

## Photometric / Colorimetric / Electric Report

Fixture Model:

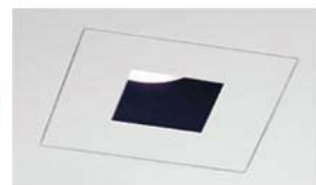
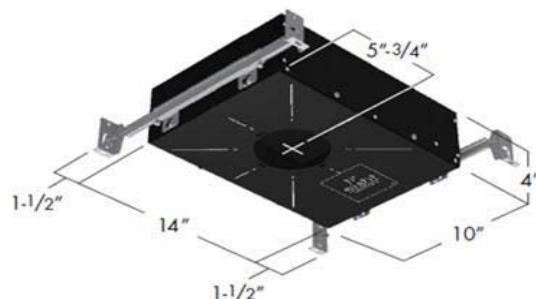
804S-J2S-HI-25-DIM1-8-1000-FS-P-1-WH

Trim Model:

FS-P-1-WH

Date:

4/4/2022



Light efficiency:

57 Lumen/Watt

Light quality:

CRI: 93.8

Color temperature:

3007 K

CIE 1931:

x: 0.439  
y: 0.409

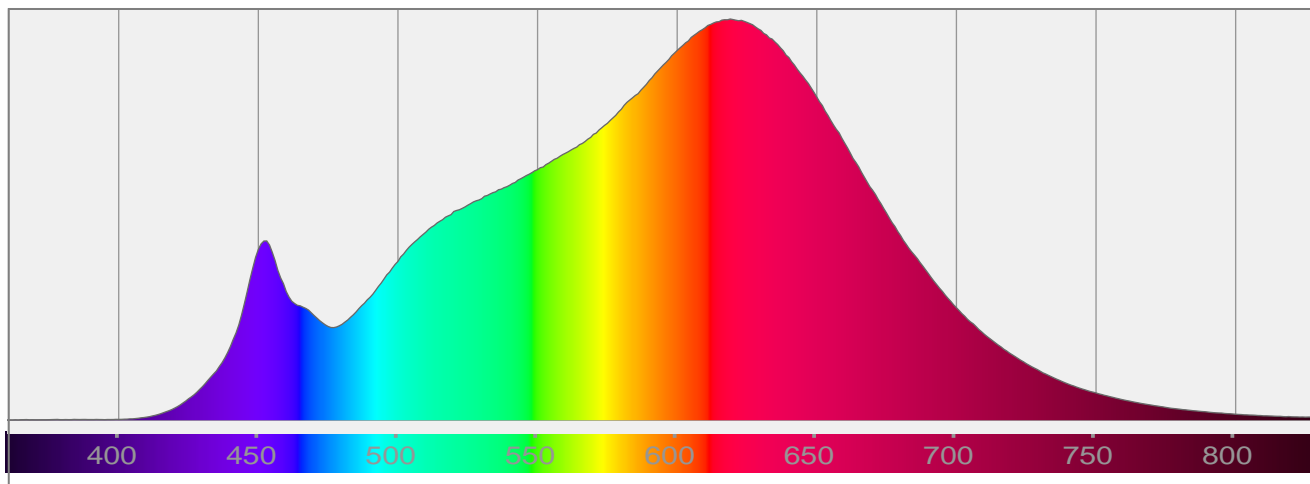
Output: 792 lm

Peak: 2952 cd

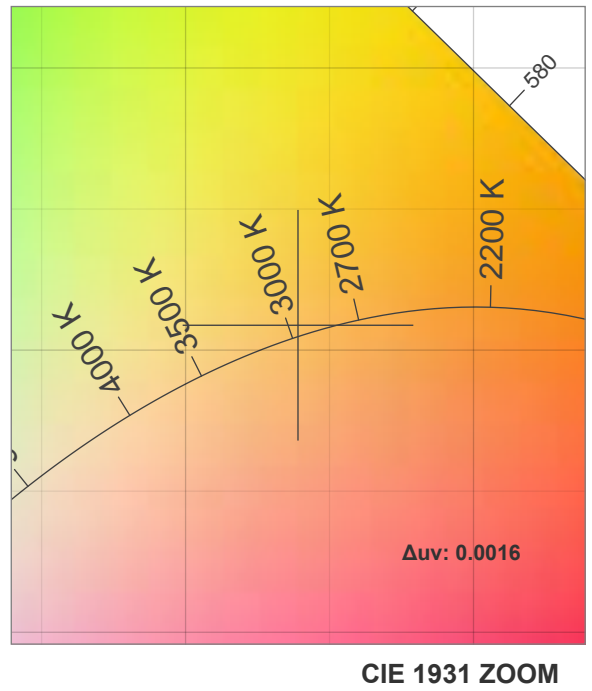
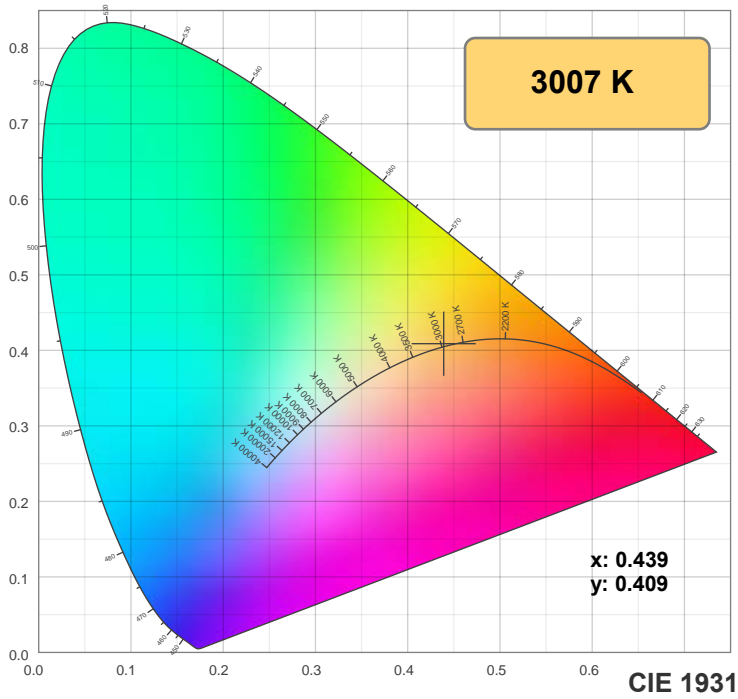
Power: 14.0 W

