

## Photometric / Colorimetric / Electric Report

Fixture Model:

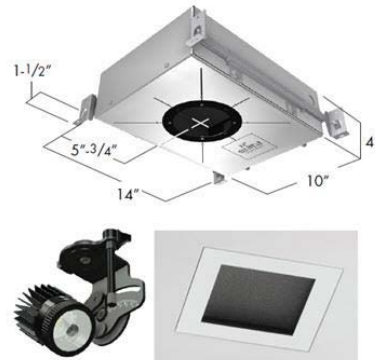
**804S-J2S-TW-15T-3500K-EL3-8-700-FS-LG-P-1-WH-NL**

Trim Model:

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

Date:

**7/30/2020**



Light efficiency:

**75 Lumen/Watt**

Light quality:

**CRI: 95.2**

Color temperature:

**3552 K**

CIE 1931:

**x: 0.399  
y: 0.379**

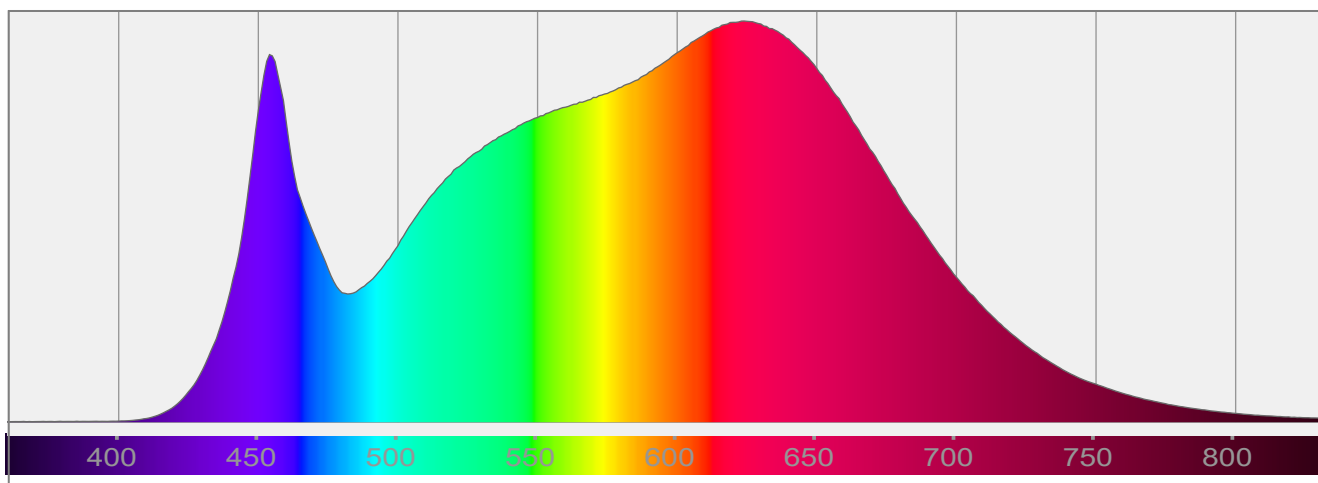
**Output: 1090 lm**

**Peak: 6028 cd**

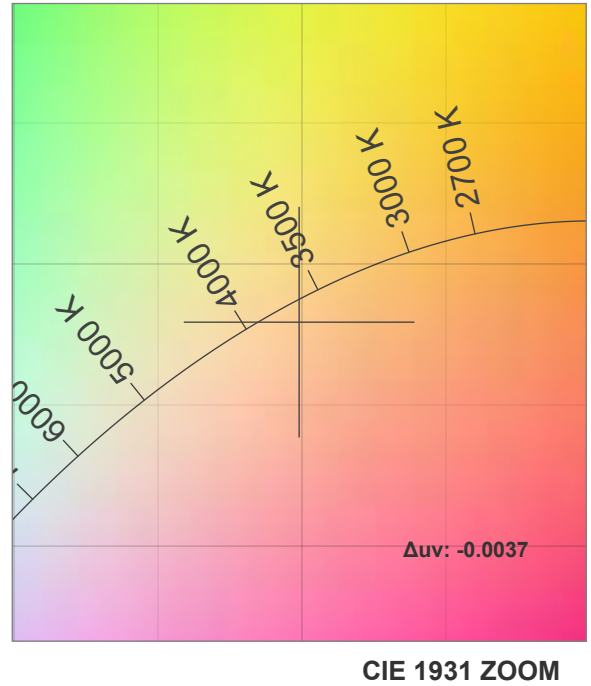
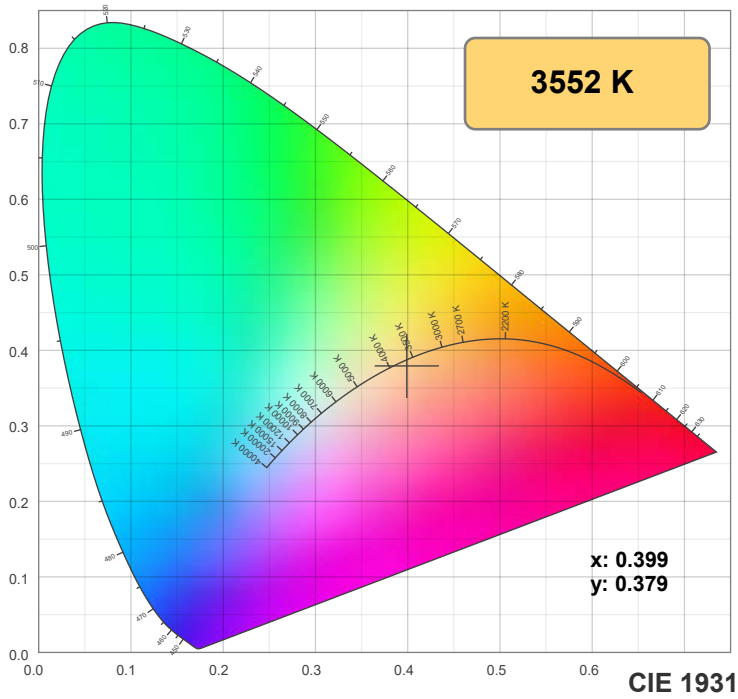
