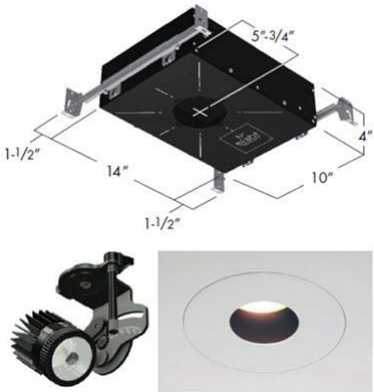


# Photometric / Colorimetric / Electric Report

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

**Trim Model:**  
**FR-P-1-WH**

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



**Light efficiency:**  
**52 Lumen/Watt**

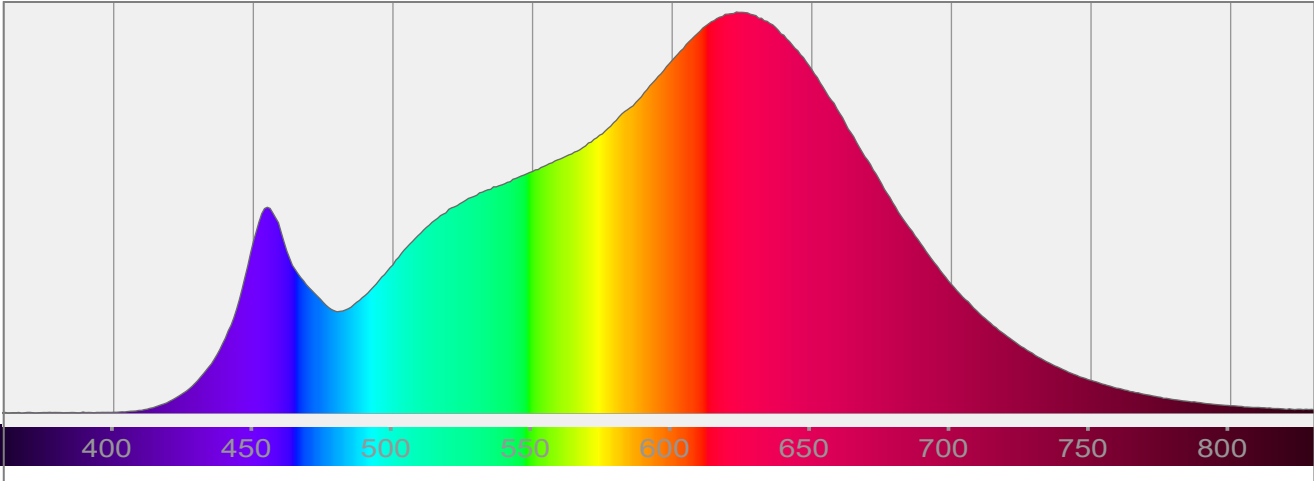
**Light quality:**  
**CRI: 96.5**

**Color temperature:**  
**3005 K**

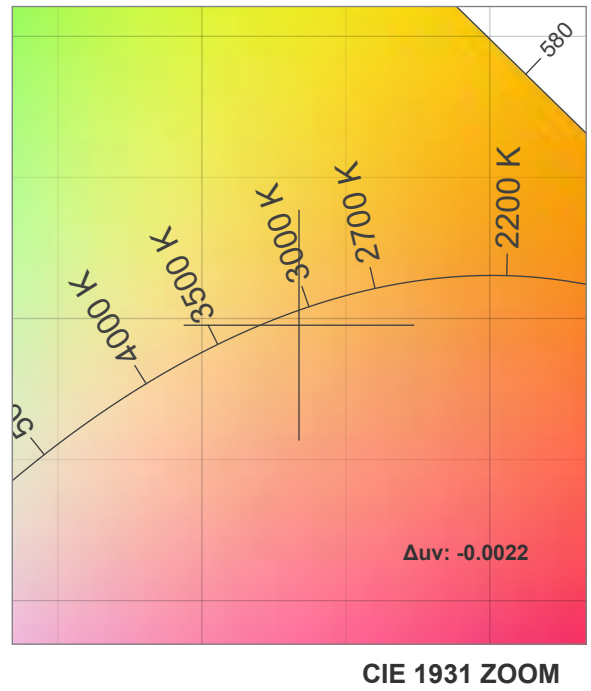
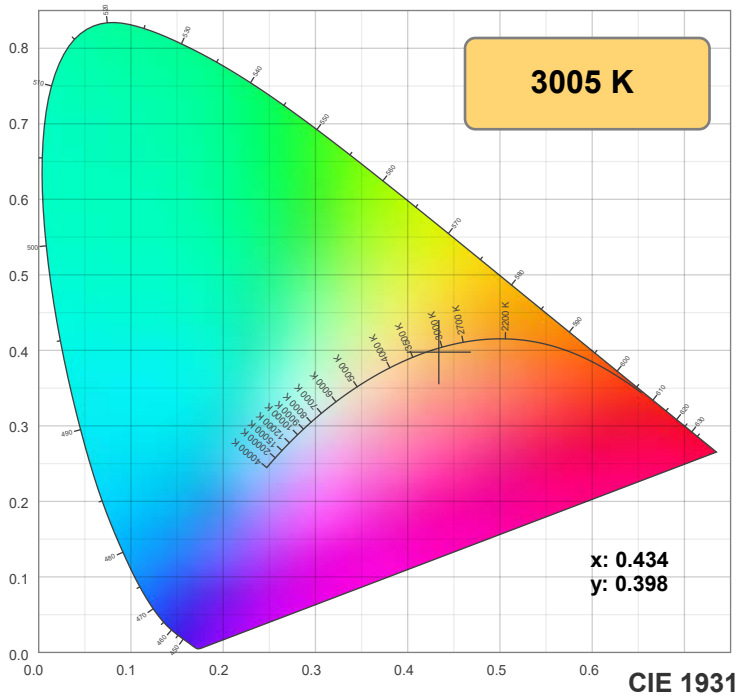
**CIE 1931:**  
**x: 0.434**  
**y: 0.398**

<b>Output:</b>	<b>750 lm</b>
