

Photometric / Colorimetric / Electric Report

Fixture Model:

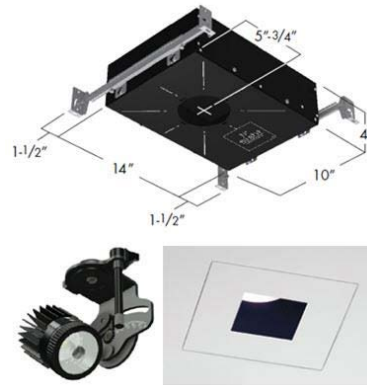
804S-J2S-WD-2-25-DIM1-8-350-FS-P-1-WH

Trim Model:

FS-P-1-WH

Date:

4/8/2022



Light efficiency:

41 Lumen/Watt

Light quality:

CRI: 96.4

Color temperature:

2894 K

CIE 1931:

**x: 0.440
y: 0.398**

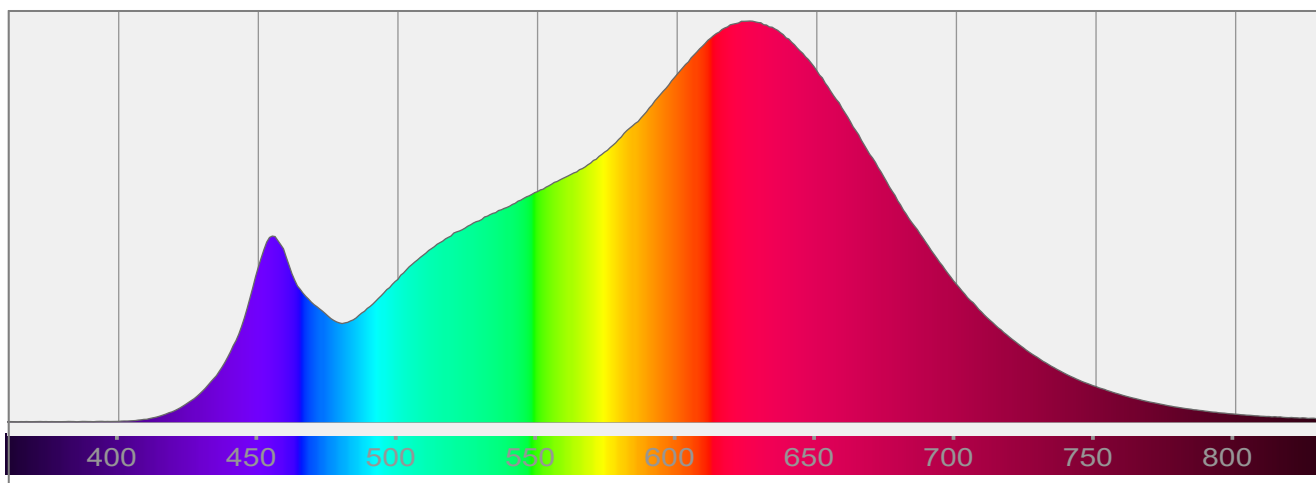
Output: 598 lm

Peak: 2148 cd

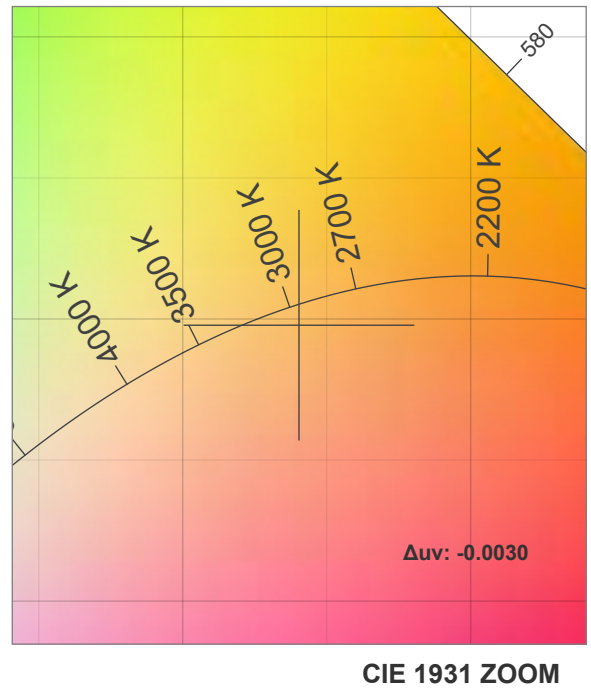
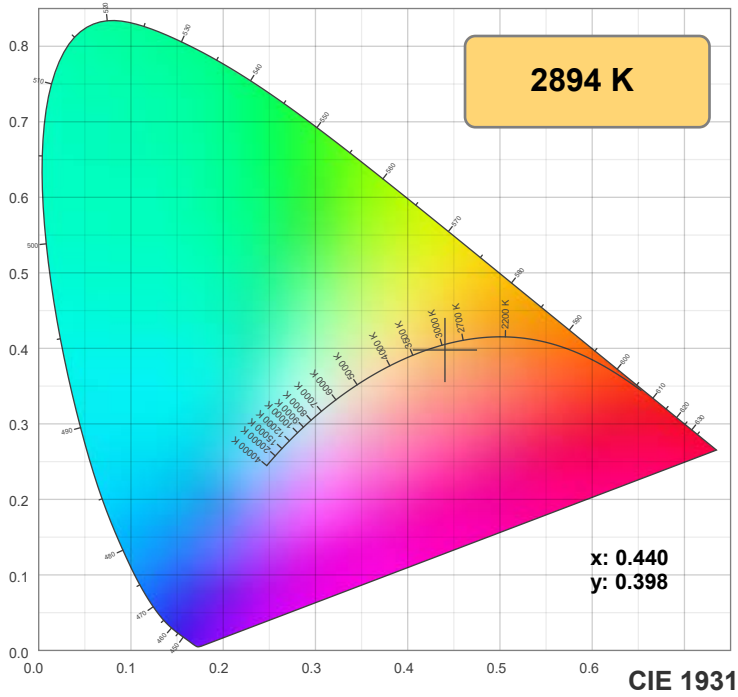
Power: 14.5 W

