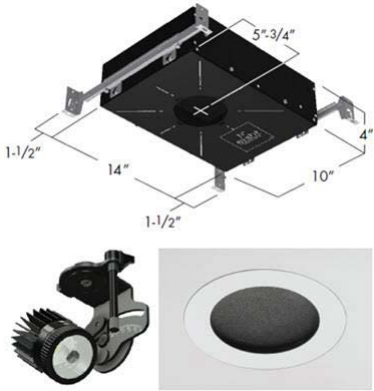


# Photometric / Colorimetric / Electric Report

**Fixture Model:**  
**804S-J2S-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:**  
**60 Lumen/Watt**

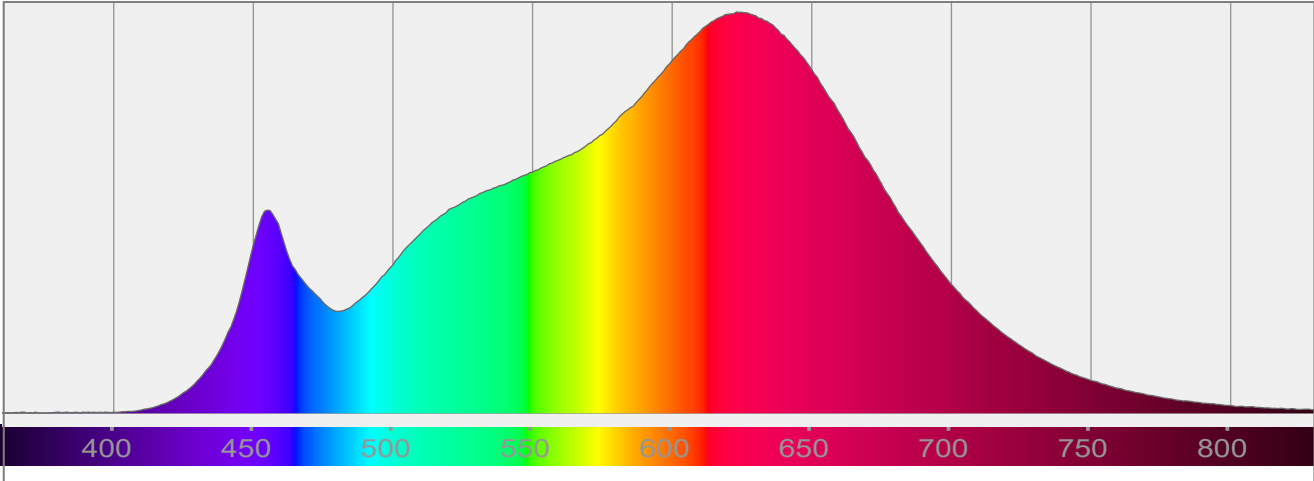
**Light quality:**  
**CRI: 96.5**

**Color temperature:**  
**3000 K**

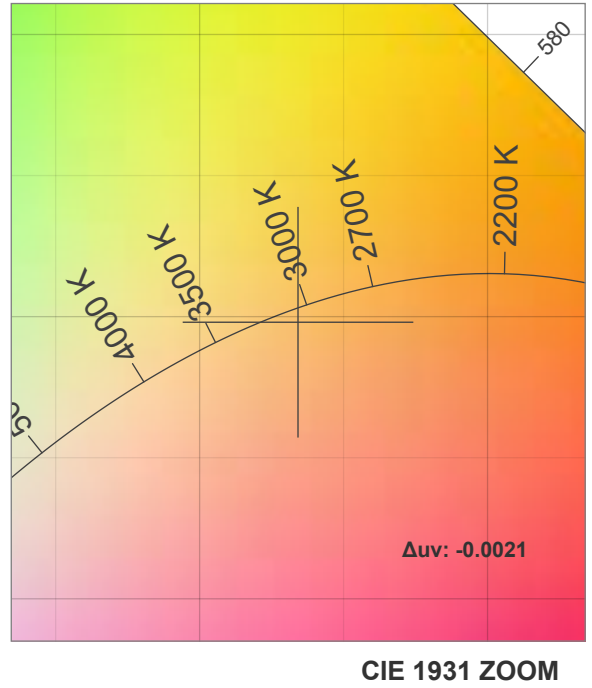
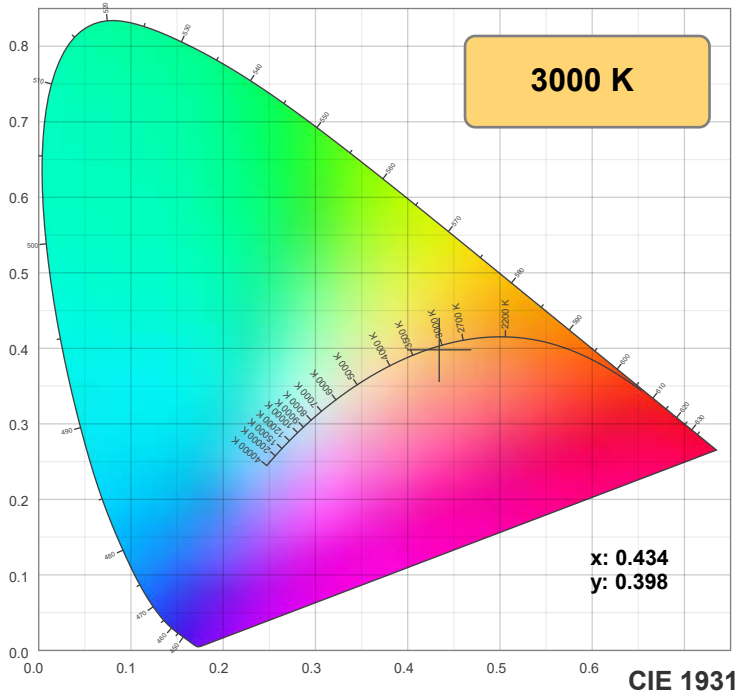
**CIE 1931:**  
**x: 0.434**  
**y: 0.398**

<b>Output:</b>	<b>868 lm</b>
<b>Peak:</b>	<b>4085 cd</b>
