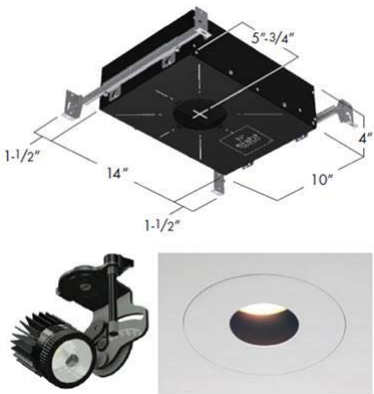


Photometric / Colorimetric / Electric Report

Fixture Model:
804S-J2S-WD-4-25-PR1-8-350-FR-P-1-WH

Trim Model:
FR-P-1-WH

Date:
8/6/2024



Light efficiency:
43 Lumen/Watt

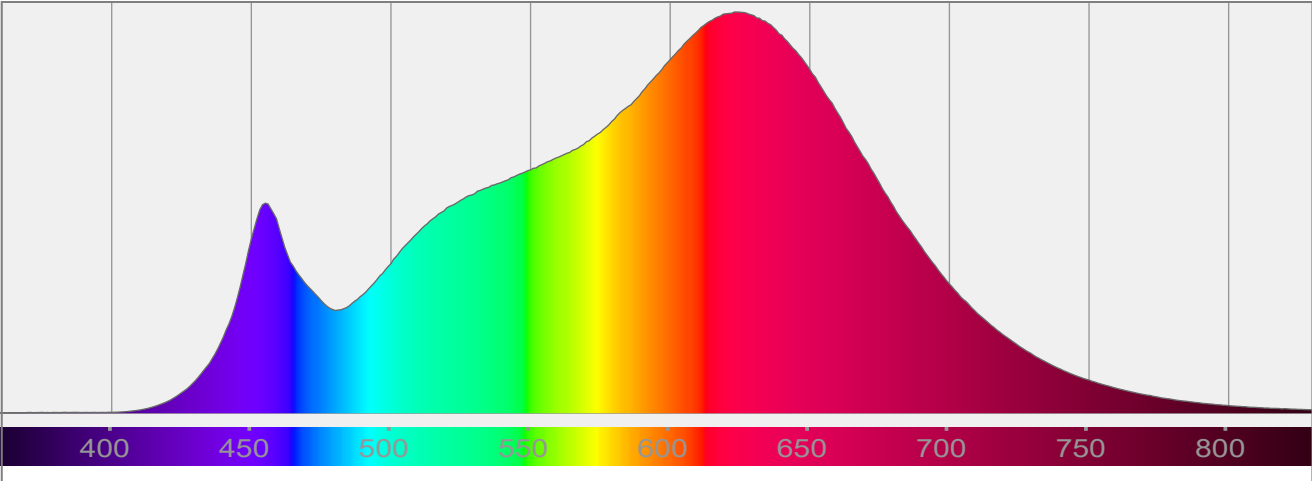
Light quality:
CRI: 96.5

Color temperature:
3020 K

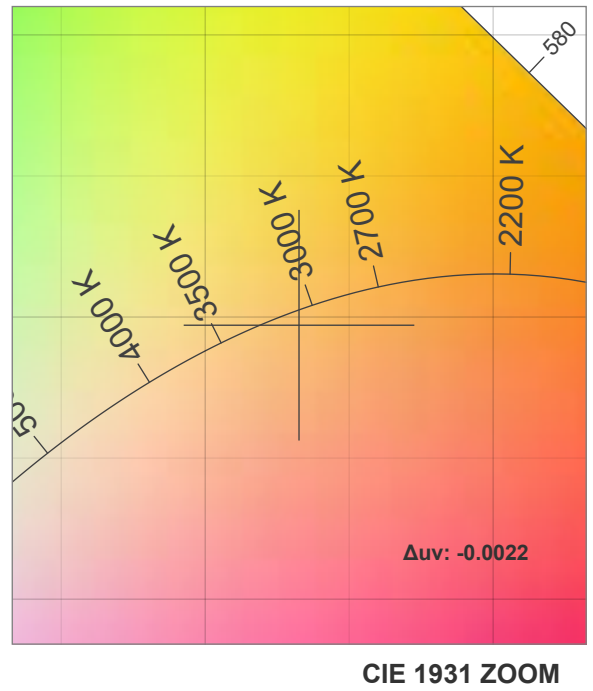
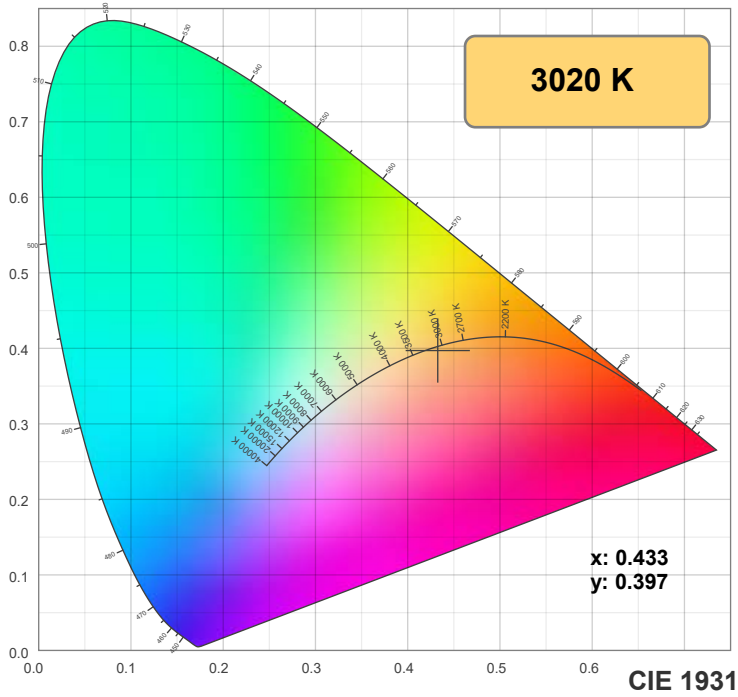
CIE 1931:
x: 0.433
y: 0.397

Output:	628 lm
