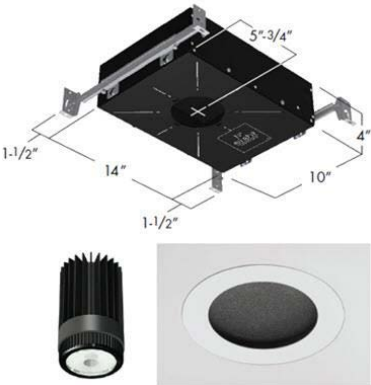


# Photometric / Colorimetric / Electric Report

**Fixture Model:**  
**804S-K2S-WD-4-25-PR1-8-350-FR-LG-P-1-WH-NL**

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

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



**Light efficiency:**  
**59 Lumen/Watt**

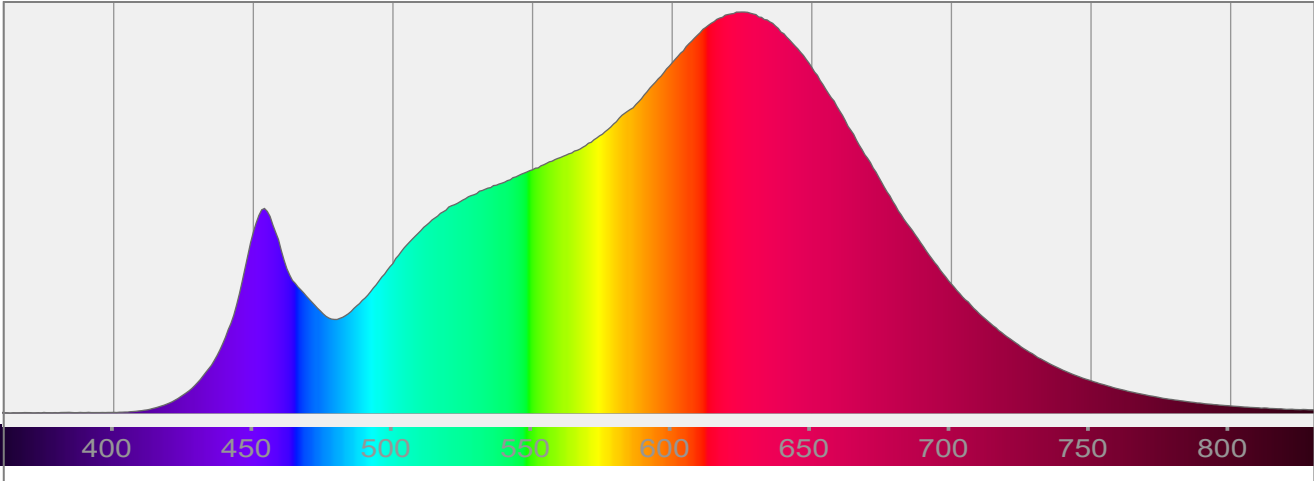
**Light quality:**  
**CRI: 96.7**

**Color temperature:**  
**3002 K**

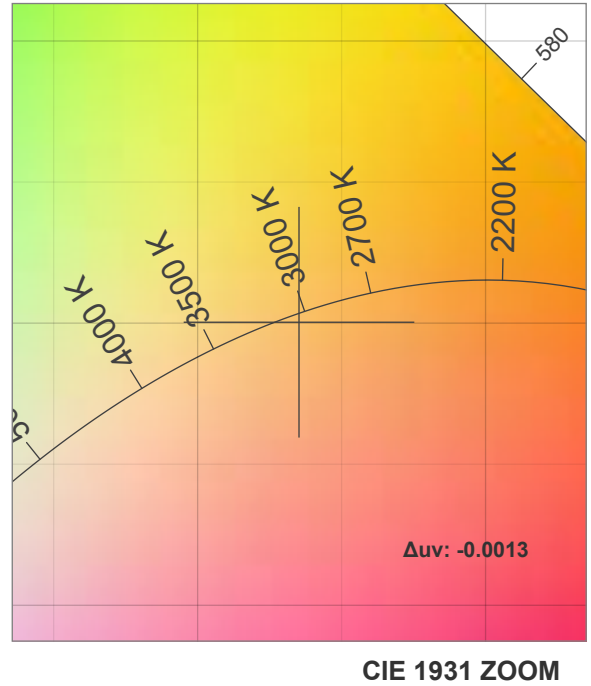
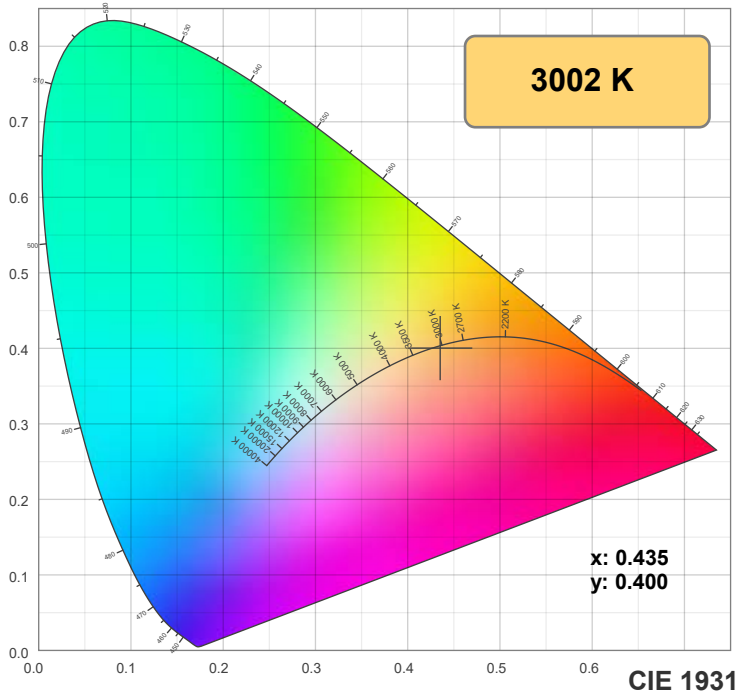
**CIE 1931:**  
**x: 0.435**  
**y: 0.400**

<b>Output:</b>	<b>863 lm</b>