PF: 0.99

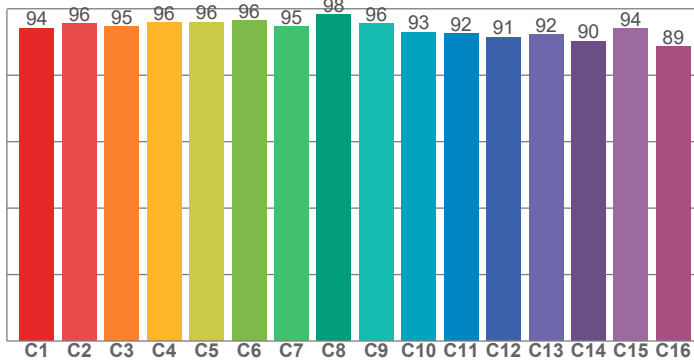
Spectra:



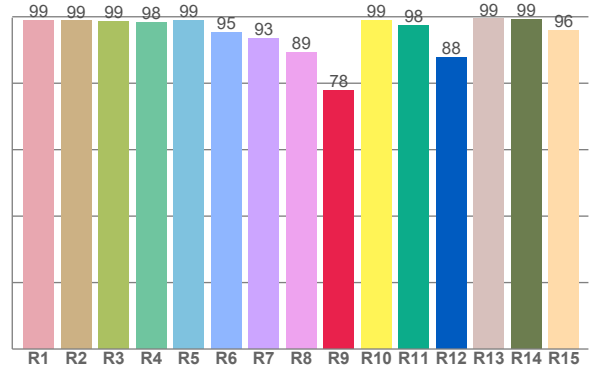
Color Details



TM-30: 94.1



CRI: 96.4 (R1-R8)



CRI R Values:

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.8	98.7	98.6	98.2	98.9	95.3	93.4	89.2	77.8	98.8	97.5	87.9	99.4	99.2	96.0

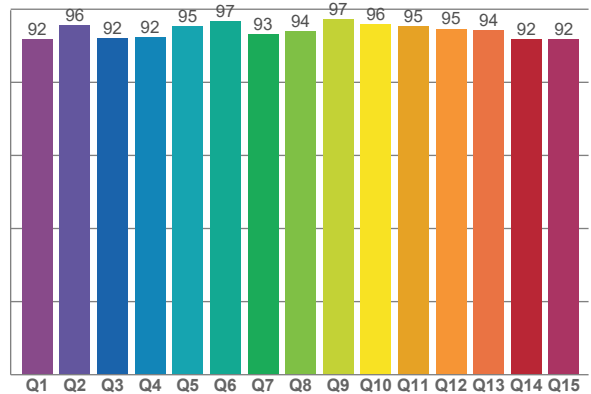
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94.2	95.6	94.5	95.8	96.0	96.4	94.6	98.3	95.5	93.0	92.4	91.5	92.1	90.3	94.0	88.6