Peak:	2559 cd
Power:	14.6 W
PF:	0.99

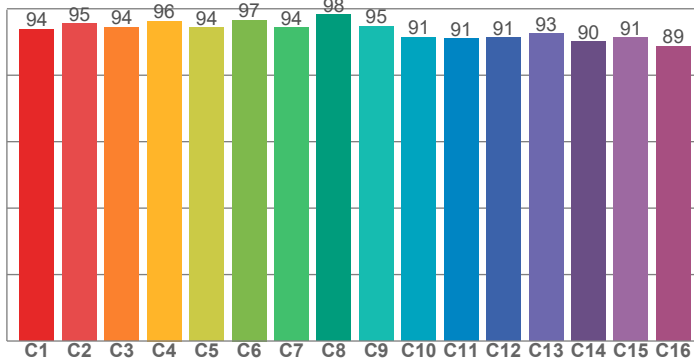
Spectra:



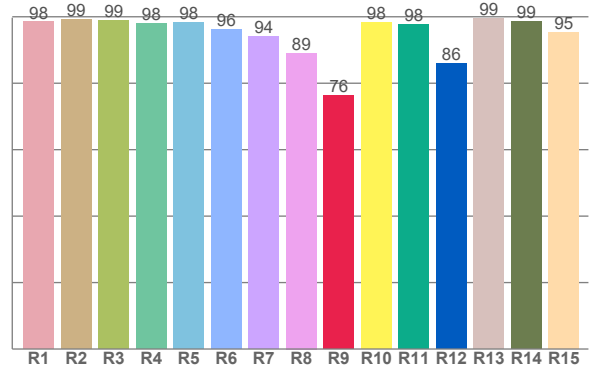
Color Details



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	98.0	98.3	96.3	93.9	89.1	76.4	98.2	97.6	85.9	99.4	98.7	95.3

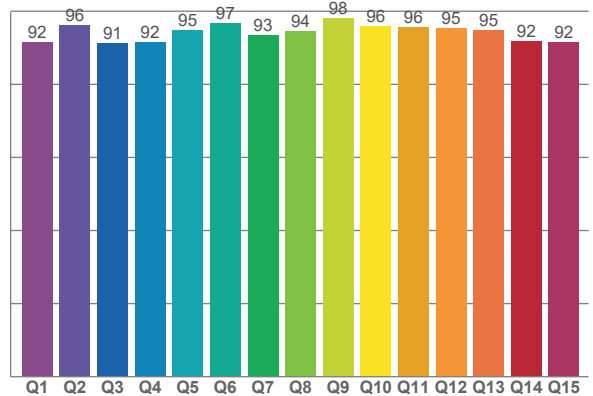
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
93.9	95.5	94.5	96.3	94.3	96.6	94.3	98.4	94.8	91.5	91.1	91.4	92.6	90.3	91.4	88.8