**Power: 14.4 W**

**PF: 0.99**

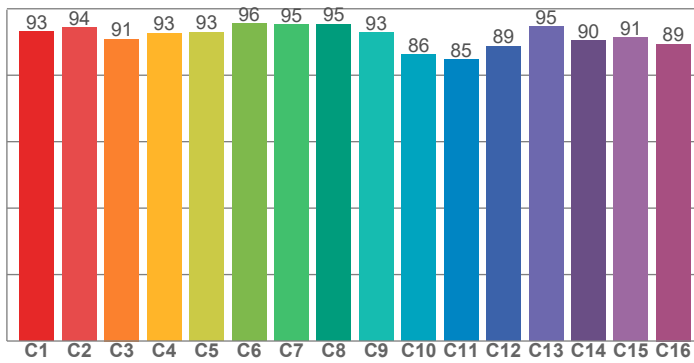
Spectra:



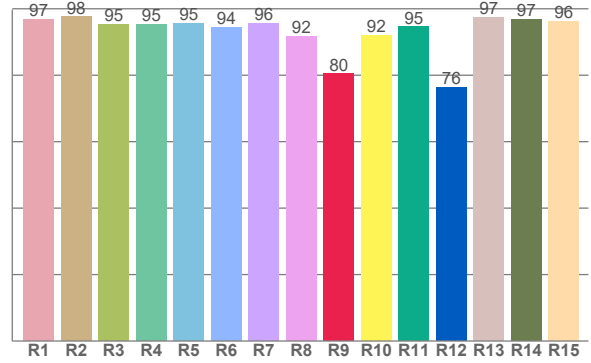
## Color Details



**TM-30: 91.6**



**CRI: 95.2 (R1-R8)**



**CRI R Values:**

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96.8	97.5	95.3	95.3	95.5	94.3	95.5	91.7	80.4	91.9	94.5	76.4	97.4	96.7	96.2

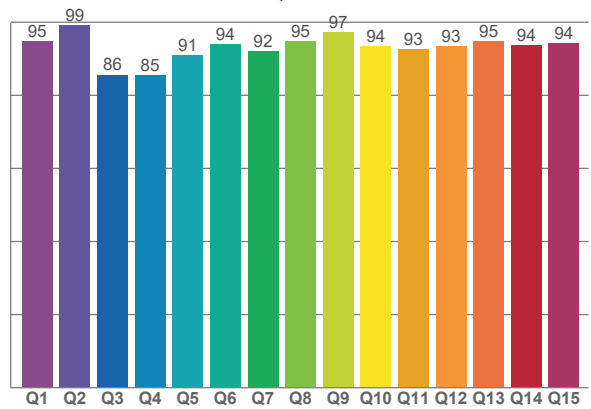
**TM30 C Values:**

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
93.1	94.3	90.9	92.7	93.0	95.5	95.3	95.4	92.8	86.3	84.7	88.8	94.6	90.4	91.3	89.4