PF: 0.99

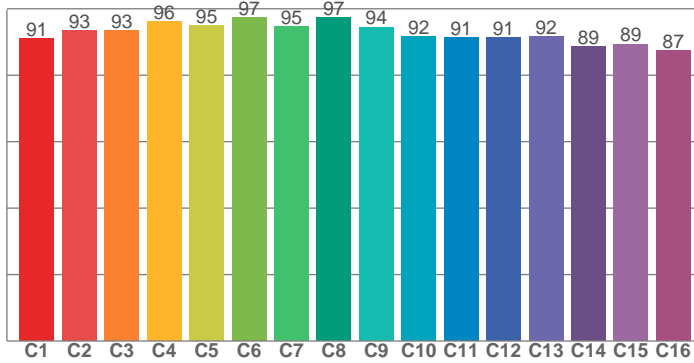
Spectra:



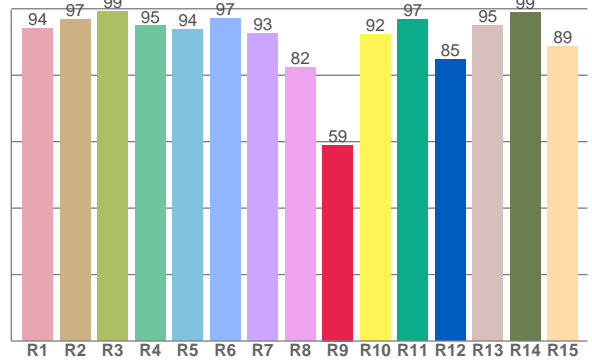
## Color Details



**TM-30: 92.9**



**CRI: 93.8 (R1-R8)**



**CRI R Values:**

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
94.0	96.9	99.3	94.8	93.9	97.0	92.6	82.2	59.0	92.3	96.8	84.6	94.9	98.9	88.7

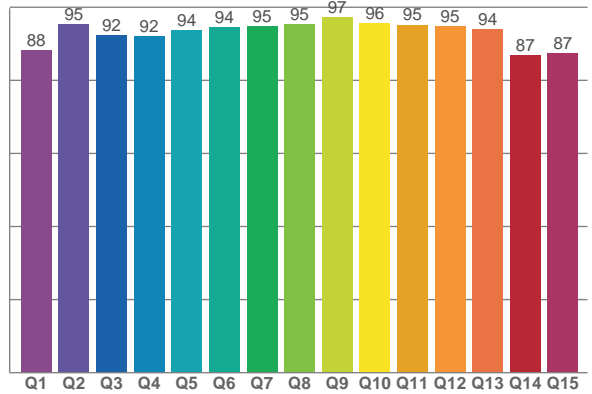
**TM30 C Values:**

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
91.0	93.4	93.4	96.2	94.9	97.4	94.6	97.5	94.5	91.6	91.4	91.4	91.7	88.6	89.4	87.4

