

Photometric / Colorimetric / Electric Report

Fixture Model:

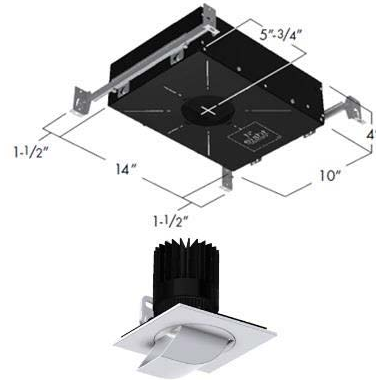
804S-M2S-WD-2-40-DIM1-8-350-FS-P-1-WH-45d

Trim Model:

FS-P-1-WH

Date:

4/26/2022



Light efficiency:

36 Lumen/Watt

Light quality:

CRI: 96.3

Color temperature:

2869 K

CIE 1931:

**x: 0.445
y: 0.404**

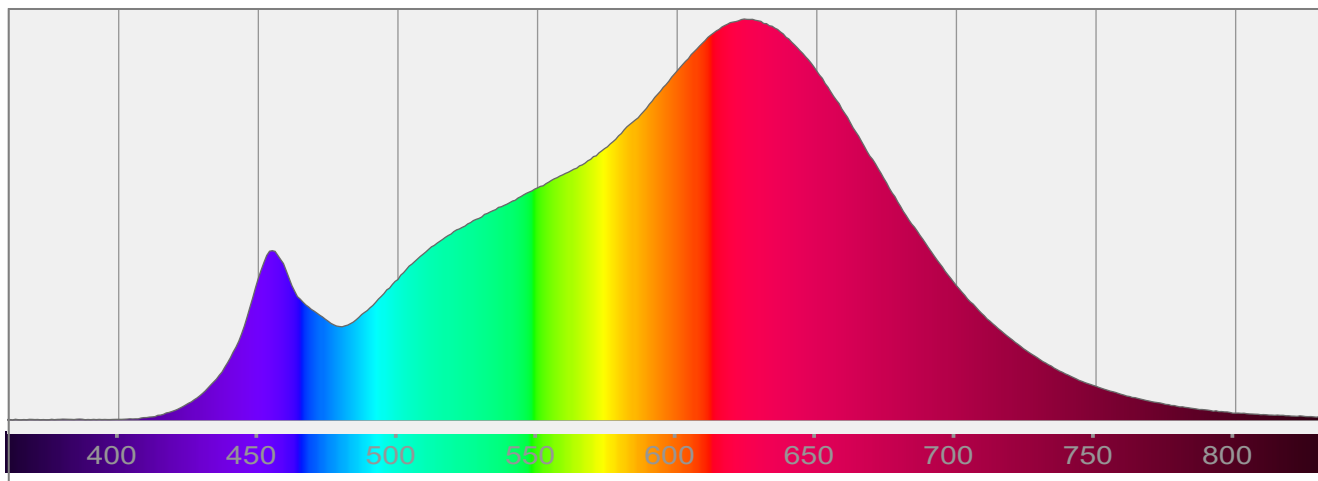
Output: 521 lm

Peak: 1468 cd