CQS Q values:

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
91.6	96.1	91.3	91.5	94.8	96.6	93.5	94.5	98.1	95.8	95.7	95.2	94.9	91.7	91.6

CQS: 93.7



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
3020 K	96.5	76.4	93.7	100.3	93.7	0.433	0.397	0.251	0.345	-0.0022

TM-30 Details

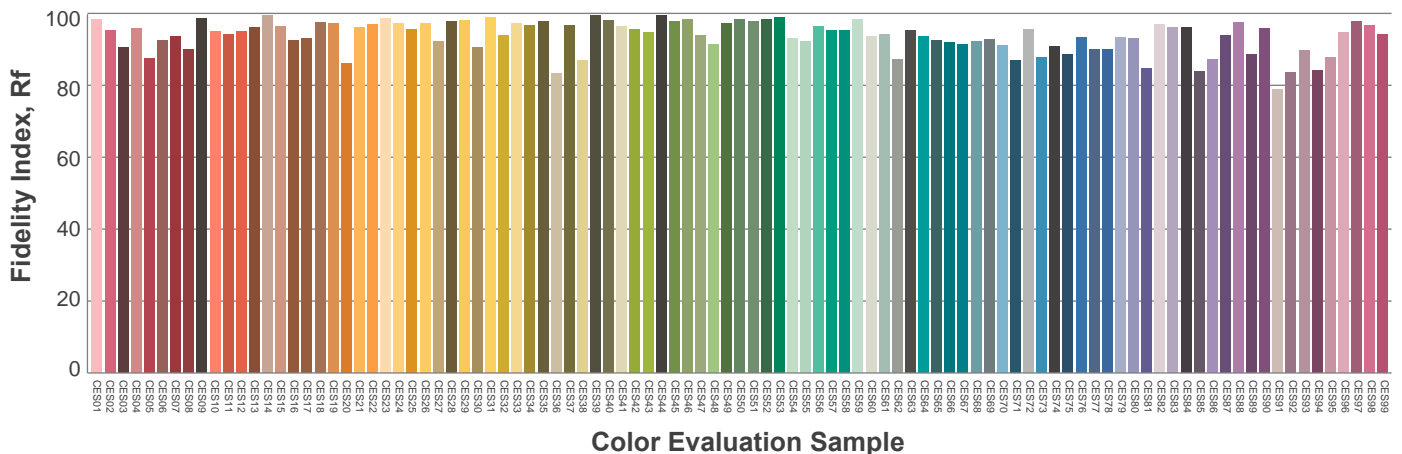
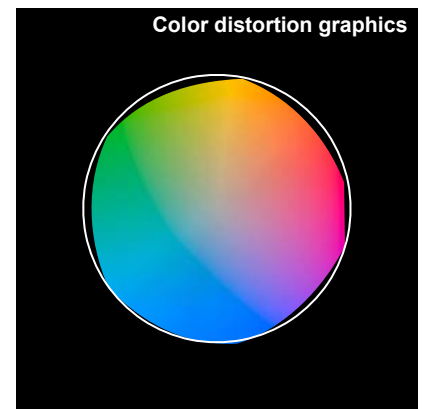
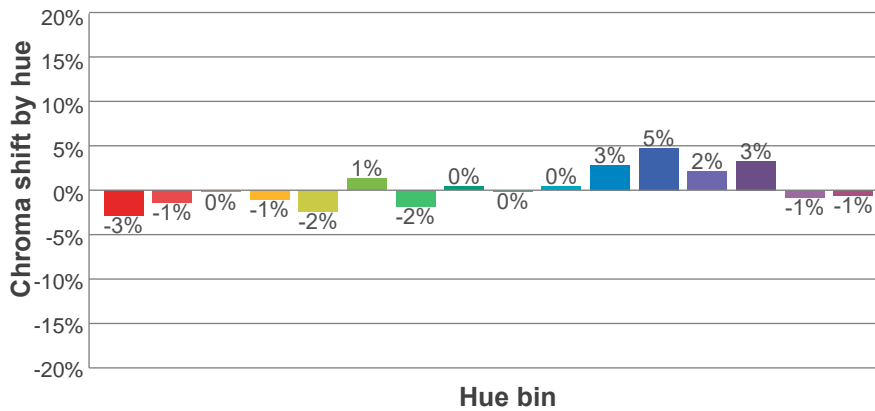
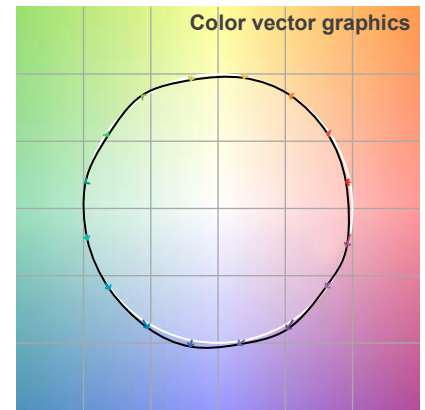
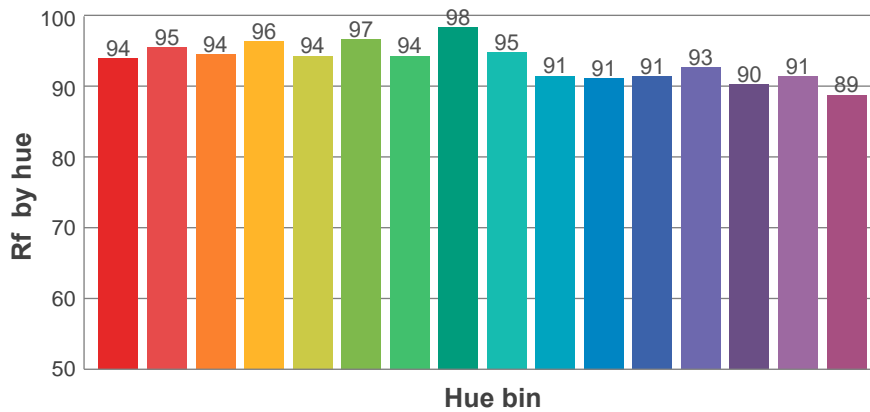
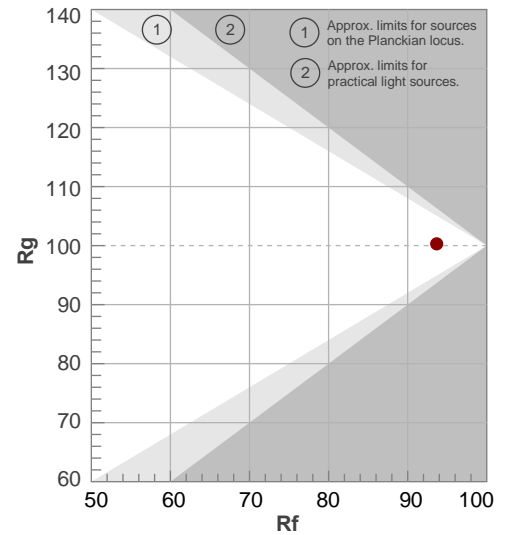
Rf 93.7