**CQS Q values:**

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
88.2	95.4	92.4	91.9	93.7	94.4	94.7	95.4	97.2	95.7	95.2	94.8	94.0	86.9	87.5

**CQS: 92.3**



**Color Parameters:**

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	$\Delta uv$
3007 K	93.8	59.0	92.9	98.0	92.3	0.439	0.409	0.250	0.349	0.0016

# TM-30 Details

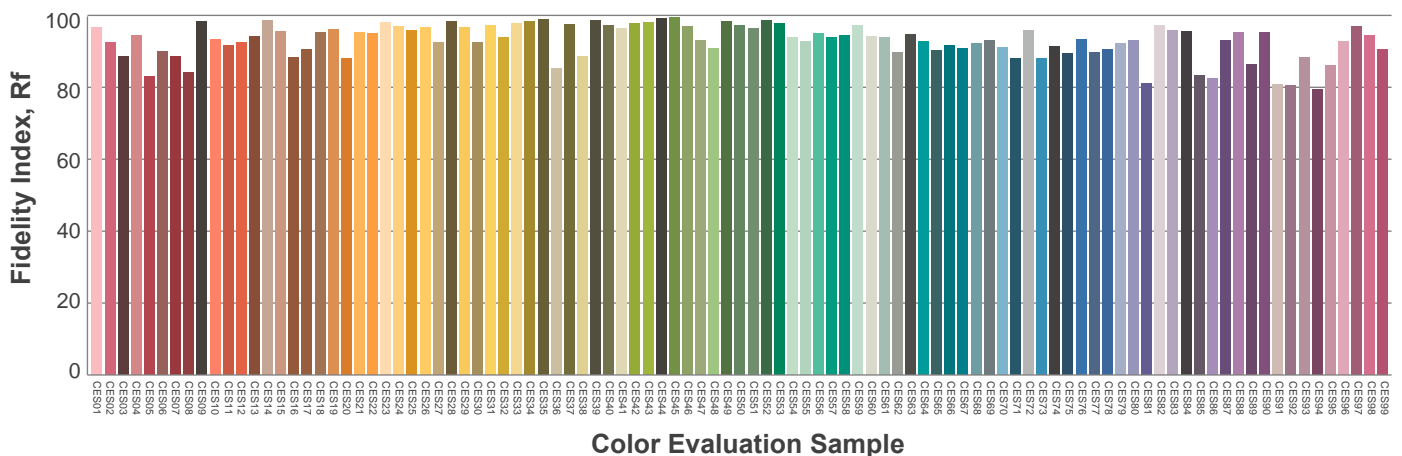
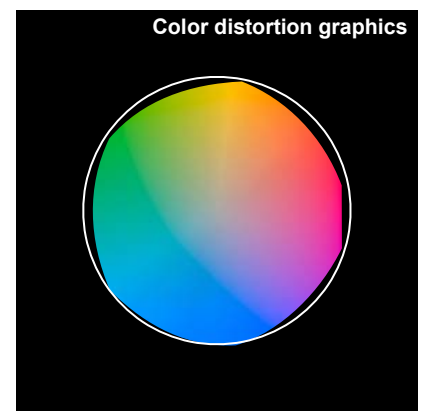
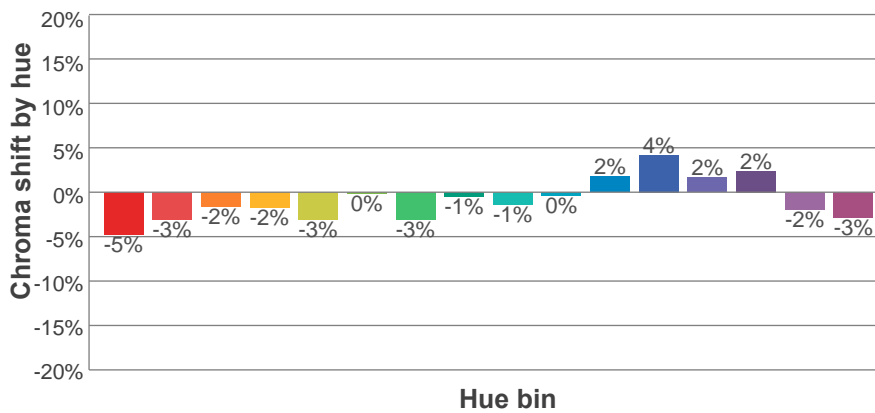
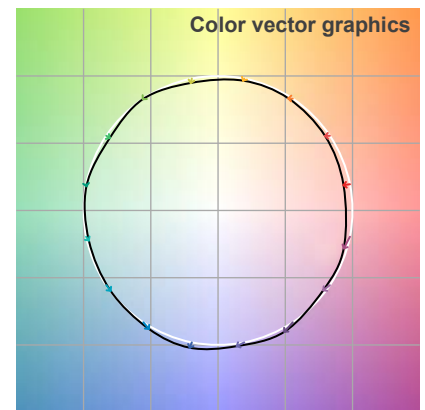
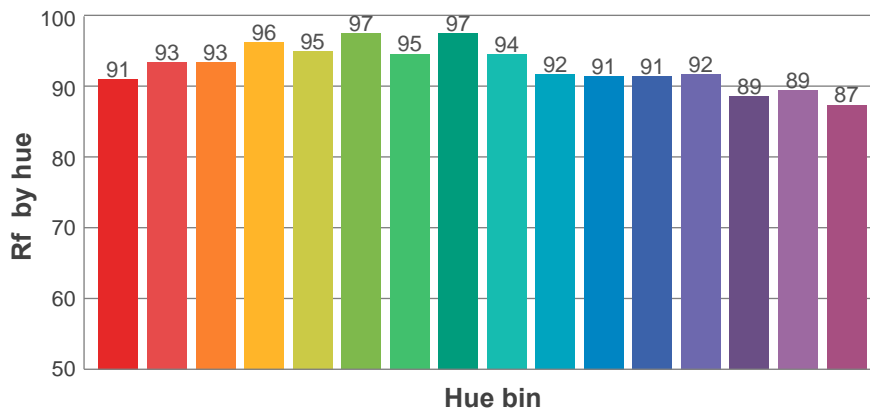
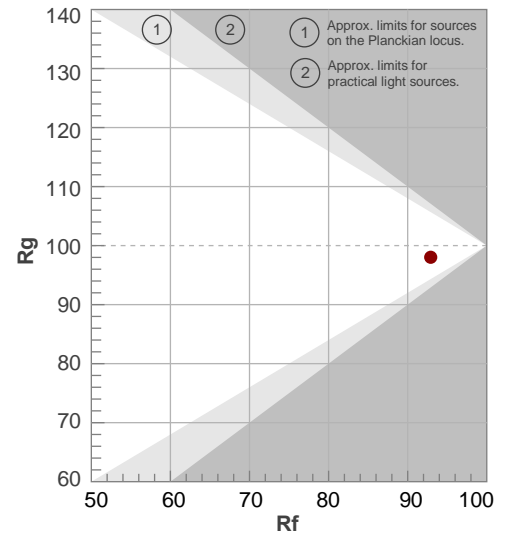
**Rf 92.9**

