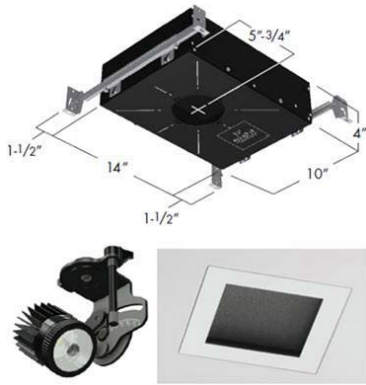


# Photometric / Colorimetric / Electric Report

**Fixture Model:**  
**804S-J2S-WD-4-15-PR1-8-350-FS-LG-P-1-WH-NL**

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

**Date:**  
**8/6/2024**



**Light efficiency:**  
**60 Lumen/Watt**

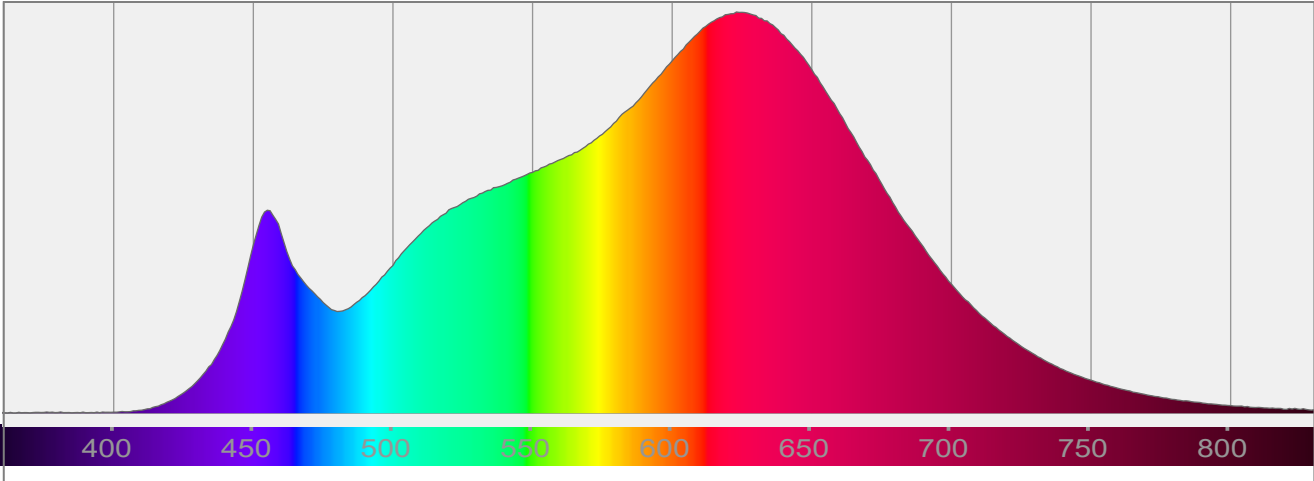
**Light quality:**  
**CRI: 96.5**

**Color temperature:**  
**2998 K**

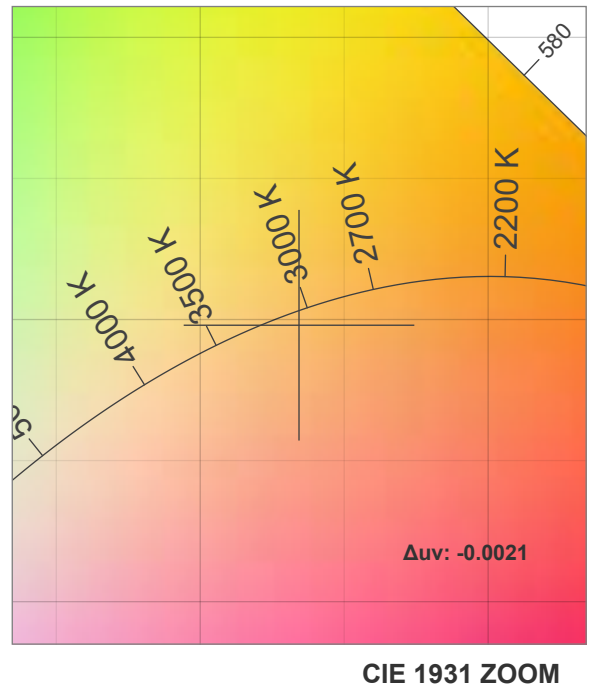
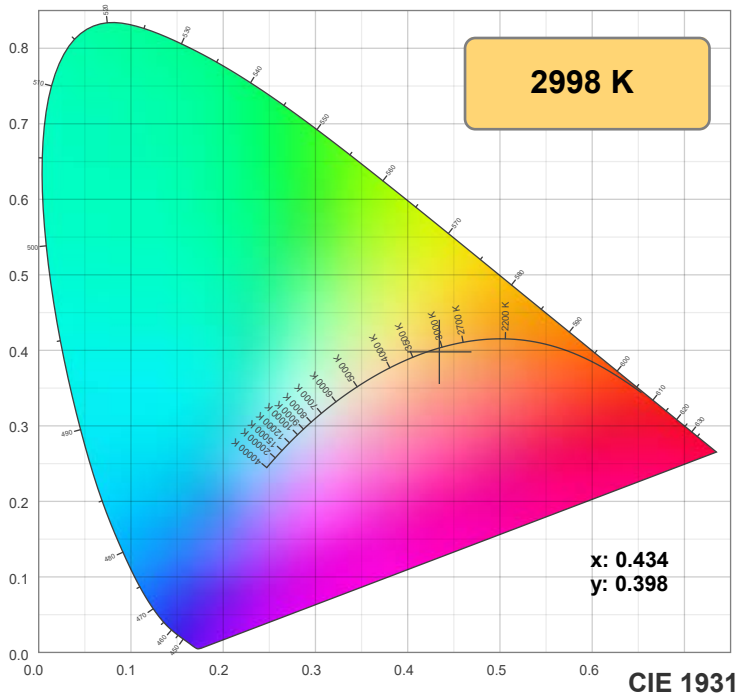
**CIE 1931:**  
**x: 0.434**  
**y: 0.398**

<b>Output:</b>	<b>867 lm</b>