CQS Q values:

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
91.7	95.7	92.2	92.3	95.3	96.8	93.2	93.9	97.3	95.9	95.4	94.6	94.2	91.8	91.7

CQS: 93.7



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
2894 K	96.4	77.8	94.1	100.5	93.7	0.440	0.398	0.256	0.346	-0.0030

TM-30 Details

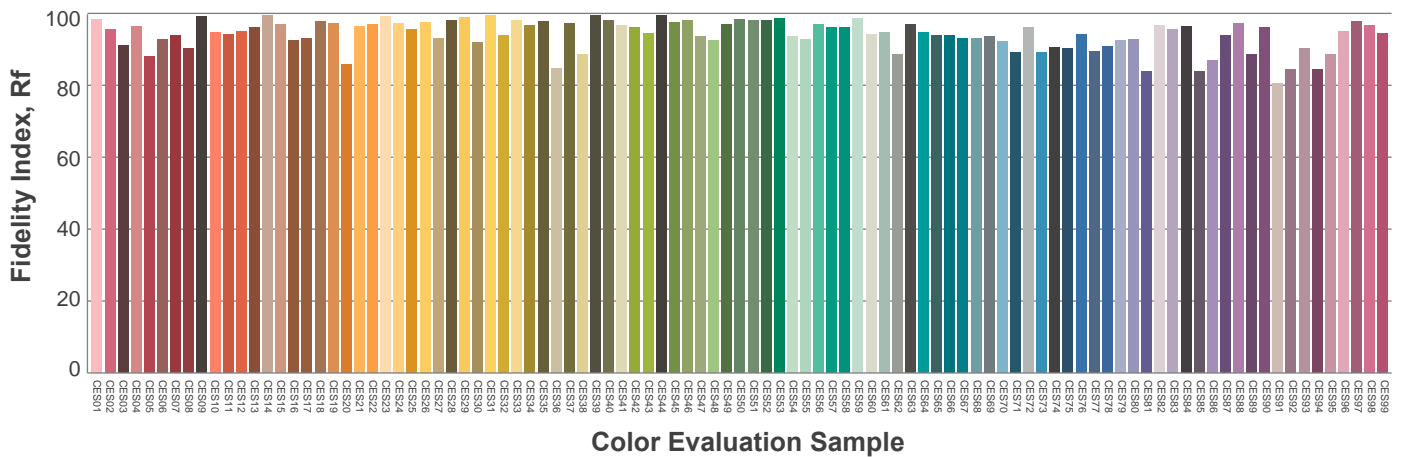
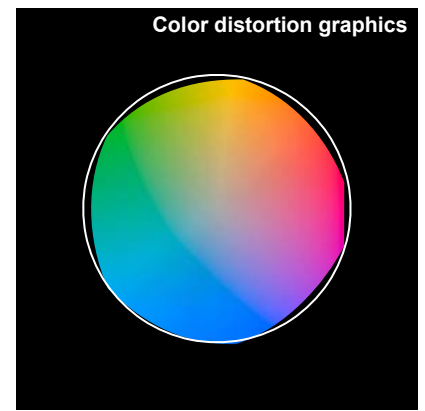
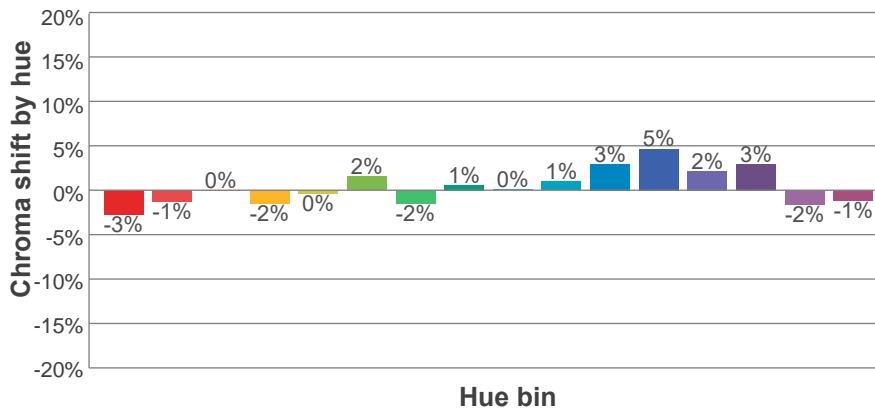
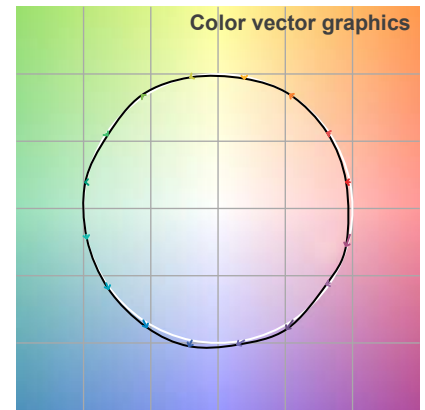
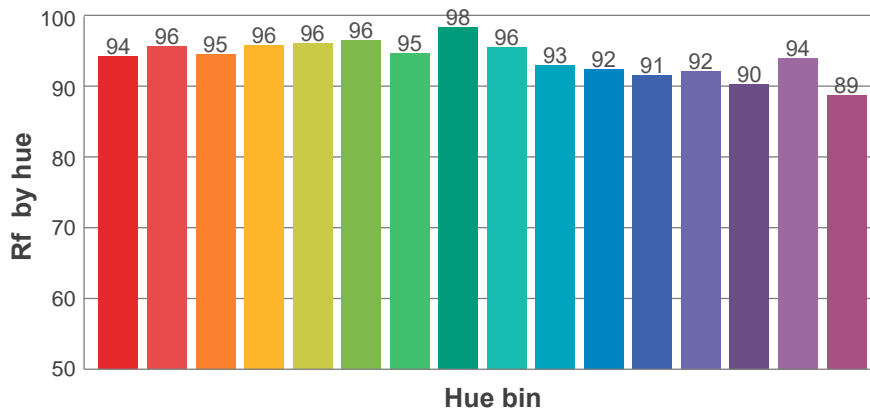
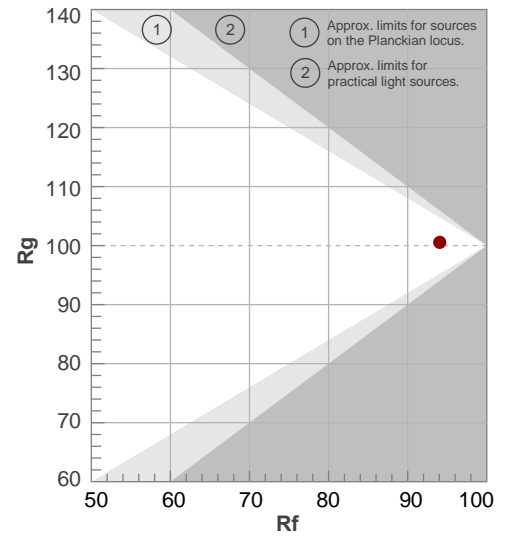
Rf 94.1

