

Photometric / Colorimetric / Electric Report

Fixture Model:

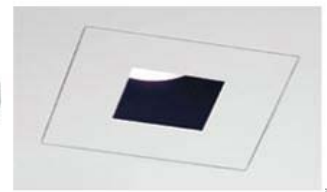
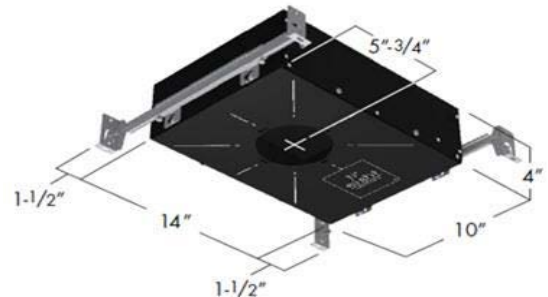
804S-J2S-HI-15-DIM1-8-1000-FS-P-1-WH

Trim Model:

FS-P-1-WH

Date:

4/1/2022



Light efficiency:

68 Lumen/Watt

Light quality:

CRI: 93.8

Color temperature:

2991 K

CIE 1931:

x: 0.441
y: 0.410

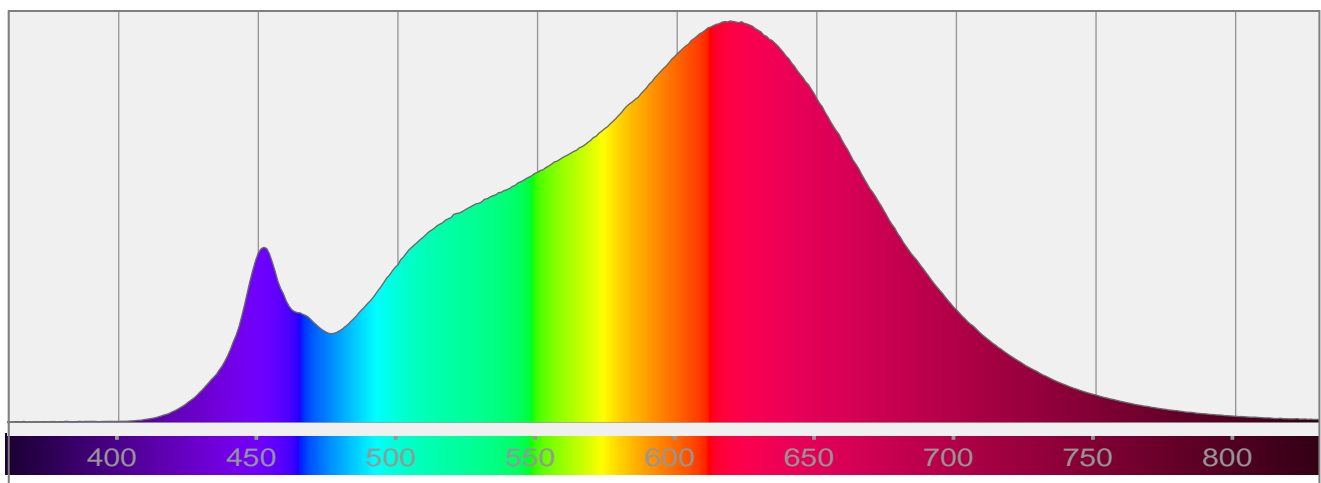
Output: 949 lm

Peak: 5723 cd

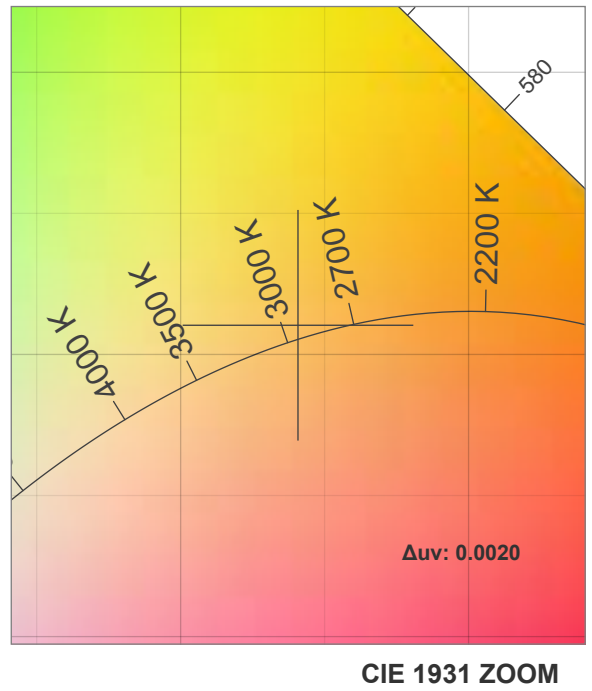
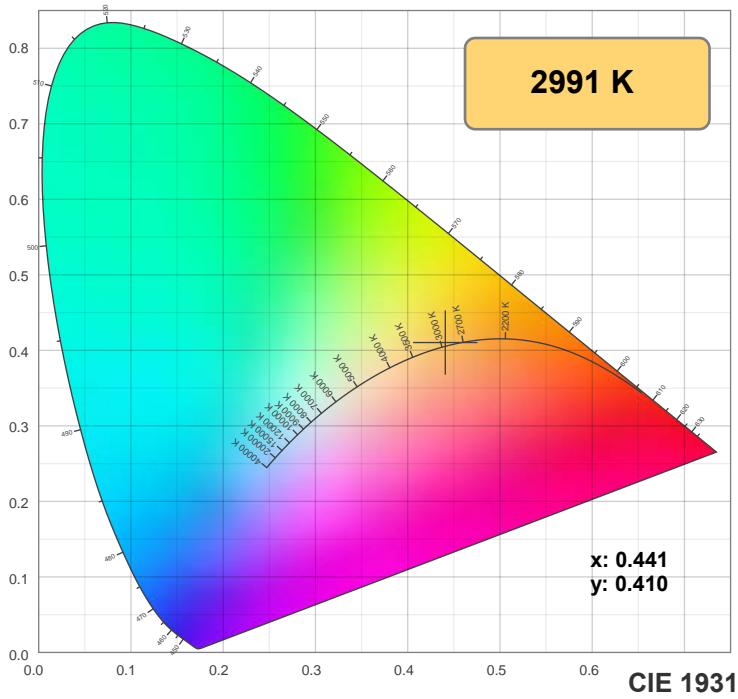