<b>Peak:</b>	<b>4018 cd</b>
<b>Power:</b>	<b>14.5 W</b>
<b>PF:</b>	<b>0.99</b>

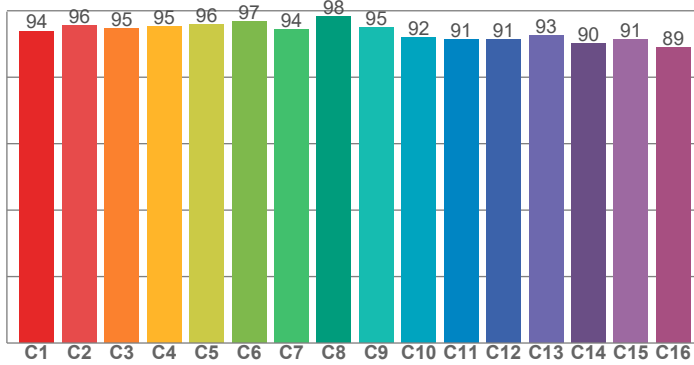
## Spectra:



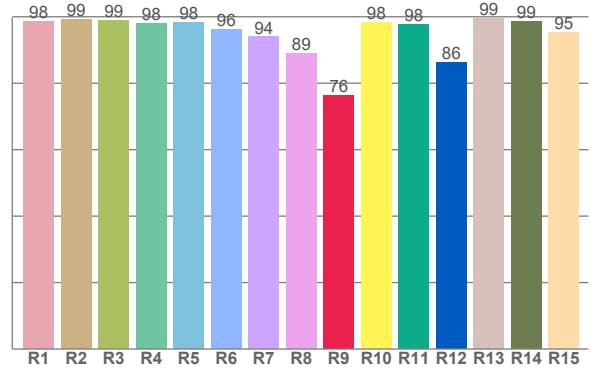
## Color Details



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
98.5	99.3	98.9	98.1	98.3	96.3	93.9	89.0	76.2	98.3	97.7	86.3	99.4	98.7	95.3

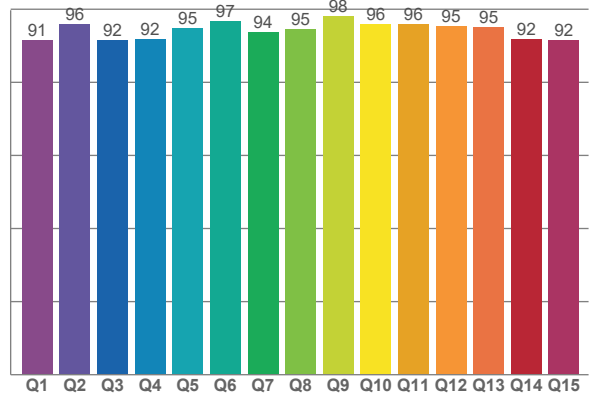
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
93.9	95.5	94.6	95.2	95.7	96.7	94.4	98.3	95.0	92.0	91.4	91.4	92.5	90.2	91.3	88.9