Fidelity index Rf

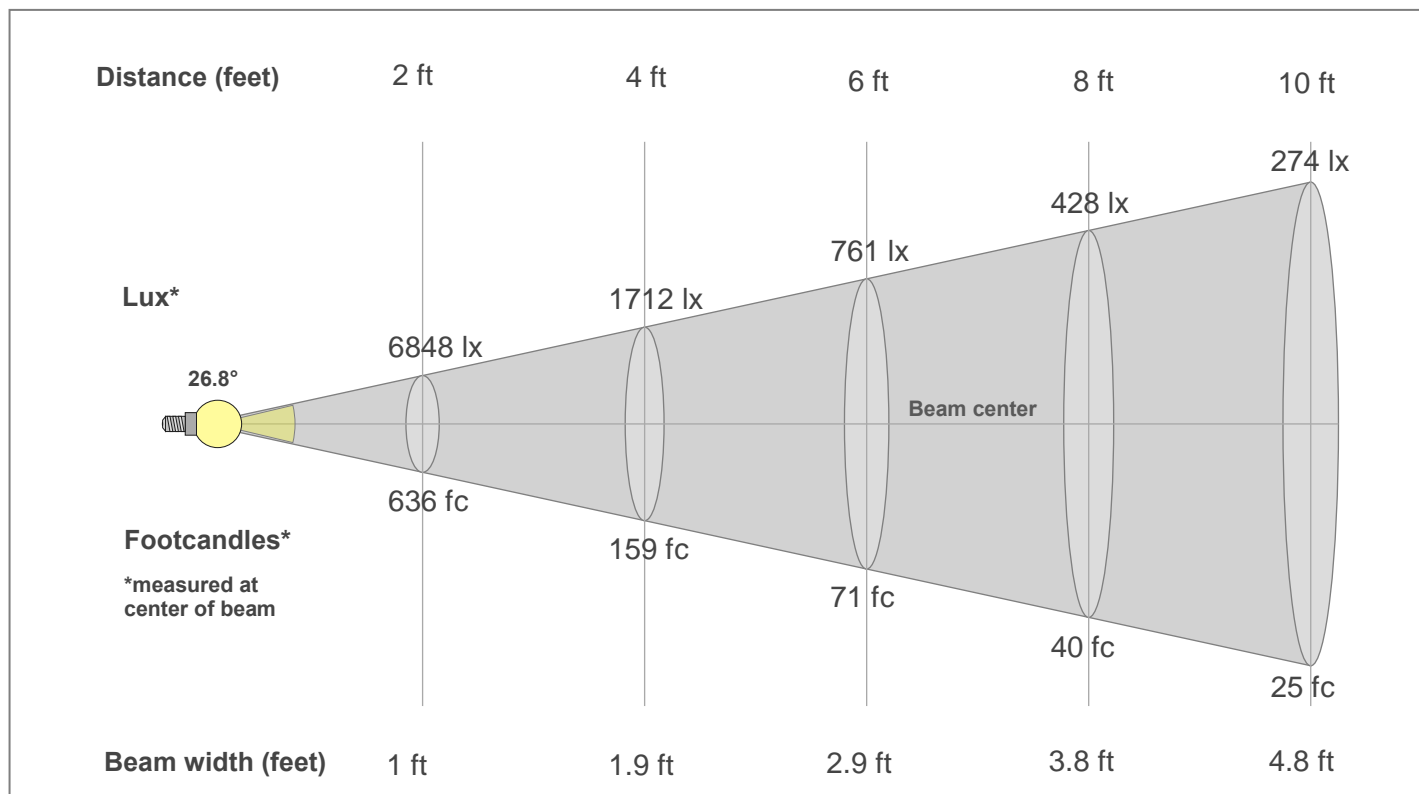
Rg 100.3

Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	94	-3%	1%
2	95	-1%	1%
3	94	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%	4%
10	91	0%	5%
11	91	3%	6%
12	91	5%	0%
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
2545lx	636lx	283lx	159lx	102lx	71lx	52lx	40lx	31lx	25lx	21lx	18lx	15lx	13lx	11lx	10lx	9lx	8lx	7lx	6lx
236.4fc	59.1fc	26.3fc	14.8fc	9.5fc	6.6fc	4.8fc	3.7fc	2.9fc	2.4fc	2fc	1.6fc	1.4fc	1.2fc	1.1fc	0.9fc	0.8fc	0.7fc	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°
2545	2511	2388	2200	1974	1725	1463	1207	971	758	571	415	294	199	127	76	44	24	14	9
100%	99%	94%	86%	78%	68%	57%	47%	38%	30%	22%	16%	12%	8%	5%	3%	2%	1%	1%	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°
2545	2491	2374	2189	1961	1709	1445	1181	938	729	557	408	283	184	114	67	38	22	13	9
100%	98%	93%	86%	77%	67%	57%	46%	37%	29%	22%	16%	11%	7%	4%	3%	1%	1%	1%	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°
2545	2511	2388	2200	1974	1725	1463	1207	971	758	571	415	294	199	127	76	44	24	14	9
100%	99%	94%	86%	78%	68%	57%	47%	38%	30%	22%	16%	12%	8%	5%	3%	2%	1%	1%	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°
2545	2491	2374	2189	1961	1709	1445	1181	938	729	557	408	283	184	114	67	38	22	13	9
100%	98%	93%	86%	77%	67%	57%	46%	37%	29%	22%	16%	11%	7%	4%	3%	1%	1%	1%	0%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
26.8°	49.3°	60.8°	99.5%	99.4%