<b>Power:</b>	<b>14.5 W</b>
<b>PF:</b>	<b>0.99</b>

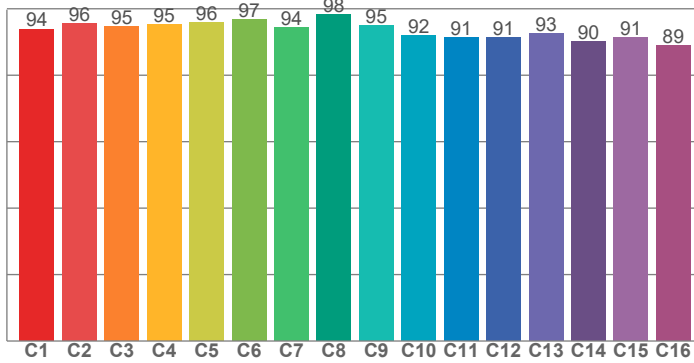
## Spectra:



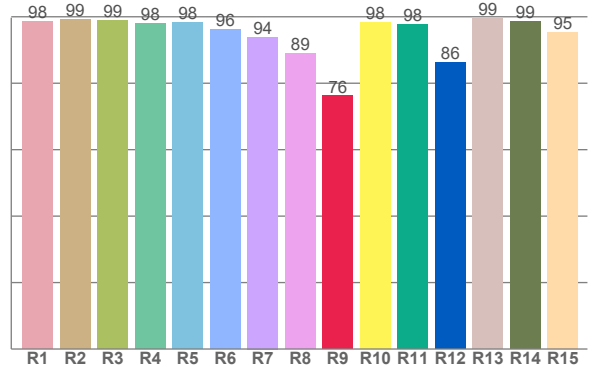
## Color Details



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	86.2	99.4	98.7	95.2

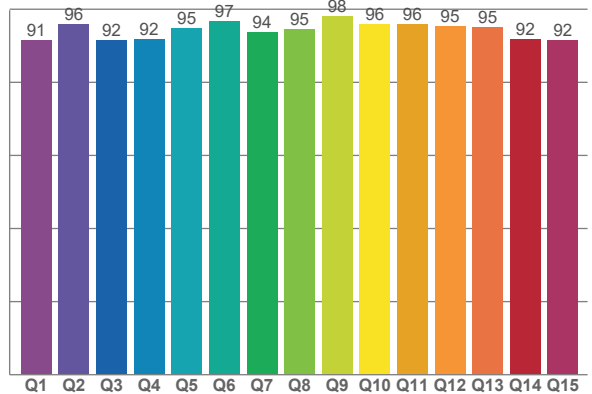
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
93.9	95.5	94.7	95.2	95.7	96.7	94.4	98.3	95.0	91.9	91.4	91.4	92.5	90.3	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	94.6	98.0	96.0	95.8	95.4	95.0	91.7	91.5