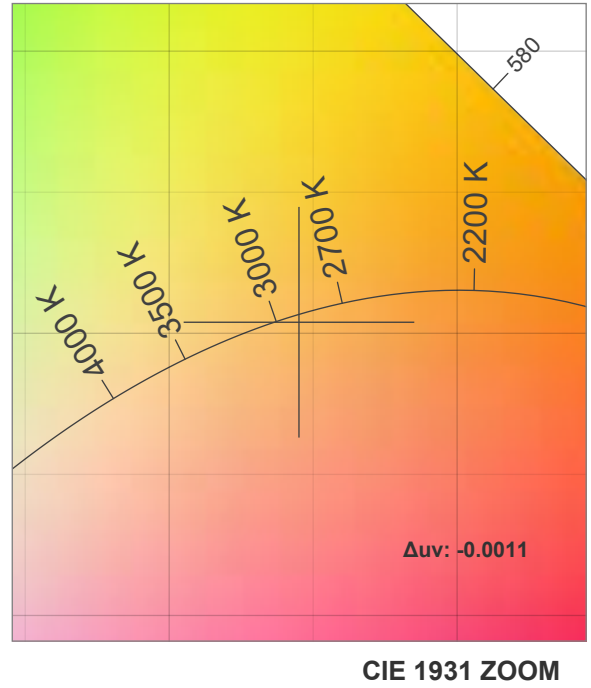
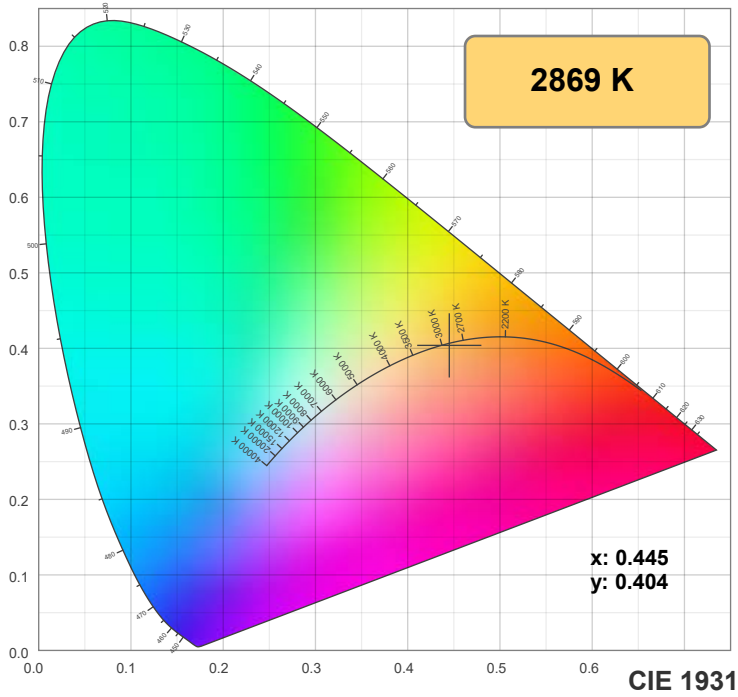
Power: 14.4 W

PF: 1.0

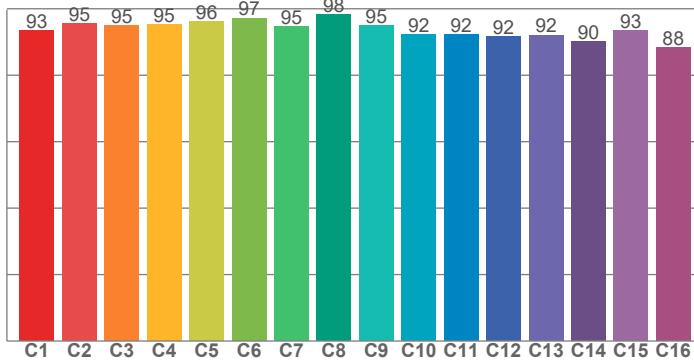
Spectra:



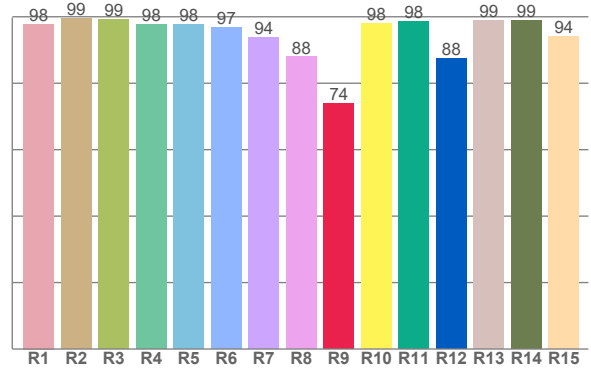
Color Details



TM-30: 93.8



CRI: 96.3 (R1-R8)



CRI R Values:

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.8	99.5	99.2	97.7	97.8	96.8	93.7	87.9	73.9	97.9	98.5	87.5	98.8	98.9	94.1