CQS Q values:

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
91.5	96.0	91.6	91.8	94.9	96.7	93.7	94.5	98.0	95.9	95.8	95.4	94.9	91.7	91.5

CQS: 93.8



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
2998 K	96.5	76.2	93.7	100.3	93.8	0.434	0.398	0.252	0.346	-0.0021

# TM-30 Details

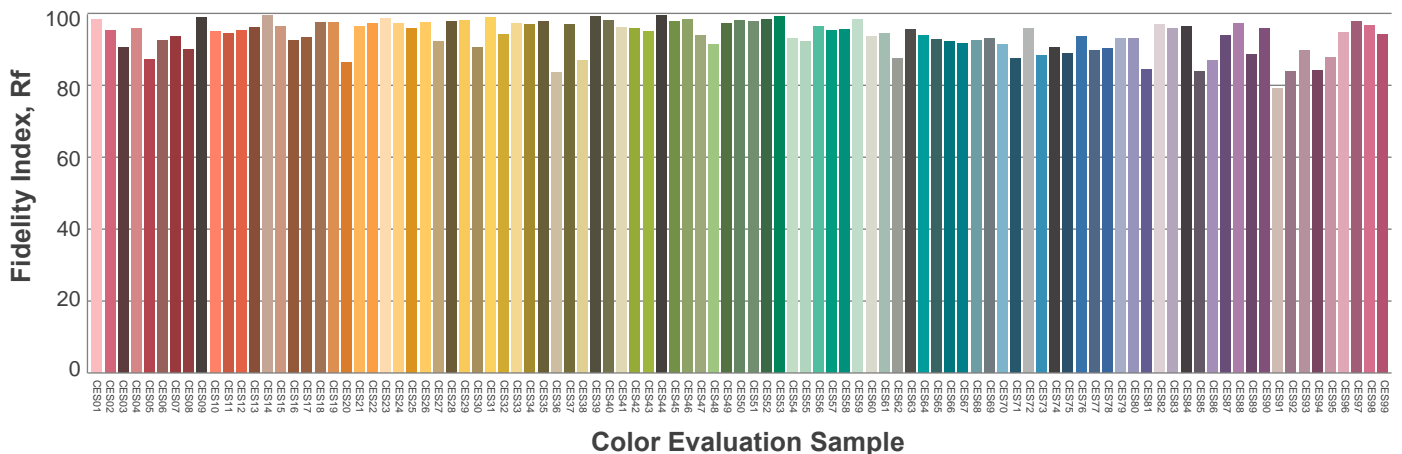
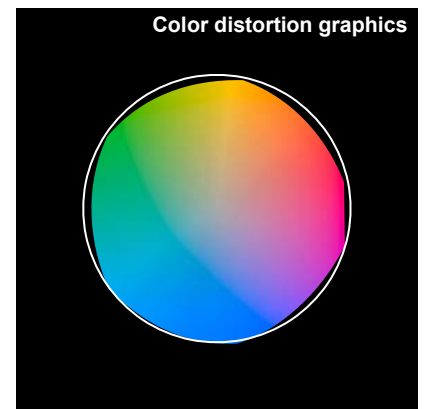
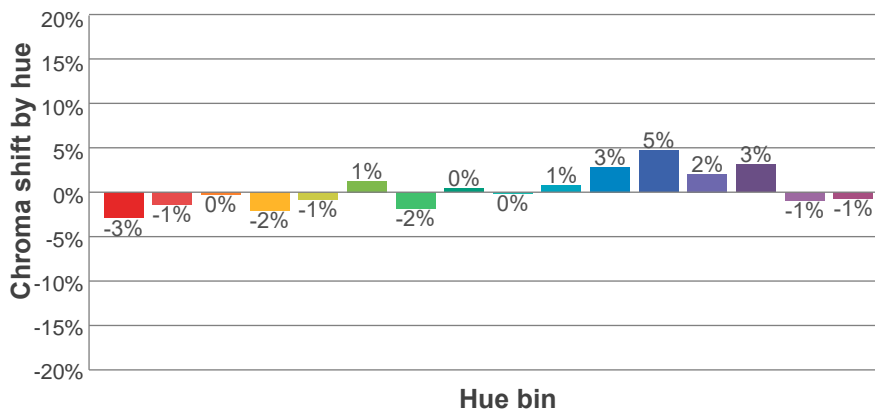
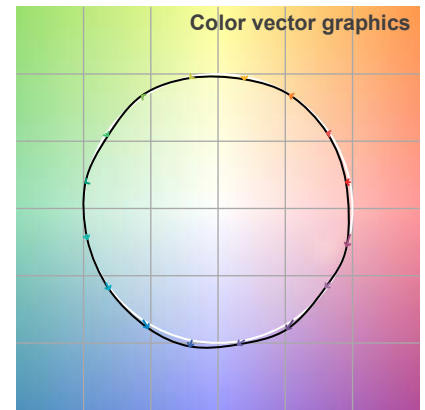
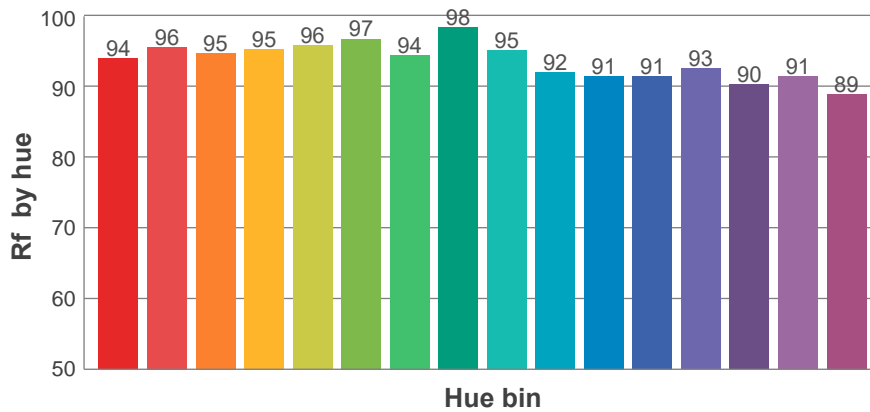
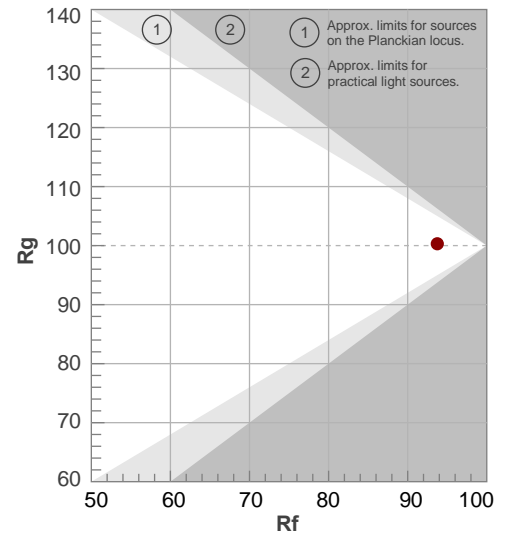
**Rf 93.7**