<b>Peak:</b>	<b>4079 cd</b>
<b>Power:</b>	<b>14.5 W</b>
<b>PF:</b>	<b>0.99</b>

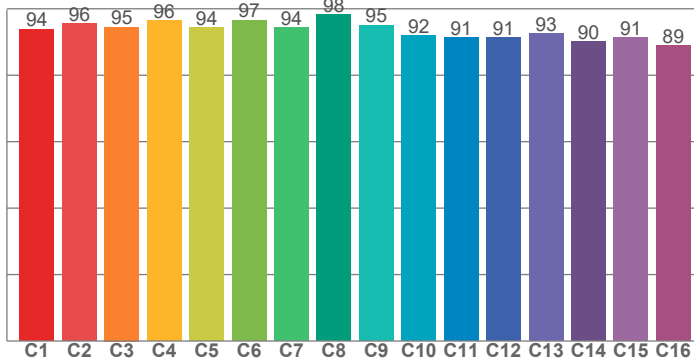
## Spectra:



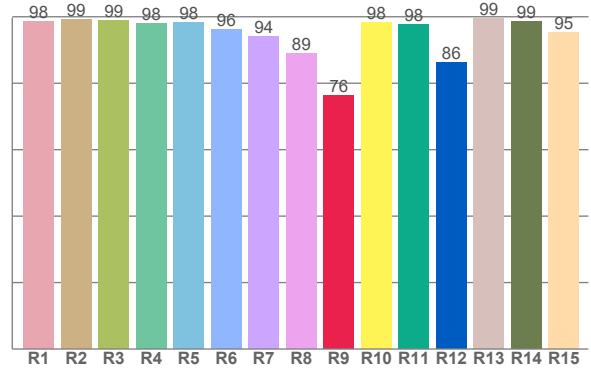
## Color Details



**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	98.8	98.1	98.3	96.3	93.9	89.0	76.3	98.2	97.6	86.1	99.4	98.7	95.3

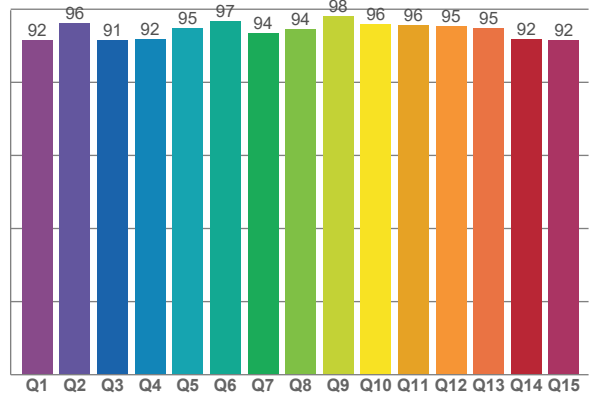
**TM30 C Values:**

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
93.9	95.5	94.5	96.4	94.3	96.6	94.4	98.3	95.1	91.9	91.3	91.4	92.6	90.2	91.4	88.8