CQS: 93.8



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
3000 K	96.5	76.2	93.7	100.3	93.8	0.434	0.398	0.251	0.346	-0.0021

# TM-30 Details

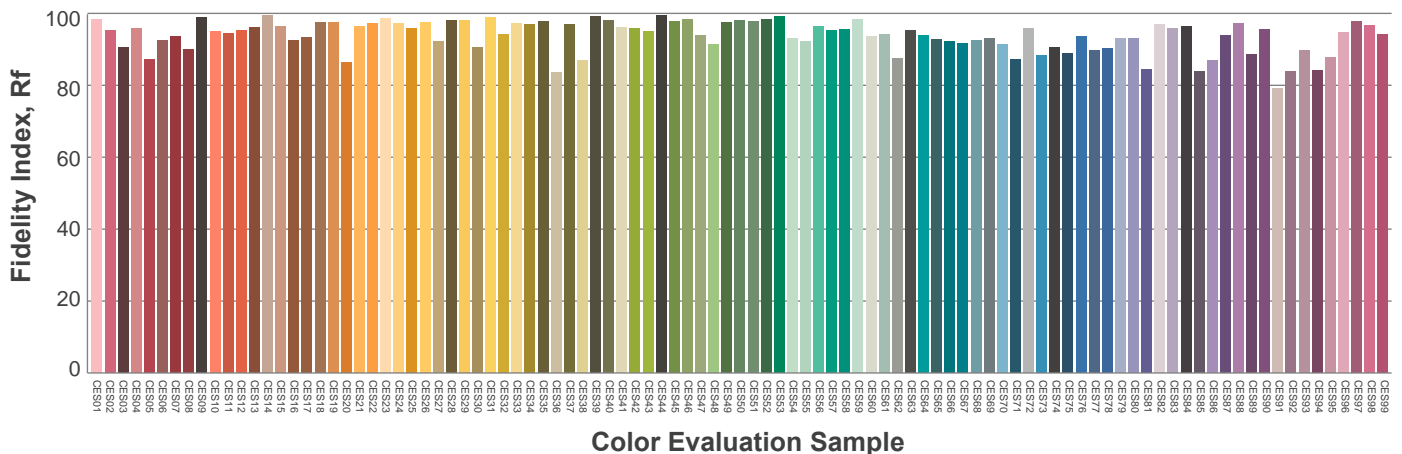