Fidelity index Rf

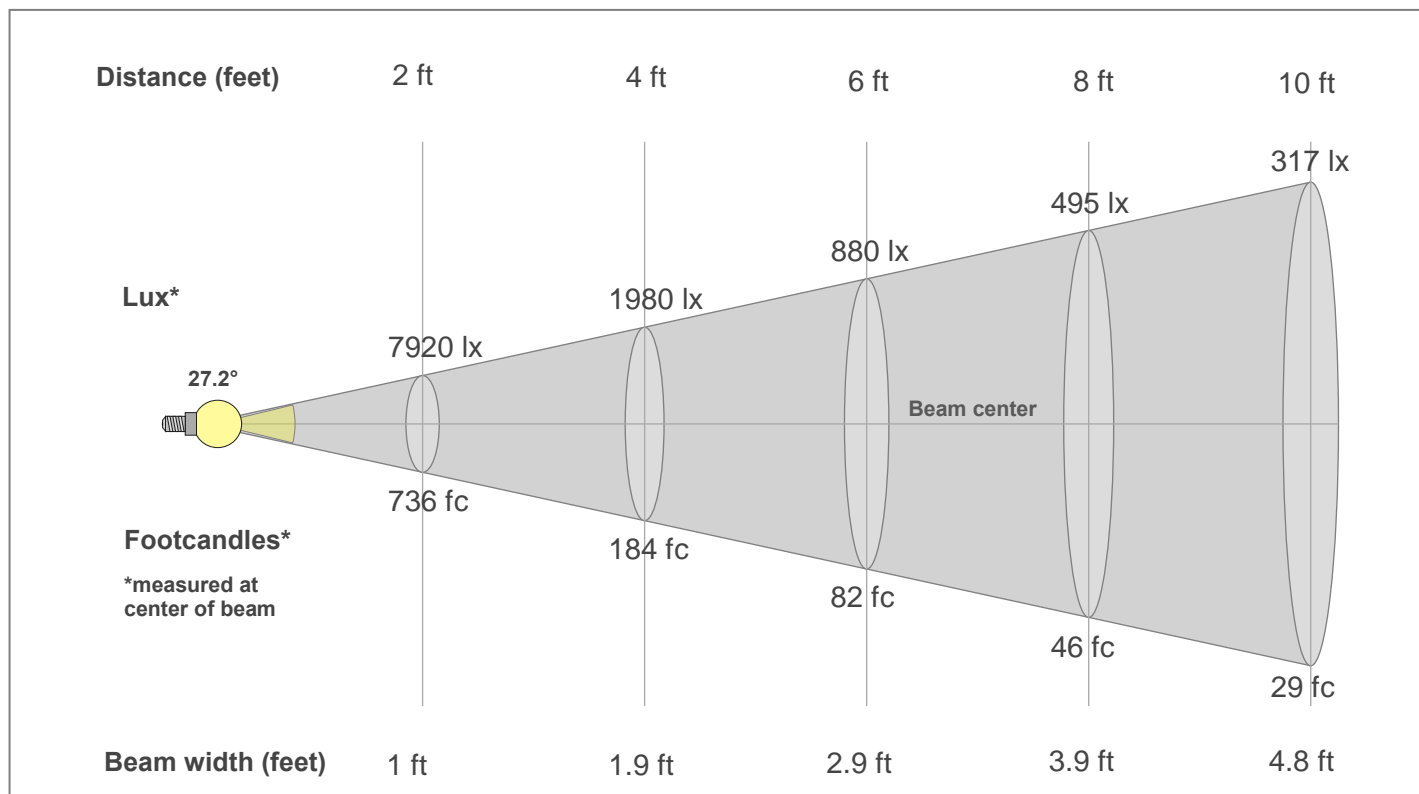
**Rg 98.0**

Gamut index Rg

Hue Bin	R <sub>f</sub>	Shifts (%)	
		Chroma	Hue
1	91	-5%	0%
2	93	-3%	2%
3	93	-2%	3%
4	96	-2%	1%
5	95	-3%	1%
6	97	0%	1%
7	95	-3%	0%
8	97	-1%	1%
9	94	-1%	3%
10	92	0%	5%
11	91	2%	6%
12	91	4%	-1%
13	92	2%	-6%
14	89	2%	-9%
15	89	-2%	-6%
16	87	-3%	-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
2943lx	736lx	327lx	184lx	118lx	82lx	60lx	46lx	36lx	29lx	24lx	20lx	17lx	15lx	13lx	11lx	10lx	9lx	8lx	7lx
273.4fc	68.4fc	30.4fc	17.1fc	10.9fc	7.6fc	5.6fc	4.3fc	3.4fc	2.7fc	2.3fc	1.9fc	1.6fc	1.4fc	1.2fc	1.1fc	0.9fc	0.8fc	0.8fc	0.7fc

### 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°
2943	2912	2765	2544	2275	1988	1699	1427	1176	952	752	566	413	299	202	132	86	54	34	21
100%	99%	94%	86%	77%	68%	58%	48%	40%	32%	26%	19%	14%	10%	7%	4%	3%	2%	1%	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°
2943	2890	2757	2544	2284	1988	1694	1415	1164	939	743	567	411	287	193	127	82	52	32	20
100%	98%	94%	86%	78%	68%	58%	48%	40%	32%	25%	19%	14%	10%	7%	4%	3%	2%	1%	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°
2943	2912	2765	2544	2275	1988	1699	1427	1176	952	752	566	413	299	202	132	86	54	34	21
100%	99%	94%	86%	77%	68%	58%	48%	40%	32%	26%	19%	14%	10%	7%	4%	3%	2%	1%	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°
2943	2890	2757	2544	2284	1988	1694	1415	1164	939	743	567	411	287	193	127	82	52	32	20
100%	98%	94%	86%	78%	68%	58%	48%	40%	32%	25%	19%	14%	10%	7%	4%	3%	2%	1%	1%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
27.2°	51.9°	65.1°	99.6%	99.4%