Power: 14.0 W

PF: 0.99

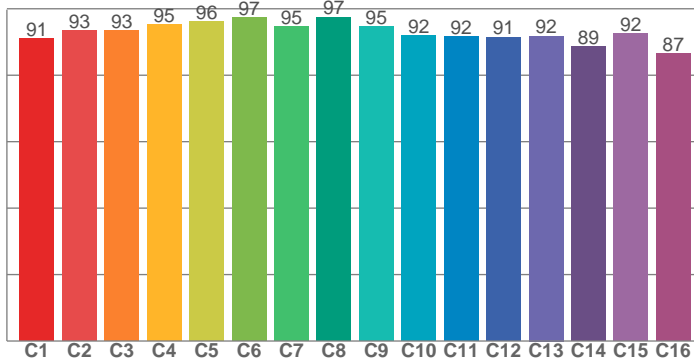
Spectra:



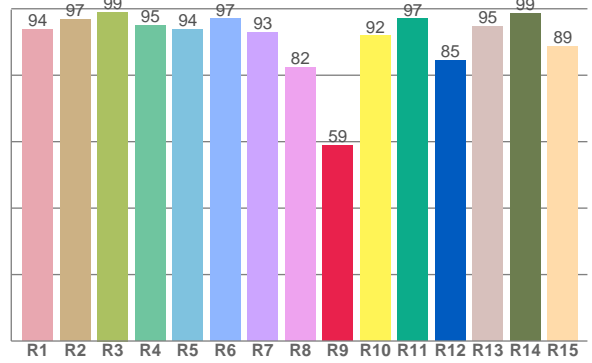
Color Details



TM-30: 93.0



CRI: 93.8 (R1-R8)



CRI R Values:

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93.9	96.7	99.0	95.0	93.8	96.9	92.8	82.3	59.0	91.8	96.9	84.5	94.7	98.7	88.5

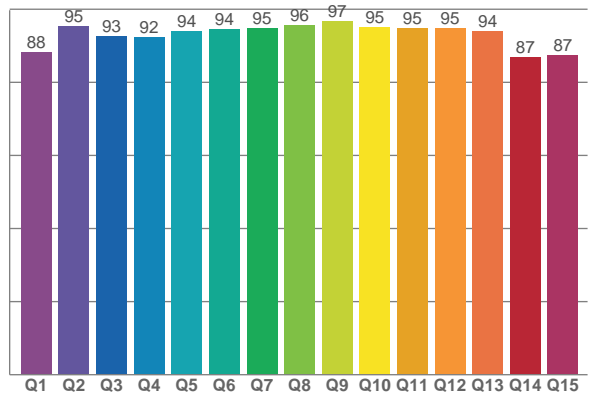
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
91.1	93.5	93.5	95.3	96.2	97.4	94.7	97.5	94.7	91.9	91.6	91.5	91.8	88.7	92.4	86.5