Fidelity index Rf

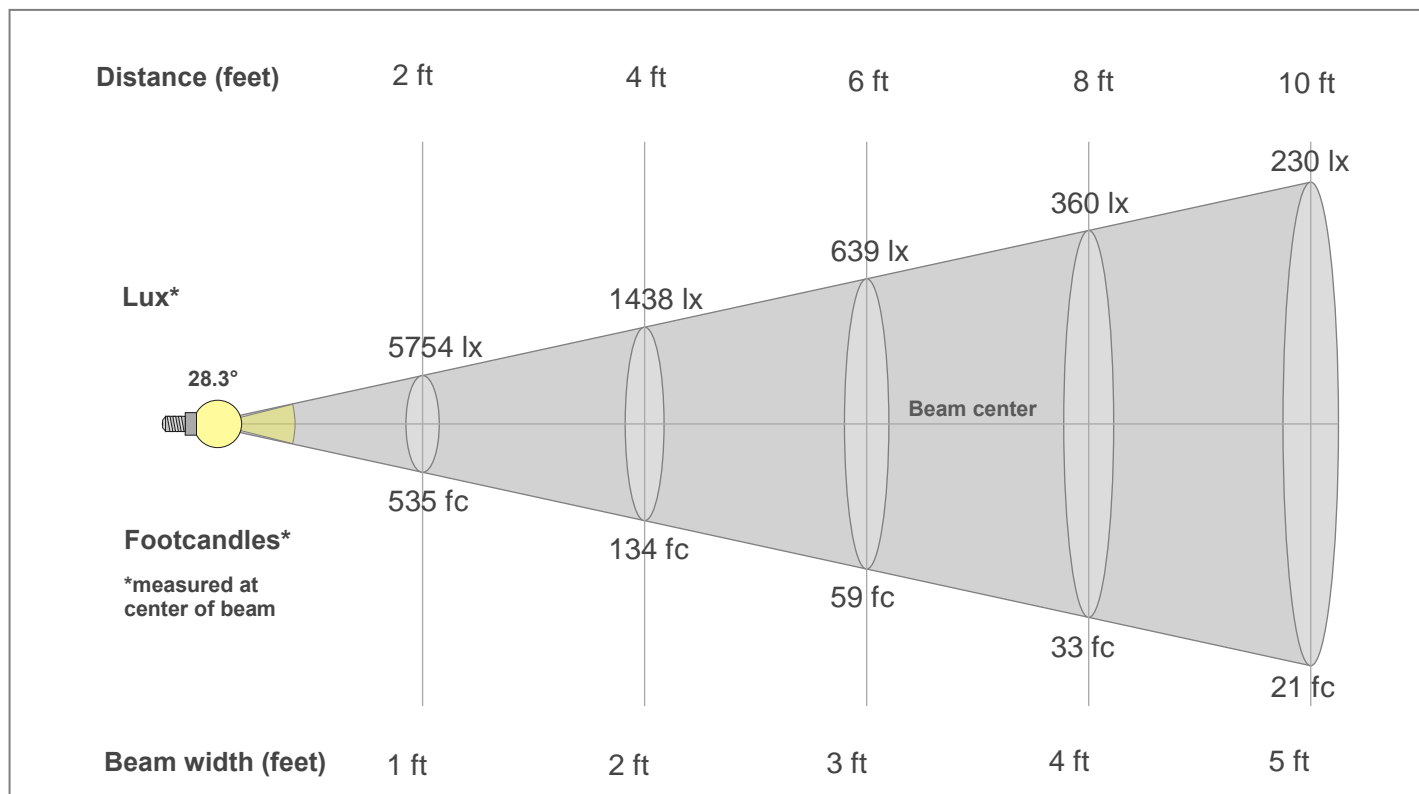
Rg 100.5

Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	94	-3%	1%
2	96	-1%	2%
3	95	0%	3%
4	96	-2%	0%
5	96	0%	1%
6	96	2%	0%
7	95	-2%	0%
8	98	1%	0%
9	96	0%	3%
10	93	1%	4%
11	92	3%	5%
12	91	5%	-1%
13	92	2%	-6%
14	90	3%	-7%
15	94	-2%	-2%
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
2138lx	535lx	238lx	134lx	86lx	59lx	44lx	33lx	26lx	21lx	18lx	15lx	13lx	11lx	10lx	8lx	7lx	7lx	6lx	5lx
198.6fc	49.7fc	22.1fc	12.4fc	7.9fc	5.5fc	4.1fc	3.1fc	2.5fc	2fc	1.6fc	1.4fc	1.2fc	1fc	0.9fc	0.8fc	0.7fc	0.6fc	0.6fc	0.5fc

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°
2138	2120	2022	1876	1698	1500	1293	1086	891	716	561	424	314	229	158	105	66	40	24	14
100%	99%	95%	88%	79%	70%	60%	51%	42%	34%	26%	20%	15%	11%	7%	5%	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°
2138	2105	2020	1882	1712	1511	1302	1087	886	708	556	428	317	226	155	102	63	38	22	14
100%	98%	94%	88%	80%	71%	61%	51%	41%	33%	26%	20%	15%	11%	7%	5%	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°
2138	2120	2022	1876	1698	1500	1293	1086	891	716	561	424	314	229	158	105	66	40	24	14
100%	99%	95%	88%	79%	70%	60%	51%	42%	34%	26%	20%	15%	11%	7%	5%	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°
2138	2105	2020	1882	1712	1511	1302	1087	886	708	556	428	317	226	155	102	63	38	22	14
100%	98%	94%	88%	80%	71%	61%	51%	41%	33%	26%	20%	15%	11%	7%	5%	3%	2%	1%	1%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
28.3°	52.7°	65.5°	99.5%	99.3%