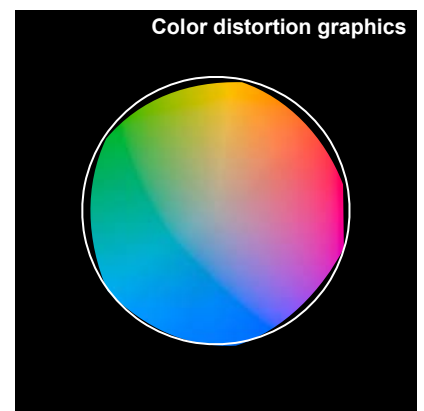
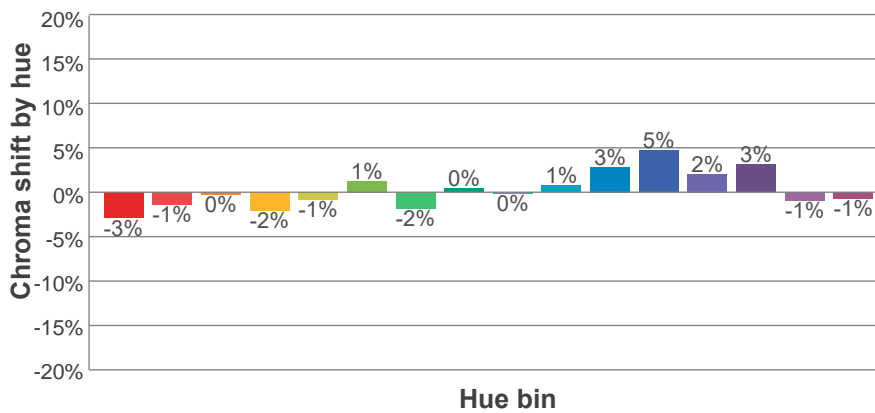
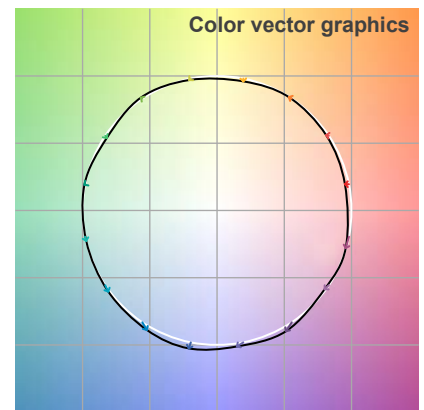
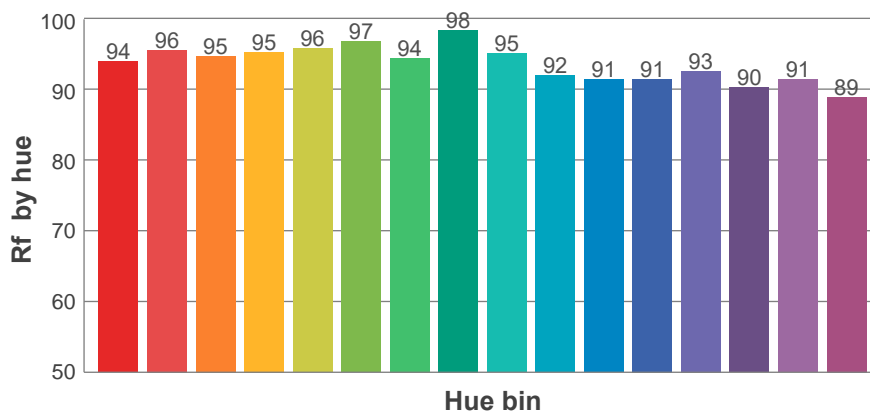
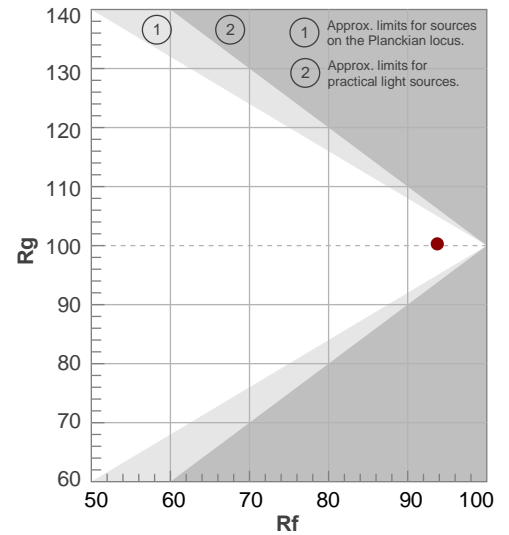
**Rf 93.7**