CQS Q values:

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
88.3	95.4	92.5	92.3	93.9	94.5	94.8	95.7	96.8	95.1	94.8	94.7	94.1	86.9	87.5

CQS: 92.3



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
2991 K	93.8	59.0	93.0	97.9	92.3	0.441	0.410	0.250	0.350	0.0020

TM-30 Details

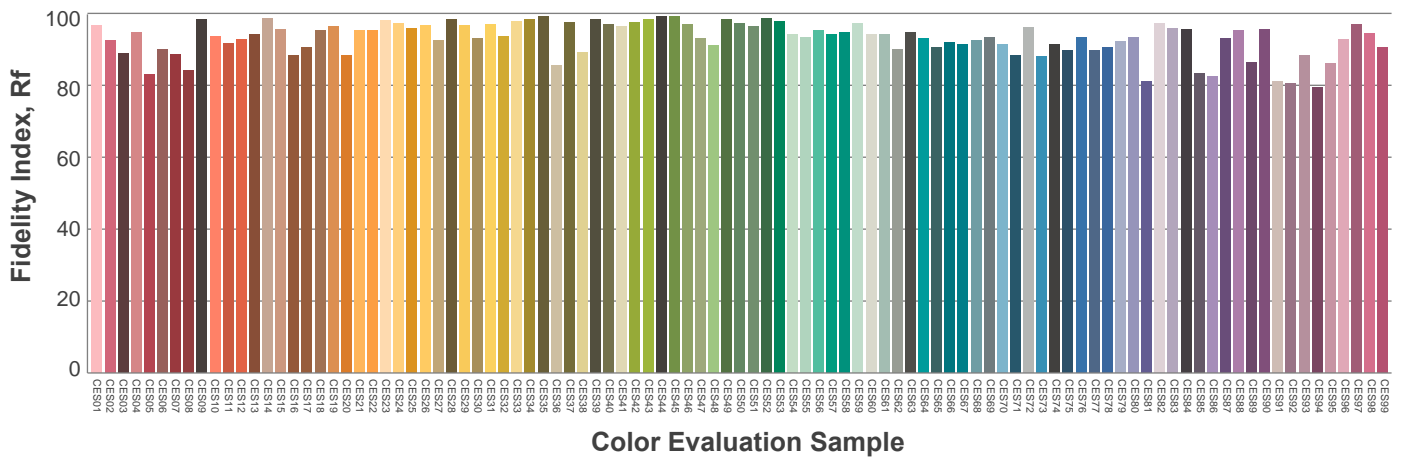
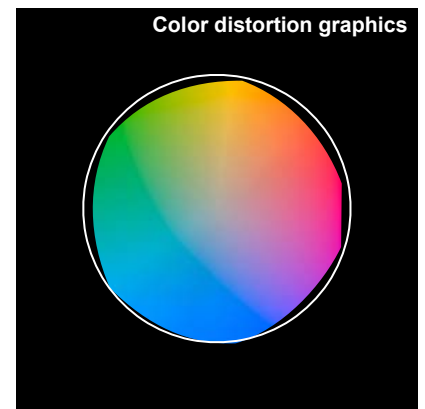
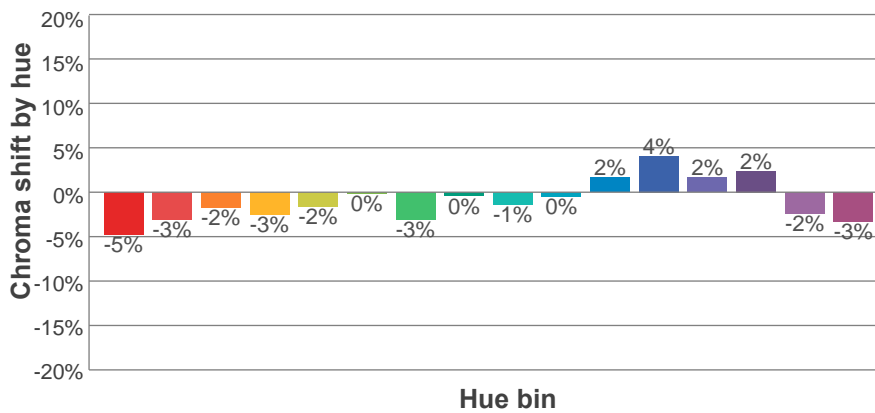
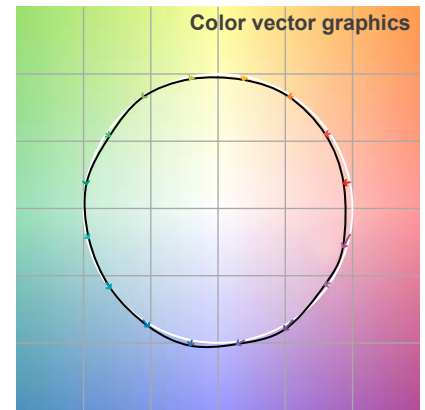
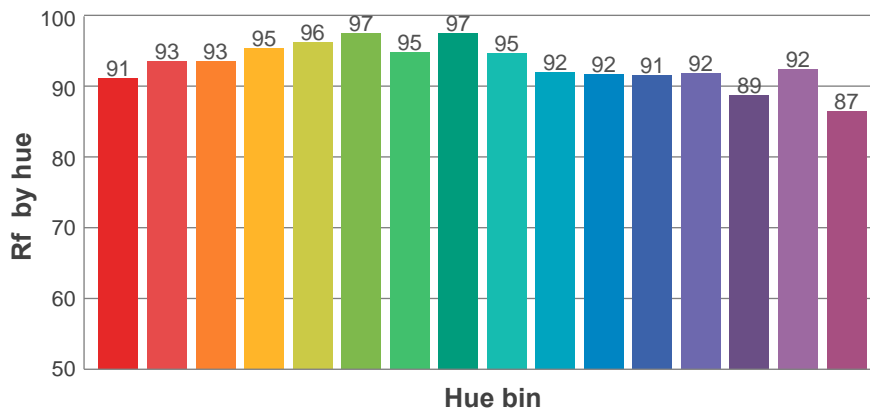
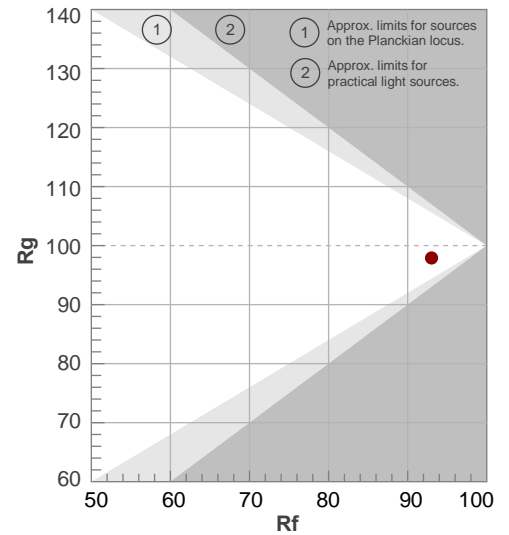
Rf 93.0