**CQS Q values:**

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
94.8	99.3	85.6	85.4	91.0	93.9	92.1	94.7	97.2	93.5	92.7	93.4	94.8	93.8	94.1

**CQS: 92.2**



**Color Parameters:**

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
3552 K	95.2	80.4	91.6	100.7	92.2	0.399	0.379	0.236	0.337	-0.0037

# TM-30 Details

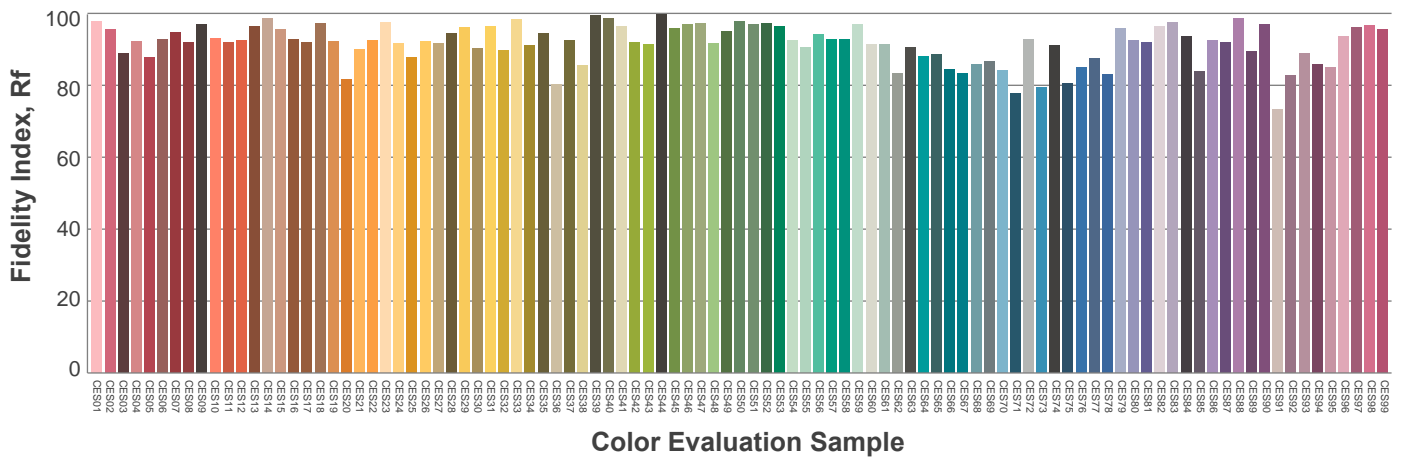
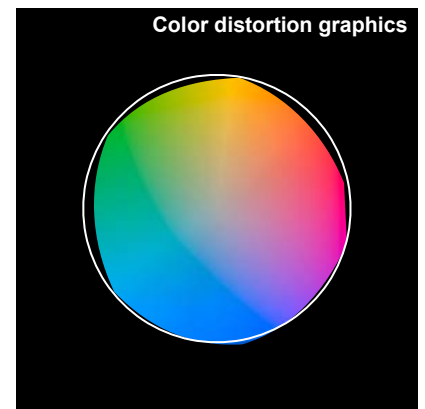
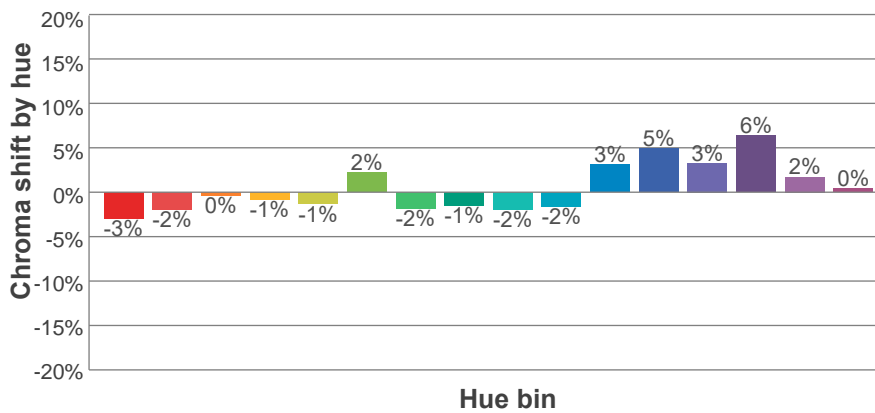
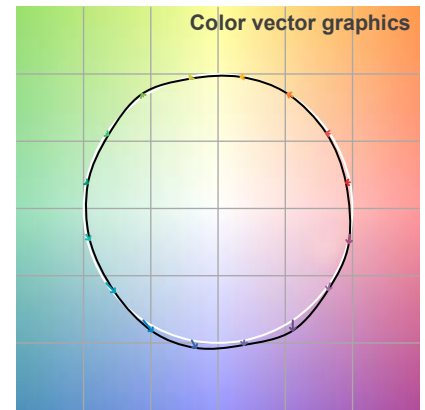
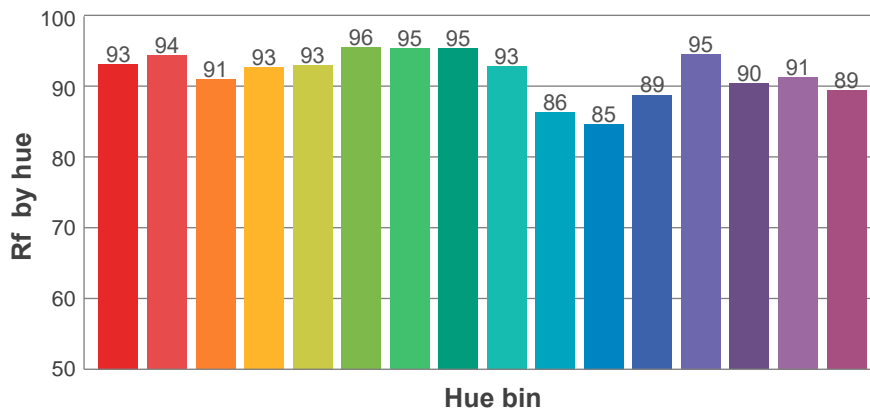
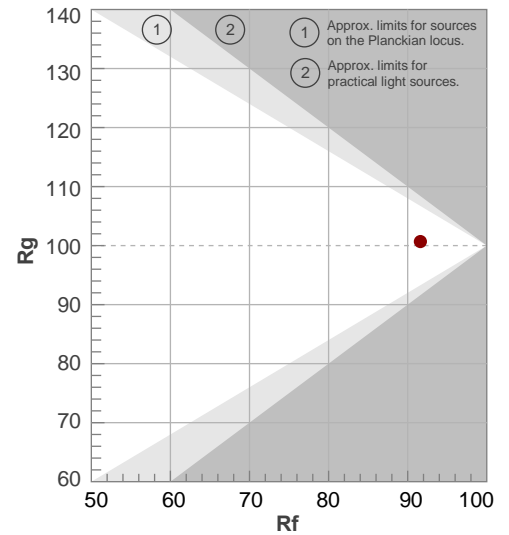
**Rf 91.6**