Fidelity index Rf

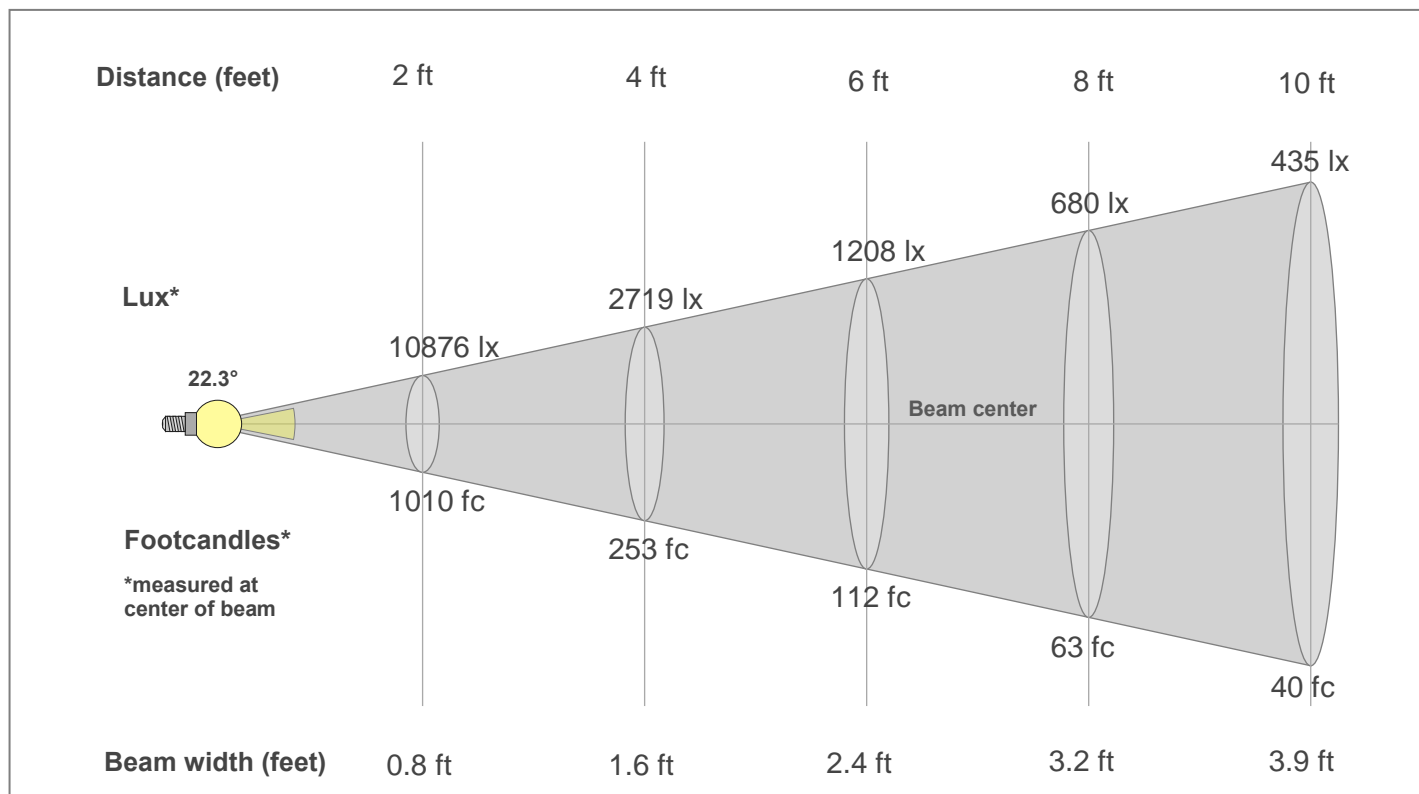
**Rg 100.3**

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
4042lx	1010lx	449lx	253lx	162lx	112lx	82lx	63lx	50lx	40lx	33lx	28lx	24lx	21lx	18lx	16lx	14lx	12lx	11lx	10lx
375.5fc	93.9fc	41.7fc	23.5fc	15fc	10.4fc	7.7fc	5.9fc	4.6fc	3.8fc	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°
4042	4002	3763	3365	2854	2316	1820	1412	1089	838	641	489	376	294	230	179	134	99	70	44
100%	99%	93%	83%	71%	57%	45%	35%	27%	21%	16%	12%	9%	7%	6%	4%	3%	2%	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°
4042	3931	3727	3360	2877	2336	1815	1377	1041	793	608	465	355	275	217	172	135	100	70	47
100%	97%	92%	83%	71%	58%	45%	34%	26%	20%	15%	12%	9%	7%	5%	4%	3%	2%	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°
4042	4002	3763	3365	2854	2316	1820	1412	1089	838	641	489	376	294	230	179	134	99	70	44
100%	99%	93%	83%	71%	57%	45%	35%	27%	21%	16%	12%	9%	7%	6%	4%	3%	2%	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°
4042	3931	3727	3360	2877	2336	1815	1377	1041	793	608	465	355	275	217	172	135	100	70	47
100%	97%	92%	83%	71%	58%	45%	34%	26%	20%	15%	12%	9%	7%	5%	4%	3%	2%	2%	1%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
22.3°	46.5°	67.8°	99.4%	99.0%