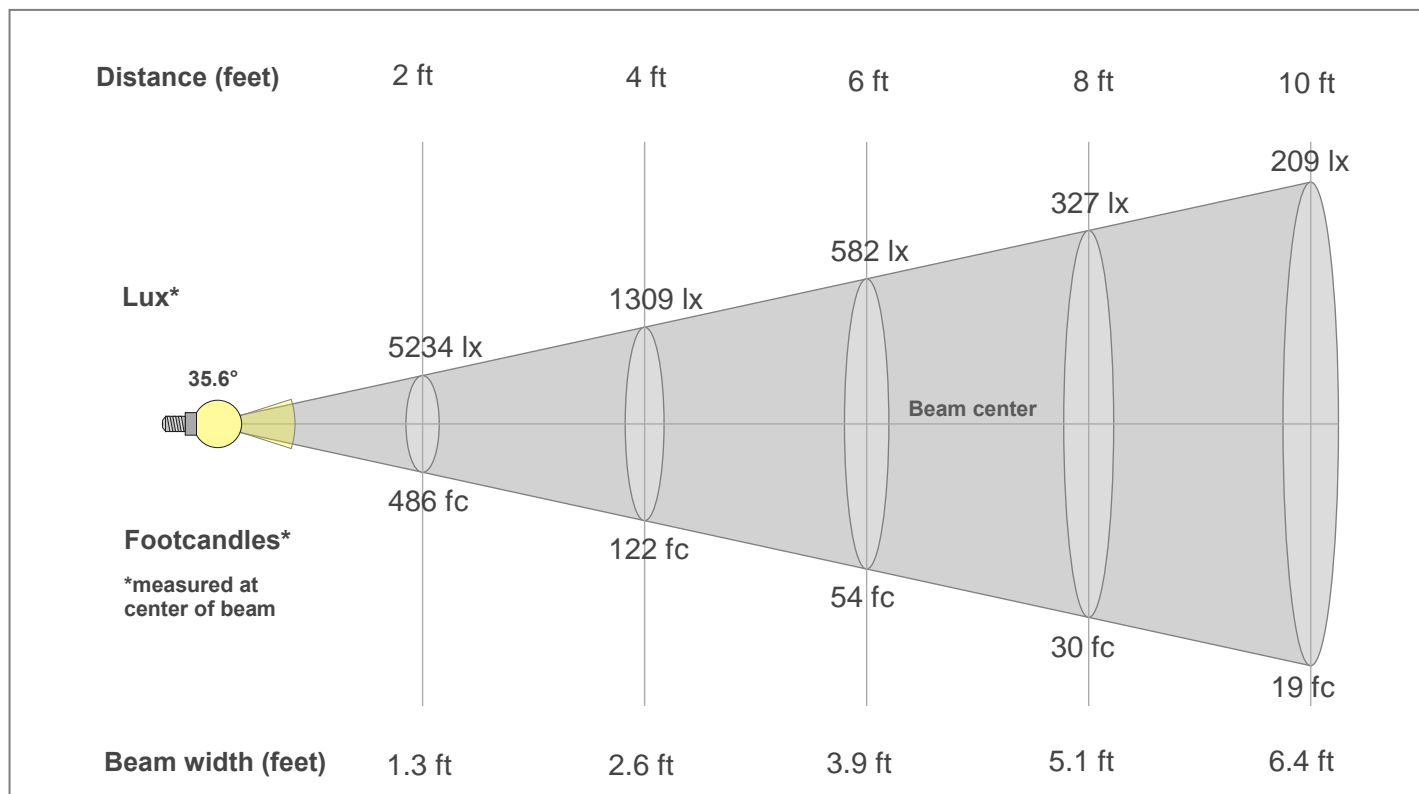
**Rg 103.2**

Gamut index Rg

Hue Bin	R <sub>f</sub>	Shifts (%)	
		Chroma	Hue
1	95	-2%	0%
2	96	-1%	2%
3	91	1%	4%
4	94	1%	3%
5	92	1%	3%
6	93	5%	0%
7	94	1%	-1%
8	96	1%	-2%
9	96	0%	1%
10	92	0%	5%
11	88	2%	8%
12	90	5%	3%
13	94	4%	-2%
14	90	6%	-5%
15	93	2%	-4%
16	88	2%	-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
1945lx	486lx	216lx	122lx	78lx	54lx	40lx	30lx	24lx	19lx	16lx	14lx	12lx	10lx	9lx	8lx	7lx	6lx	5lx	5lx
180.7fc	45.2fc	20.1fc	11.3fc	7.2fc	5fc	3.7fc	2.8fc	2.2fc	1.8fc	1.5fc	1.3fc	1.1fc	0.9fc	0.8fc	0.7fc	0.6fc	0.6fc	0.5fc	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°
1945	1932	1883	1799	1692	1566	1423	1271	1112	955	805	668	552	452	369	300	241	193	154	122
100%	99%	97%	92%	87%	81%	73%	65%	57%	49%	41%	34%	28%	23%	19%	15%	12%	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°
1945	1931	1882	1802	1694	1567	1425	1273	1116	959	810	672	553	454	371	301	242	194	154	123
100%	99%	97%	93%	87%	81%	73%	65%	57%	49%	42%	35%	28%	23%	19%	15%	12%	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°
1945	1932	1883	1799	1692	1566	1423	1271	1112	955	805	668	552	452	369	300	241	193	154	122
100%	99%	97%	92%	87%	81%	73%	65%	57%	49%	41%	34%	28%	23%	19%	15%	12%	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°
1945	1931	1882	1802	1694	1567	1425	1273	1116	959	810	672	553	454	371	301	242	194	154	123
100%	99%	97%	93%	87%	81%	73%	65%	57%	49%	42%	35%	28%	23%	19%	15%	12%	10%	8%	6%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
35.6°	67.9°	91.3°	99.5%	96.6%