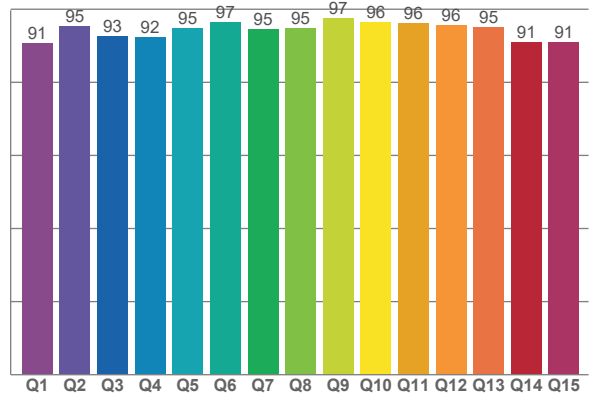
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
93.5	95.4	95.0	95.4	96.1	97.2	94.6	98.2	94.9	92.3	92.2	91.6	92.1	90.1	93.5	88.3

CQS Q values:

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
90.8	95.4	92.6	92.4	94.8	96.5	94.5	94.7	97.4	96.3	96.1	95.6	95.0	91.1	90.9

CQS: 93.7



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
2869 K	96.3	73.9	93.8	99.5	93.7	0.445	0.404	0.256	0.348	-0.0011