**CQS Q values:**

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
91.5	96.1	91.4	91.7	94.9	96.6	93.5	94.5	98.1	95.9	95.7	95.3	94.9	91.7	91.5

**CQS: 93.7**



**Color Parameters:**

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
3005 K	96.5	76.3	93.7	100.3	93.7	0.434	0.398	0.251	0.346	-0.0022

# TM-30 Details

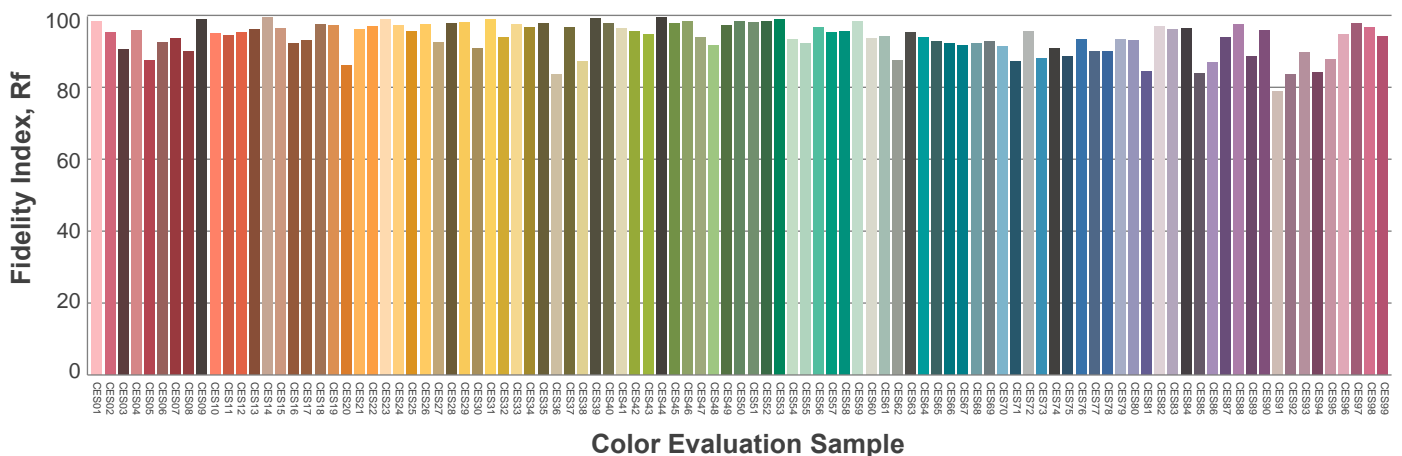
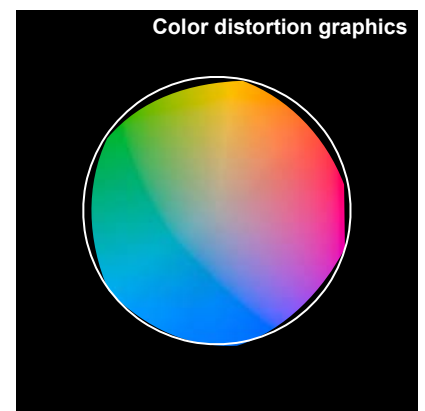
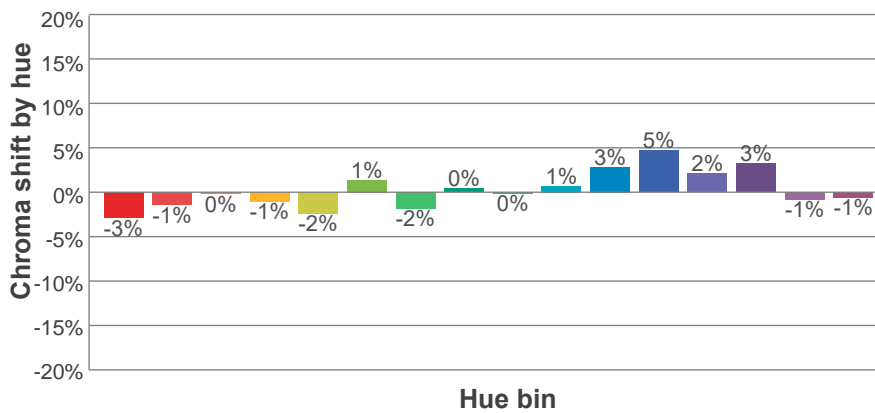
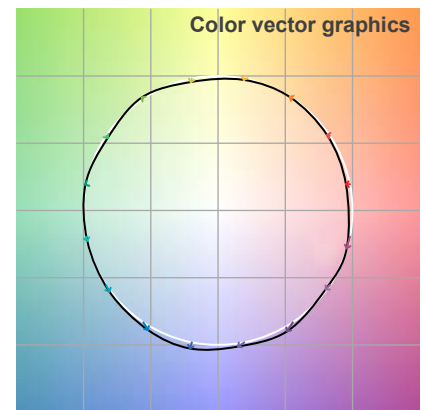
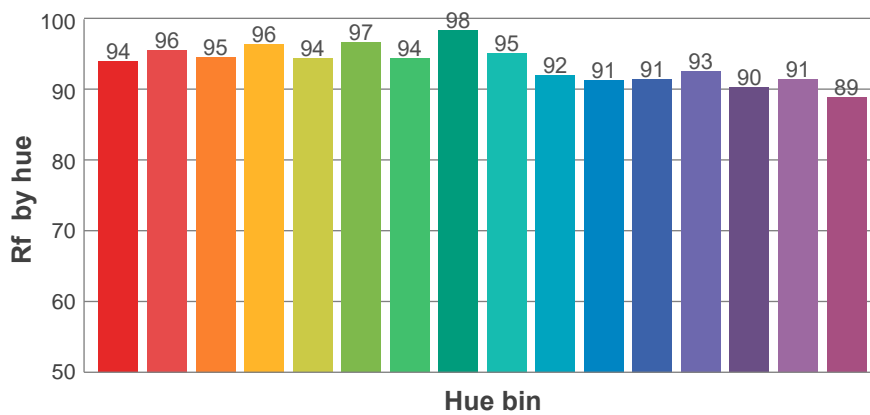
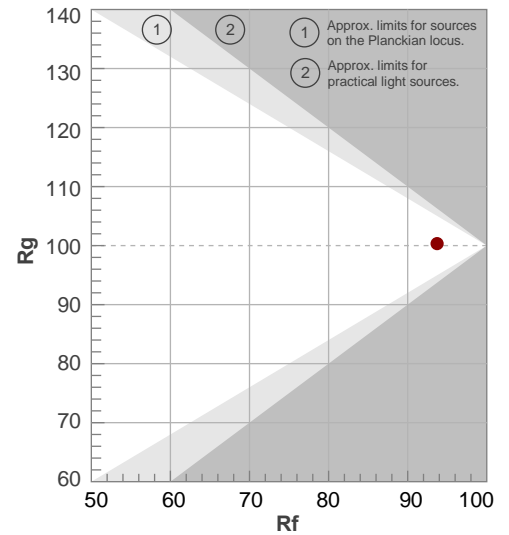
**Rf 93.7**