Fidelity index Rf

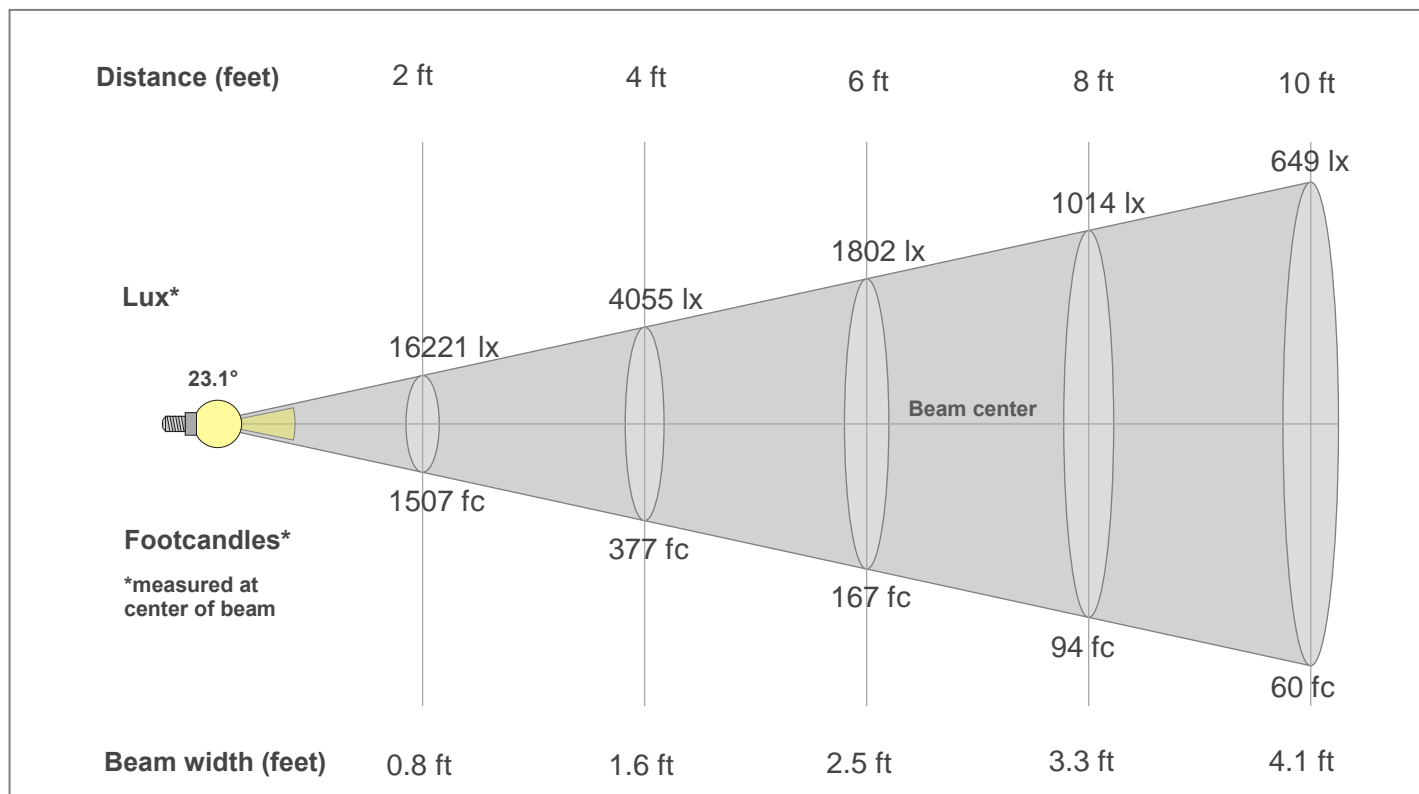
**Rg 100.7**

Gamut index Rg

Hue Bin	R <sub>f</sub>	Shifts (%)	
		Chroma	Hue
1	93	-3%	0%
2	94	-2%	2%
3	91	0%	4%
4	93	-1%	3%
5	93	-1%	2%
6	96	2%	0%
7	95	-2%	0%
8	95	-1%	1%
9	93	-2%	4%
10	86	-2%	9%
11	85	3%	10%
12	89	5%	4%
13	95	3%	-1%
14	90	6%	-4%
15	91	2%	-5%
16	89	0%	-6%



## 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
6028lx	1507lx	670lx	377lx	241lx	167lx	123lx	94lx	74lx	60lx	50lx	42lx	36lx	31lx	27lx	24lx	21lx	19lx	17lx	15lx
560fc	140fc	62.2fc	35fc	22.4fc	15.6fc	11.4fc	8.8fc	6.9fc	5.6fc	4.6fc	3.9fc	3.3fc	2.9fc	2.5fc	2.2fc	1.9fc	1.7fc	1.6fc	1.4fc

### 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°
6028	6011	5929	5802	5617	5395	5128	4809	4459	4074	3666	3242	2832	2432	2054	1705	1394	1125	898	715
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°
6028	6011	5929	5802	5617	5395	5128	4809	4459	4074	3666	3242	2832	2432	2054	1705	1394	1125	898	715
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°
6028	6011	5929	5802	5617	5395	5128	4809	4459	4074	3666	3242	2832	2432	2054	1705	1394	1125	898	715
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°
6028	6011	5929	5802	5617	5395	5128	4809	4459	4074	3666	3242	2832	2432	2054	1705	1394	1125	898	715
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°	39.4°	53.9°	99.8%	99.4%