<b>Peak:</b>	<b>2668 cd</b>
<b>Power:</b>	<b>14.6 W</b>
<b>PF:</b>	<b>0.99</b>

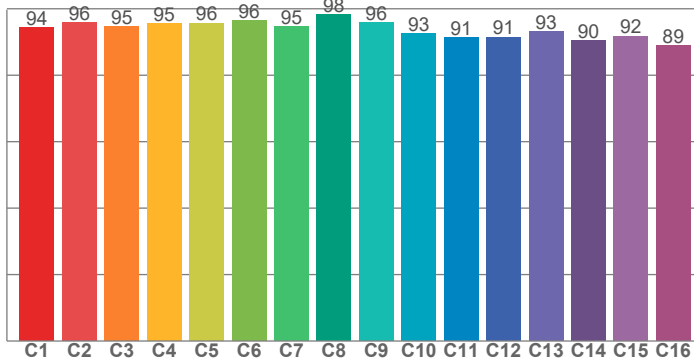
## Spectra:



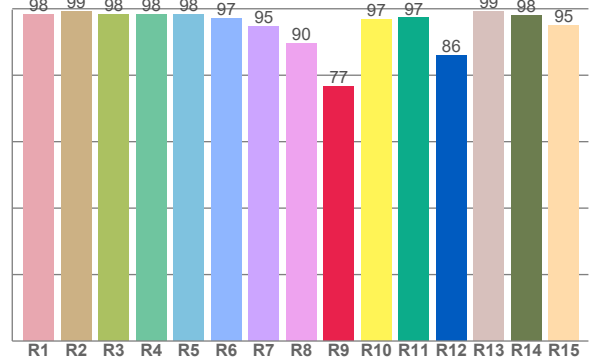
## Color Details



TM-30: 94.0



CRI: 96.7 (R1-R8)



CRI R Values:

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.4	99.1	98.3	98.3	98.2	97.0	94.8	89.7	76.7	96.9	97.2	85.9	99.1	98.1	95.1

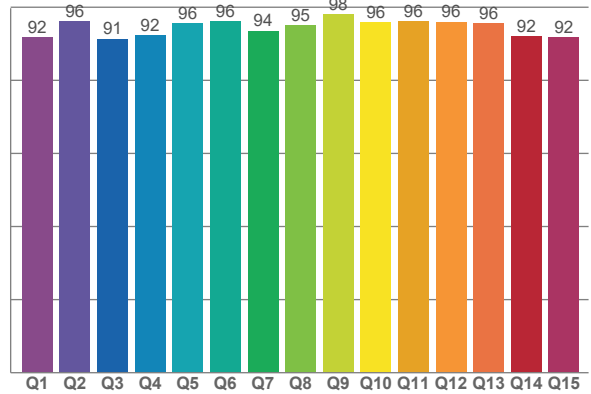
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94.3	95.9	94.6	95.5	95.7	96.5	94.7	98.3	95.9	92.6	91.4	91.5	93.0	90.5	91.8	88.9