TM-30 Details

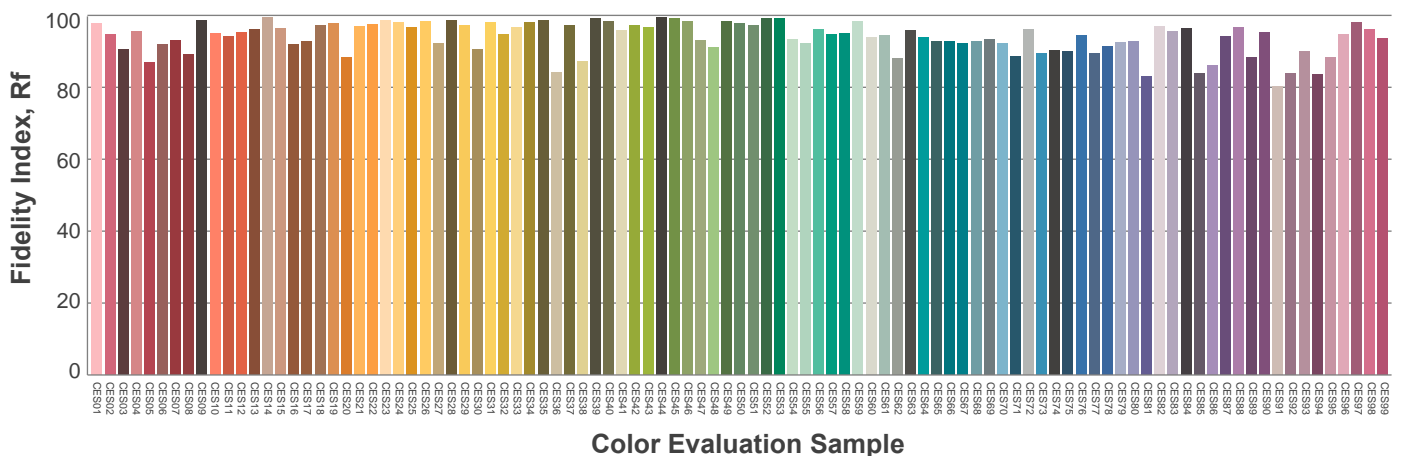
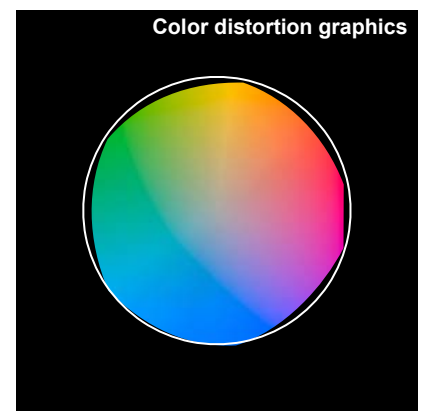
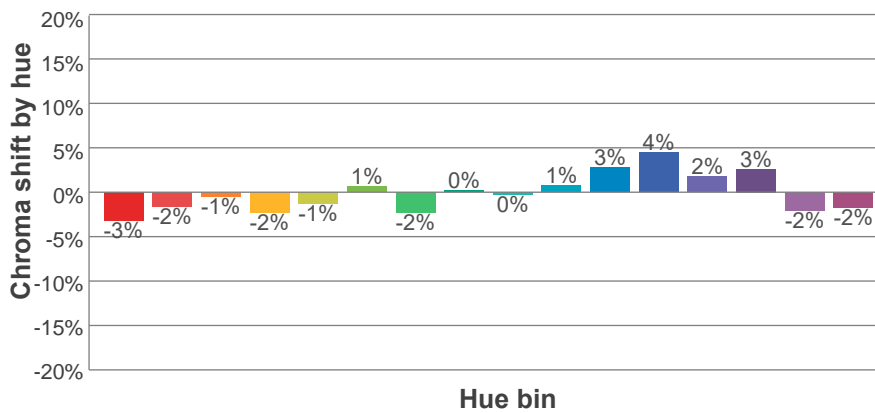
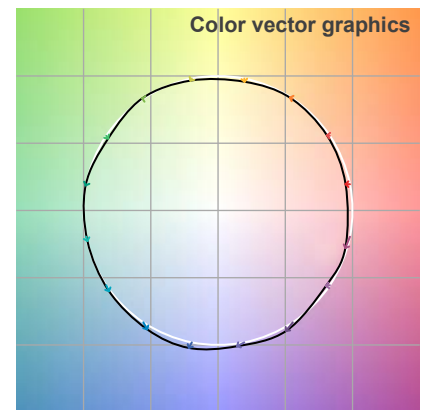
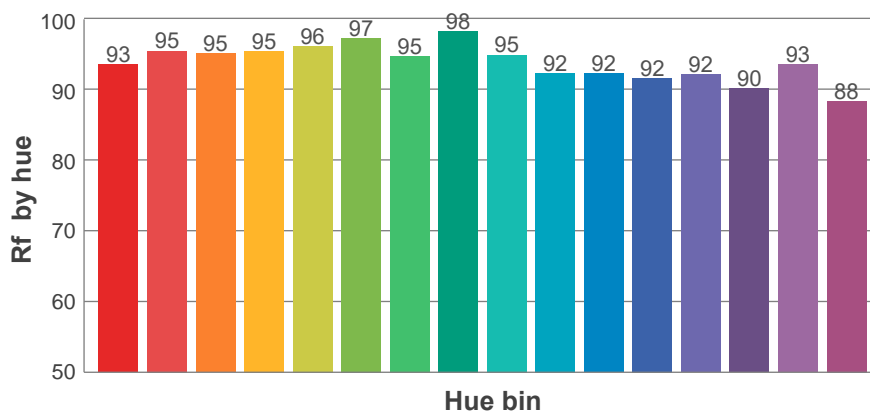
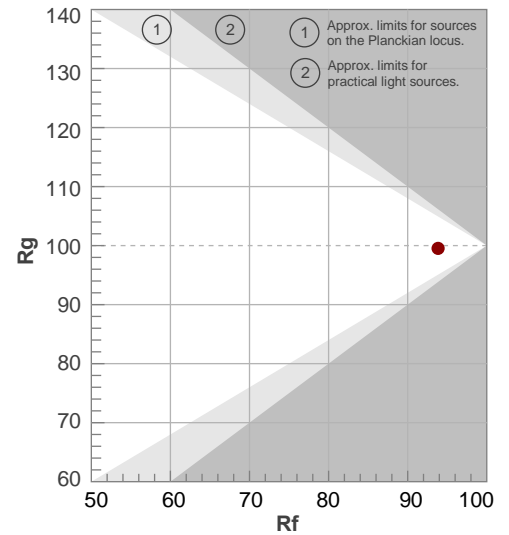
Rf 93.8

Fidelity index Rf

Rg 99.5

Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	93	-3%	1%
2	95	-2%	1%
3	95	-1%	2%
4	95	-2%	-1%
5	96	-1%	1%
6	97	1%	1%
7	95	-2%	1%
8	98	0%	1%
9	95	0%	3%
10	92	1%	5%
11	92	3%	5%
12	92	4%	-1%
13	92	2%	-6%
14	90	3%	-8%
15	93	-2%	-2%
16	88	-2%	-9%



Aiming Angle