Fidelity index Rf

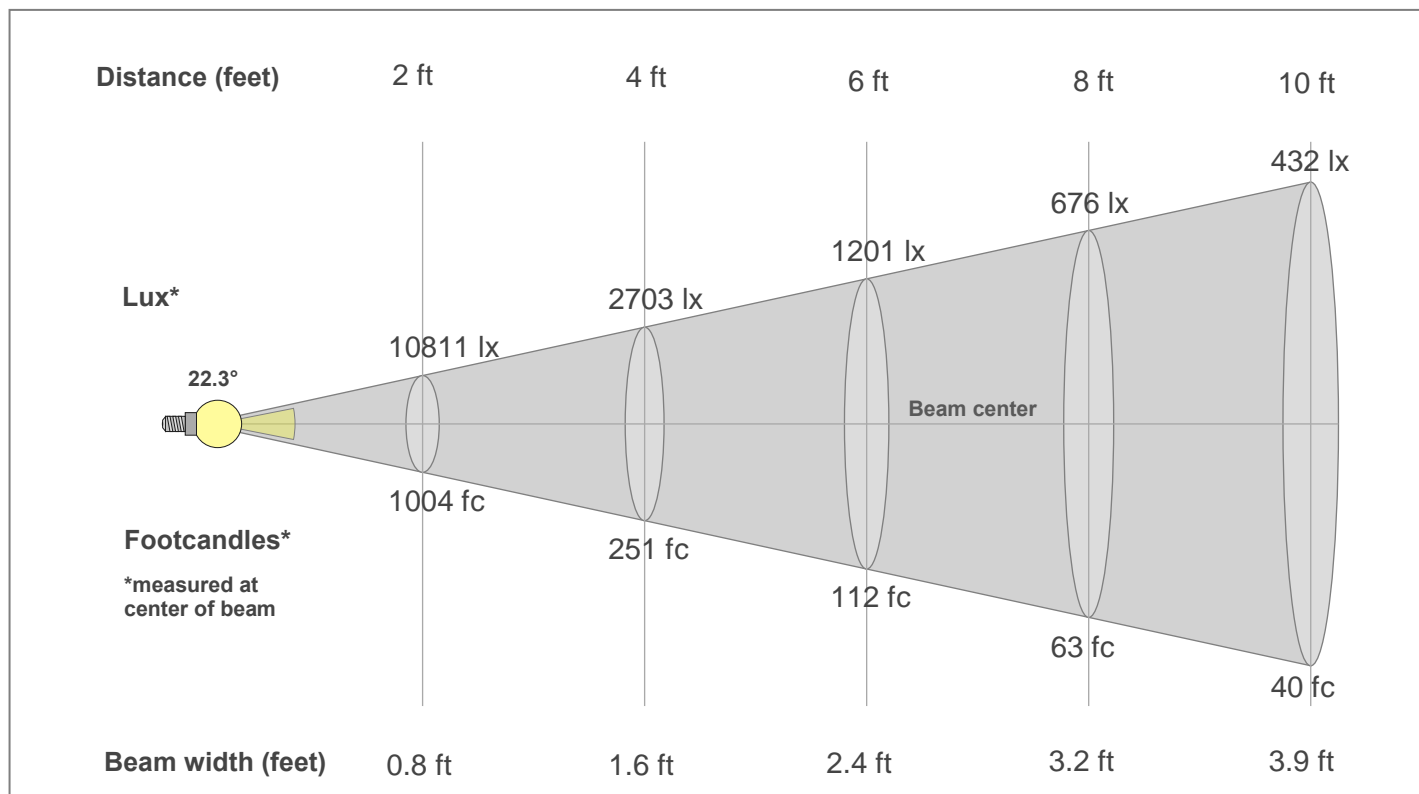
**Rg 100.3**

Gamut index Rg

Hue Bin	R <sub>f</sub>	Shifts (%)	
		Chroma	Hue
1	94	-3%	1%
2	96	-1%	1%
3	95	0%	2%
4	95	-2%	0%
5	96	-1%	1%
6	97	1%	1%
7	94	-2%	1%
8	98	0%	0%
9	95	0%	3%
10	92	1%	5%
11	91	3%	6%
12	91	5%	-1%
13	93	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
4018lx	1004lx	446lx	251lx	161lx	112lx	82lx	63lx	50lx	40lx	33lx	28lx	24lx	20lx	18lx	16lx	14lx	12lx	11lx	10lx
373.2fc	93.3fc	41.5fc	23.3fc	14.9fc	10.4fc	7.6fc	5.8fc	4.6fc	3.7fc	3.1fc	2.6fc	2.2fc	1.9fc	1.7fc	1.5fc	1.3fc	1.2fc	1fc	0.9fc

### 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°
4018	3936	3702	3308	2814	2284	1796	1393	1077	830	638	488	377	293	231	182	142	106	77	52
100%	98%	92%	82%	70%	57%	45%	35%	27%	21%	16%	12%	9%	7%	6%	5%	4%	3%	2%	1%

### 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°
4018	3943	3734	3354	2866	2327	1809	1375	1041	794	608	466	358	277	220	175	138	104	75	51
100%	98%	93%	83%	71%	58%	45%	34%	26%	20%	15%	12%	9%	7%	5%	4%	3%	3%	2%	1%

### 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°
4018	3936	3702	3308	2814	2284	1796	1393	1077	830	638	488	377	293	231	182	142	106	77	52
100%	98%	92%	82%	70%	57%	45%	35%	27%	21%	16%	12%	9%	7%	6%	5%	4%	3%	2%	1%

### 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°
4018	3943	3734	3354	2866	2327	1809	1375	1041	794	608	466	358	277	220	175	138	104	75	51
100%	98%	93%	83%	71%	58%	45%	34%	26%	20%	15%	12%	9%	7%	5%	4%	3%	3%	2%	1%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
22.3°	46.6°	68.6°	99.4%	99.1%