CQS Q values:

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
91.8	96.3	91.4	92.2	95.6	96.0	93.6	95.0	98.2	95.9	96.2	96.0	95.7	91.9	91.8

CQS: 94.0



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	$\Delta uv$
3002 K	96.7	76.7	94.0	100.6	94.0	0.435	0.400	0.251	0.346	-0.0013

# TM-30 Details

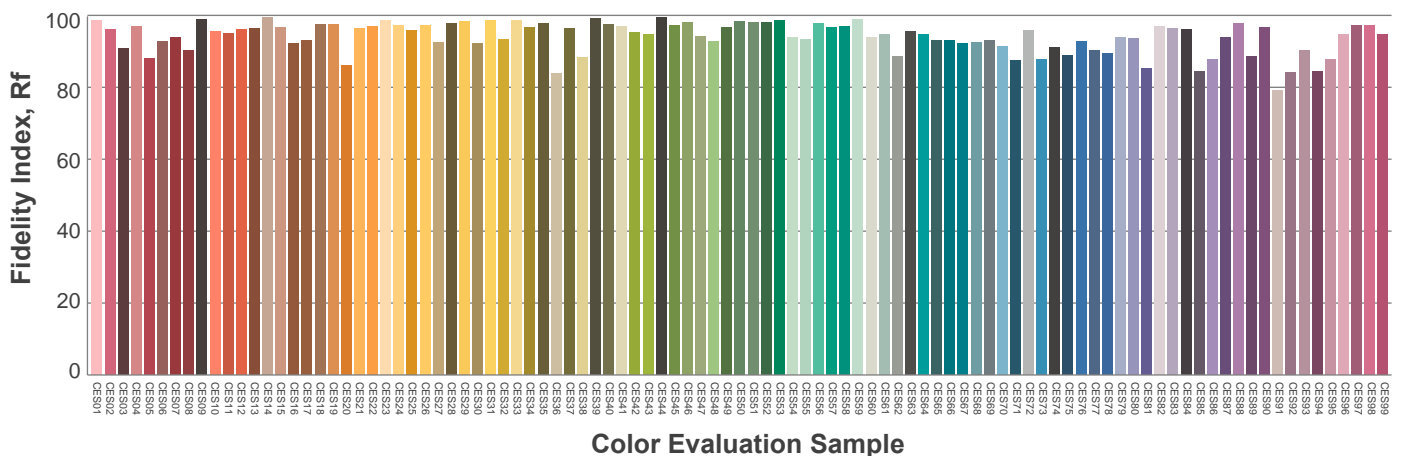
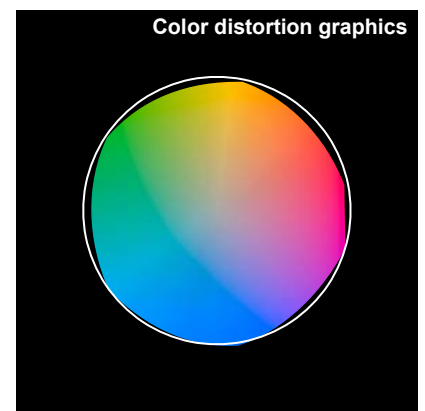
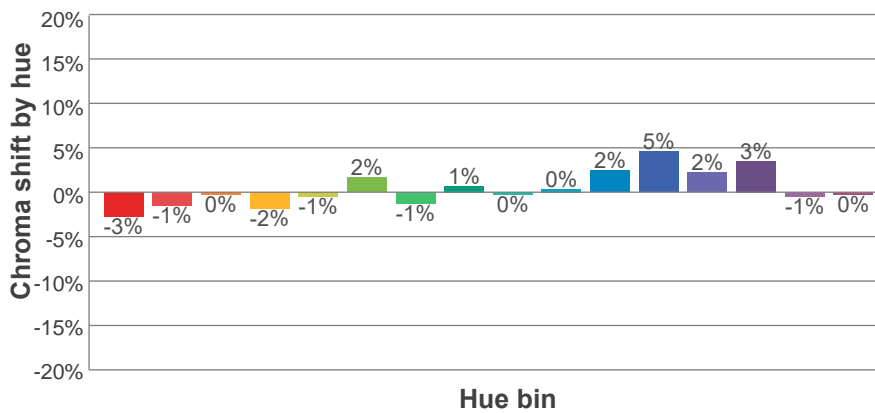
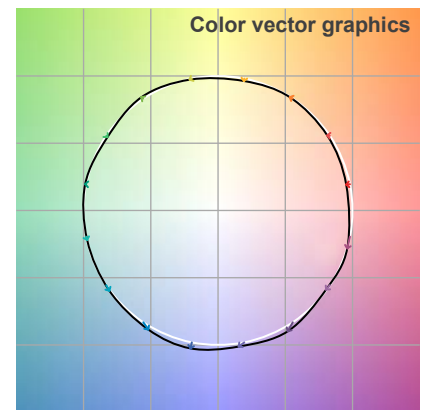
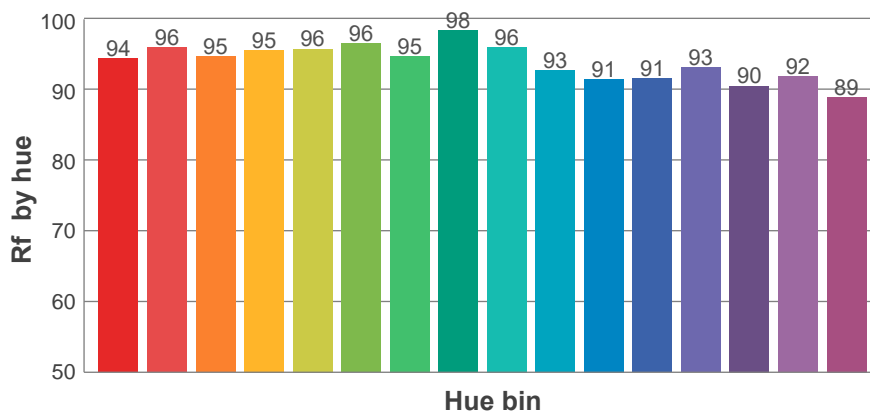
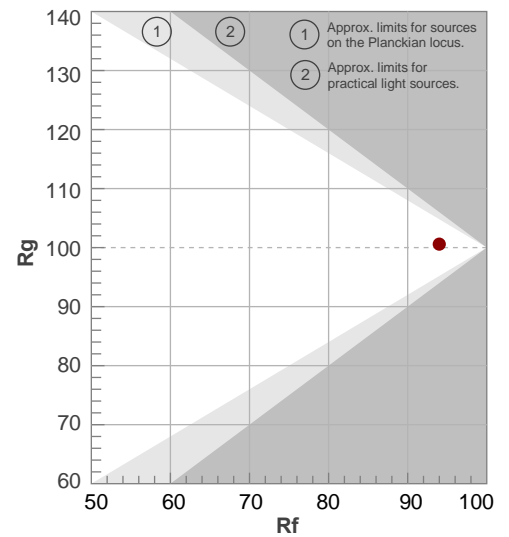
**Rf 94.0**