Fidelity index Rf

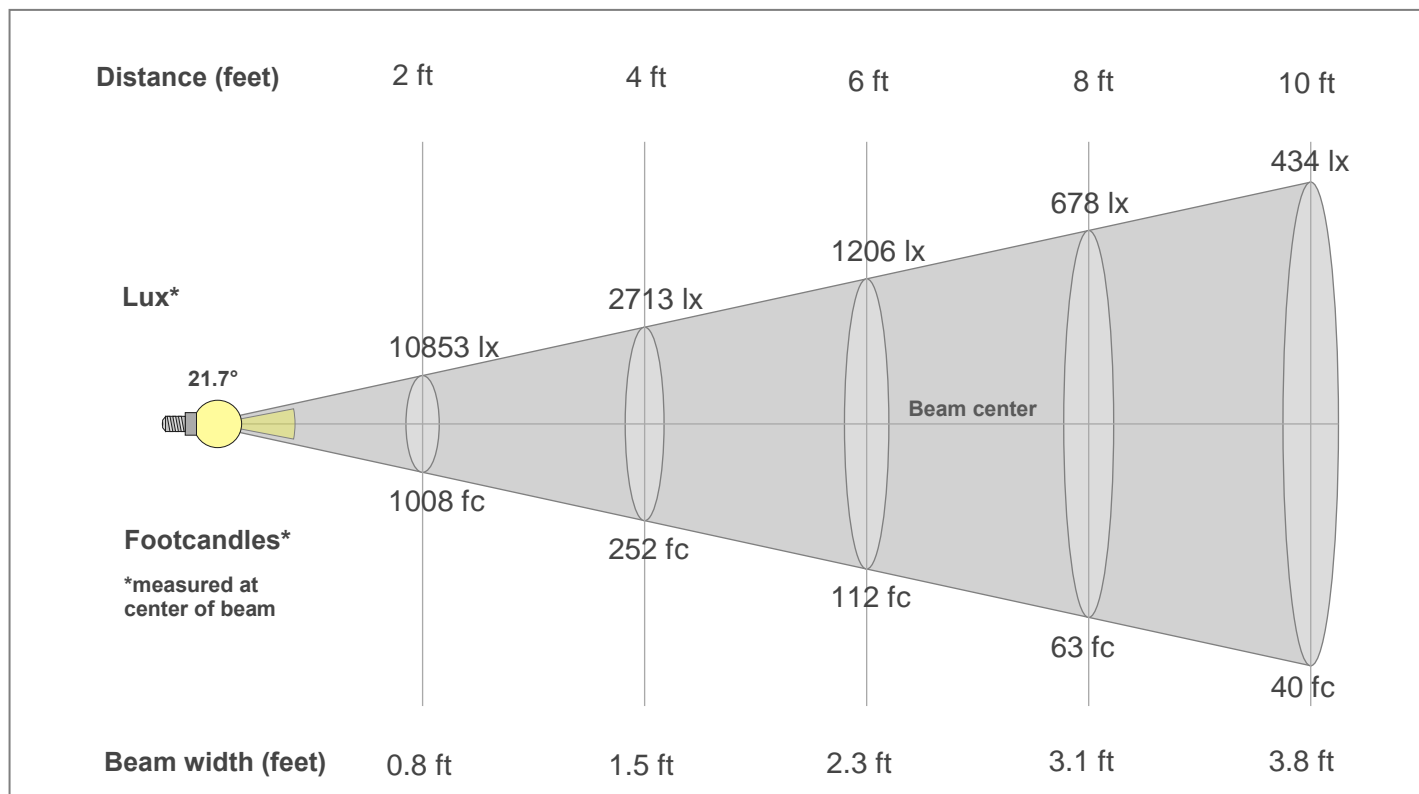
**Rg 100.3**

Gamut index Rg

Hue Bin	R <sub>f</sub>	Shifts (%)	
		Chroma	Hue
1	94	-3%	1%
2	96	-1%	2%
3	95	0%	3%
4	96	-1%	0%
5	94	-2%	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
4033lx	1008lx	448lx	252lx	161lx	112lx	82lx	63lx	50lx	40lx	33lx	28lx	24lx	21lx	18lx	16lx	14lx	12lx	11lx	10lx
374.7fc	93.7fc	41.6fc	23.4fc	15fc	10.4fc	7.6fc	5.9fc	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°
4033	3974	3704	3277	2753	2214	1719	1323	1016	773	574	416	293	192	118	73	40	21	13	8
100%	99%	92%	81%	68%	55%	43%	33%	25%	19%	14%	10%	7%	5%	3%	2%	1%	1%	0%	0%

### 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°
4033	3930	3719	3333	2823	2267	1737	1299	971	736	555	405	282	190	119	64	34	21	13	9
100%	97%	92%	83%	70%	56%	43%	32%	24%	18%	14%	10%	7%	5%	3%	2%	1%	1%	0%	0%

### 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°
4033	3974	3704	3277	2753	2214	1719	1323	1016	773	574	416	293	192	118	73	40	21	13	8
100%	99%	92%	81%	68%	55%	43%	33%	25%	19%	14%	10%	7%	5%	3%	2%	1%	1%	0%	0%

### 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°
4033	3930	3719	3333	2823	2267	1737	1299	971	736	555	405	282	190	119	64	34	21	13	9
100%	97%	92%	83%	70%	56%	43%	32%	24%	18%	14%	10%	7%	5%	3%	2%	1%	1%	0%	0%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
21.7°	44.2°	57.2°	99.5%	99.5%