Fidelity index Rf

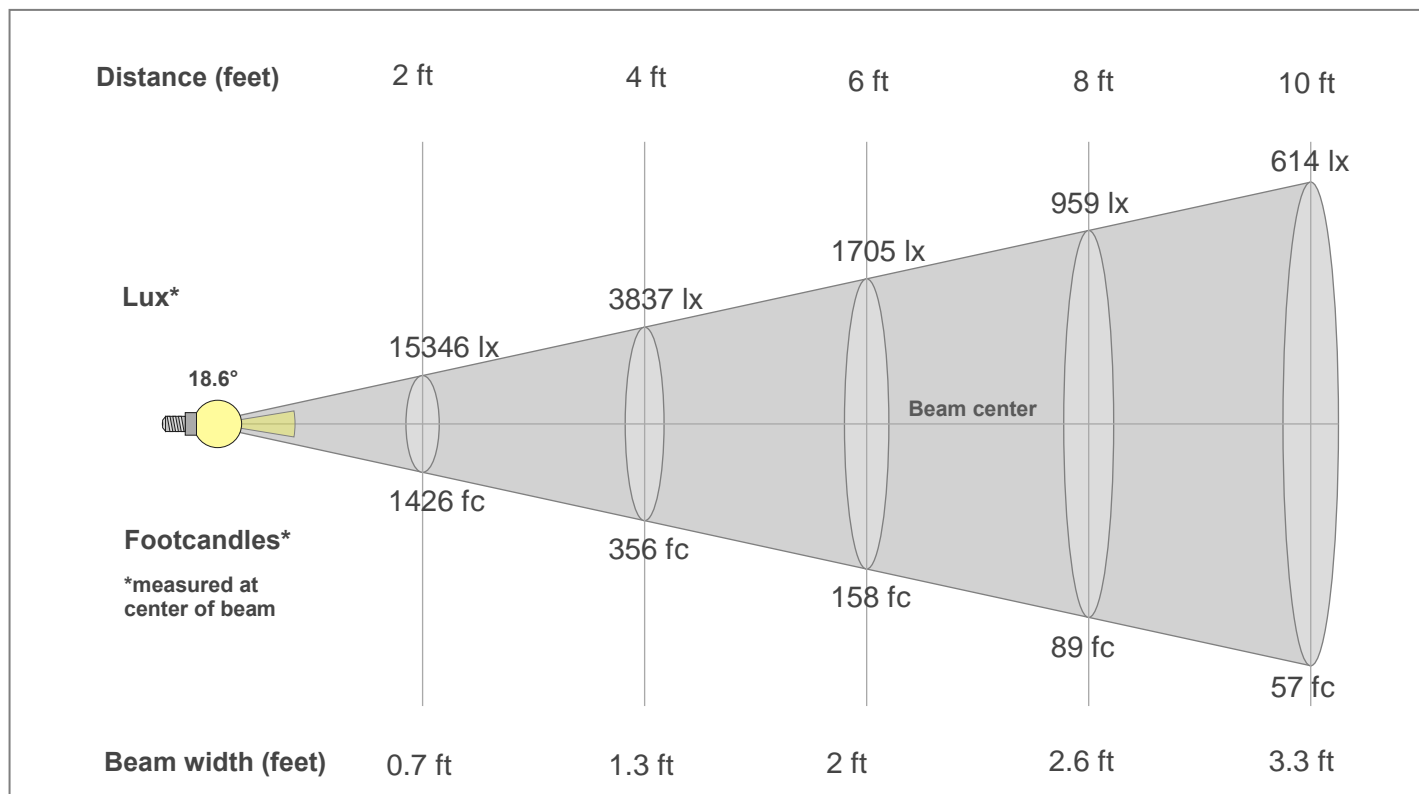
Rg 97.9

Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	91	-5%	0%
2	93	-3%	2%
3	93	-2%	3%
4	95	-3%	0%
5	96	-2%	2%
6	97	0%	1%
7	95	-3%	0%
8	97	0%	1%
9	95	-1%	3%
10	92	0%	5%
11	92	2%	6%
12	91	4%	-1%
13	92	2%	-6%
14	89	2%	-9%
15	92	-2%	-3%
16	87	-3%	-10%



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
5703lx	1426lx	634lx	356lx	228lx	158lx	116lx	89lx	70lx	57lx	47lx	40lx	34lx	29lx	25lx	22lx	20lx	18lx	16lx	14lx
529.8fc	132.5fc	58.9fc	33.1fc	21.2fc	14.7fc	10.8fc	8.3fc	6.5fc	5.3fc	4.4fc	3.7fc	3.1fc	2.7fc	2.4fc	2.1fc	1.8fc	1.6fc	1.5fc	1.3fc

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°
5703	5559	4973	4187	3350	2610	1998	1533	1176	908	696	522	381	274	192	127	85	55	34	22
100%	97%	87%	73%	59%	46%	35%	27%	21%	16%	12%	9%	7%	5%	3%	2%	1%	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°
5703	5474	4933	4166	3356	2610	2013	1546	1193	919	702	530	386	272	188	126	81	55	35	22
100%	96%	86%	73%	59%	46%	35%	27%	21%	16%	12%	9%	7%	5%	3%	2%	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°
5703	5559	4973	4187	3350	2610	1998	1533	1176	908	696	522	381	274	192	127	85	55	34	22
100%	97%	87%	73%	59%	46%	35%	27%	21%	16%	12%	9%	7%	5%	3%	2%	1%	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°
5703	5474	4933	4166	3356	2610	2013	1546	1193	919	702	530	386	272	188	126	81	55	35	22
100%	96%	86%	73%	59%	46%	35%	27%	21%	16%	12%	9%	7%	5%	3%	2%	1%	1%	1%	0%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
18.6°	42.9°	58.9°	99.5%	99.4%