Fidelity index Rf

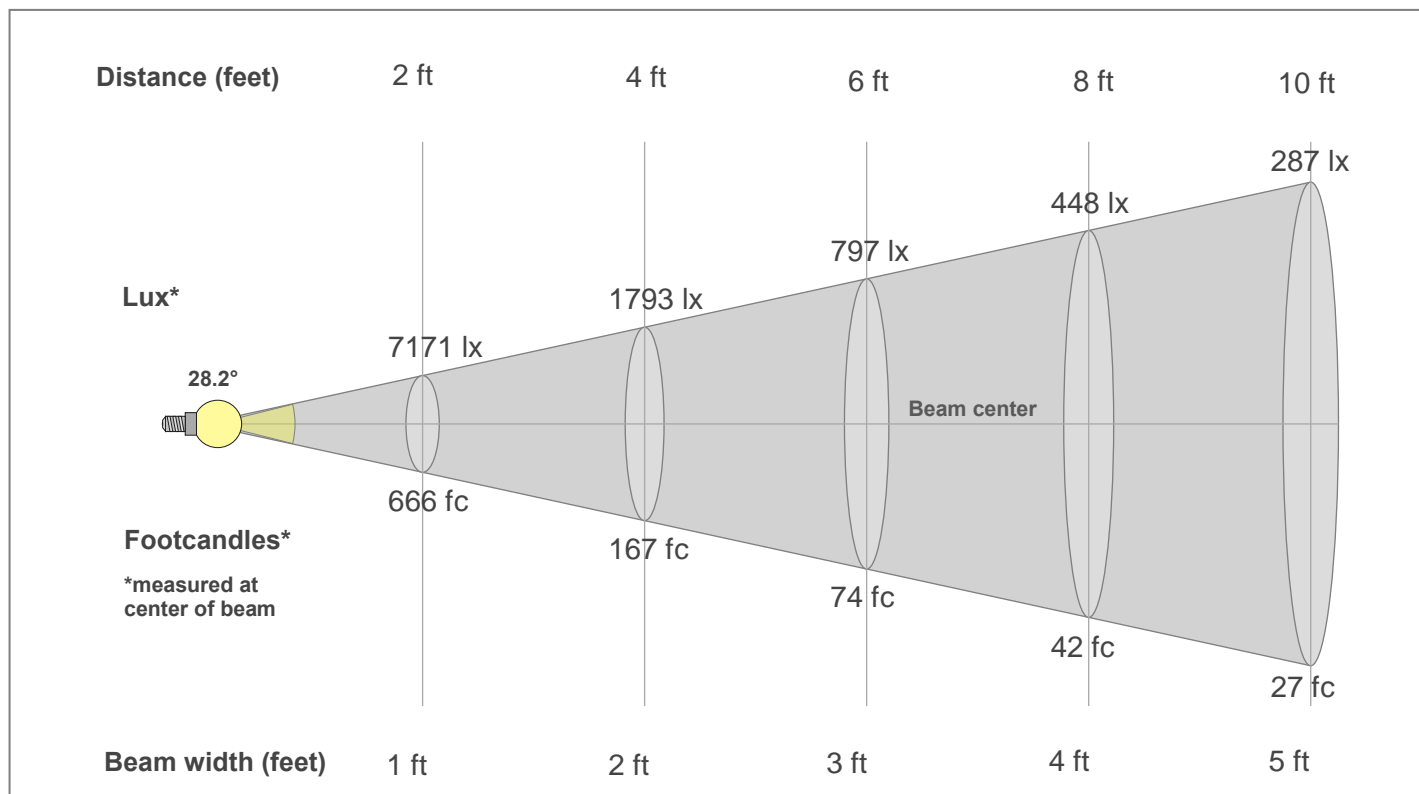
**Rg 100.6**

Gamut index Rg

Hue Bin	R <sub>f</sub>	Shifts (%)	
		Chroma	Hue
1	94	-3%	0%
2	96	-1%	1%
3	95	0%	2%
4	95	-2%	0%
5	96	-1%	2%
6	96	2%	1%
7	95	-1%	0%
8	98	1%	0%
9	96	0%	2%
10	93	0%	5%
11	91	2%	6%
12	91	5%	0%
13	93	2%	-5%
14	90	3%	-7%
15	92	-1%	-4%
16	89	0%	-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
2665lx	666lx	296lx	167lx	107lx	74lx	54lx	42lx	33lx	27lx	22lx	19lx	16lx	14lx	12lx	10lx	9lx	8lx	7lx	7lx
247.6fc	61.9fc	27.5fc	15.5fc	9.9fc	6.9fc	5.1fc	3.9fc	3.1fc	2.5fc	2fc	1.7fc	1.5fc	1.3fc	1.1fc	1fc	0.9fc	0.8fc	0.7fc	0.6fc

### 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°
2665	2630	2516	2338	2119	1873	1614	1354	1106	888	698	543	420	329	260	209	171	142	119	99
100%	99%	94%	88%	80%	70%	61%	51%	42%	33%	26%	20%	16%	12%	10%	8%	6%	5%	4%	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°
2665	2622	2509	2331	2112	1865	1605	1342	1094	874	685	530	407	317	250	201	165	137	115	97
100%	98%	94%	87%	79%	70%	60%	50%	41%	33%	26%	20%	15%	12%	9%	8%	6%	5%	4%	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°
2665	2630	2516	2338	2119	1873	1614	1354	1106	888	698	543	420	329	260	209	171	142	119	99
100%	99%	94%	88%	80%	70%	61%	51%	42%	33%	26%	20%	16%	12%	10%	8%	6%	5%	4%	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°
2665	2622	2509	2331	2112	1865	1605	1342	1094	874	685	530	407	317	250	201	165	137	115	97
100%	98%	94%	87%	79%	70%	60%	50%	41%	33%	26%	20%	15%	12%	9%	8%	6%	5%	4%	4%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
28.2°	55.3°	84.7°	99.3%	96.1%