

Photometric / Colorimetric / Electric Report

Fixture Model:

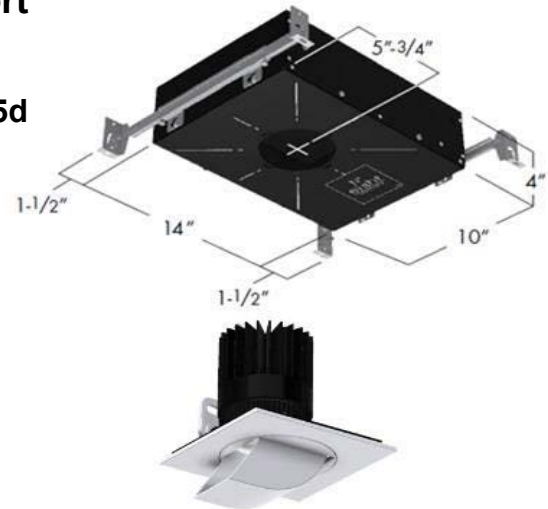
804S-M2S-WD-40-DIM1-8-1000-WD-FS-P-1-WH-45d

Trim Model:

FS-P-1-WH

Date:

4/25/2022



Light efficiency:

36 Lumen/Watt

Light quality:

CRI: 96.4

Color temperature:

3080 K

CIE 1931:

x: 0.431
y: 0.401

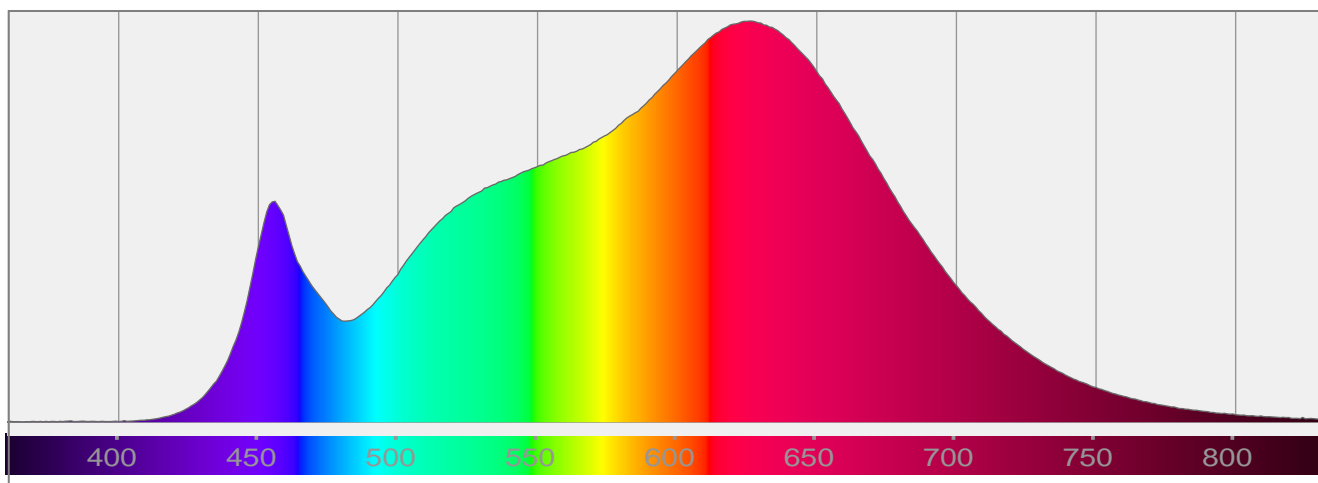
Output: 522 lm

Peak: 1458 cd

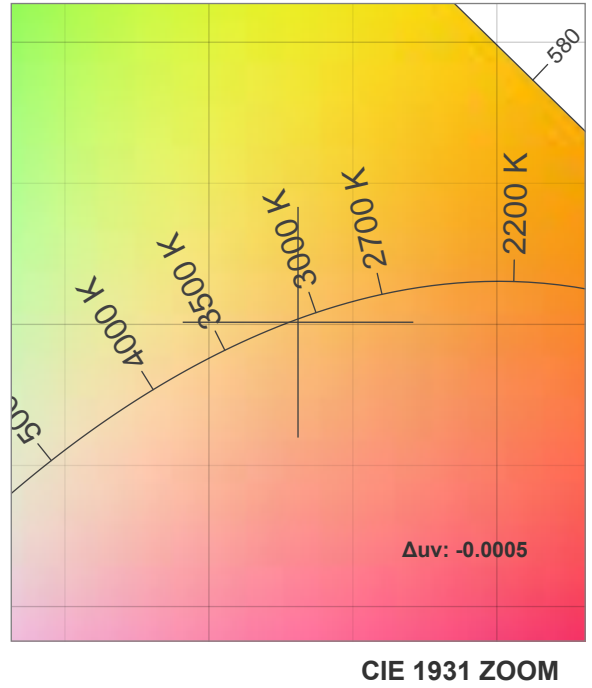
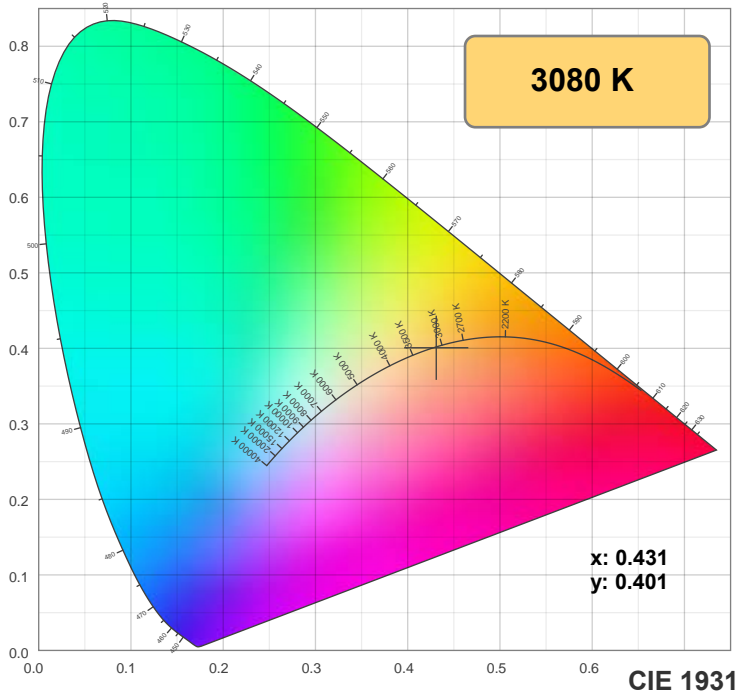
Power: 14.5 W

PF: 0.99

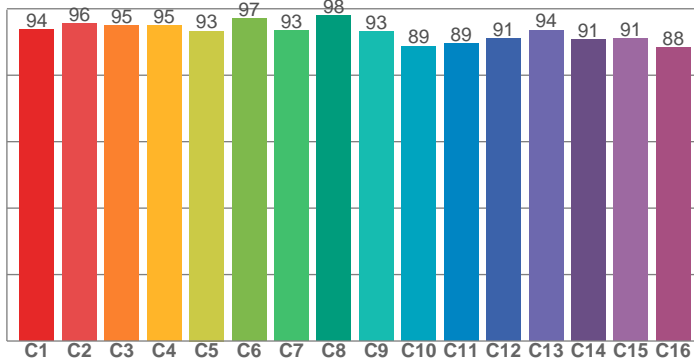
Spectra:



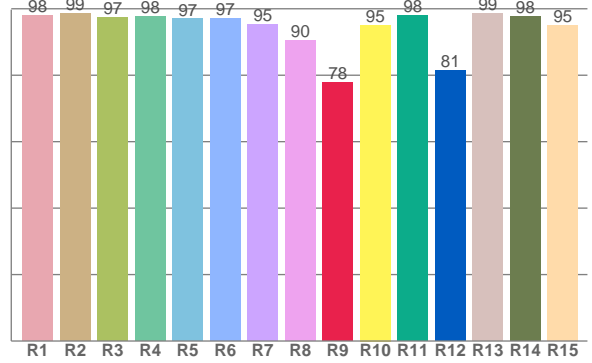
Color Details



TM-30: 93.0



CRI: 96.4 (R1-R8)



CRI R Values:

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.9	98.7	97.5	97.6	96.9	97.0	95.4	90.4	77.9	95.1	98.0	81.4	98.5	97.6	94.9

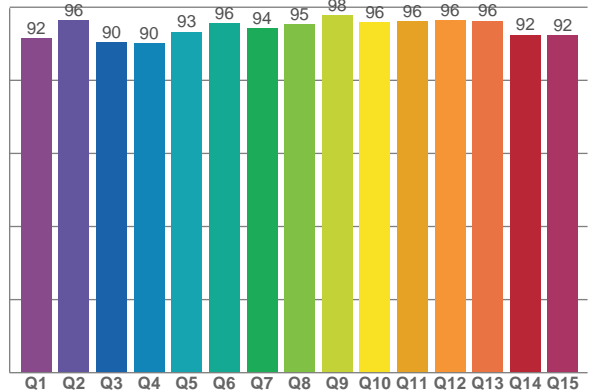
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
93.6	95.7	94.8	94.9	93.3	97.0	93.4	98.0	93.2	88.8	89.4	91.1	93.6	90.6	91.1	88.4

CQS Q values:

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
91.6	96.3	90.4	90.1	93.3	95.6	94.2	95.3	97.7	95.8	96.1	96.3	96.3	92.5	92.3

CQS: 93.7



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
3080 K	96.4	77.9	93.0	99.7	93.7	0.431	0.401	0.248	0.346	-0.0005

TM-30 Details

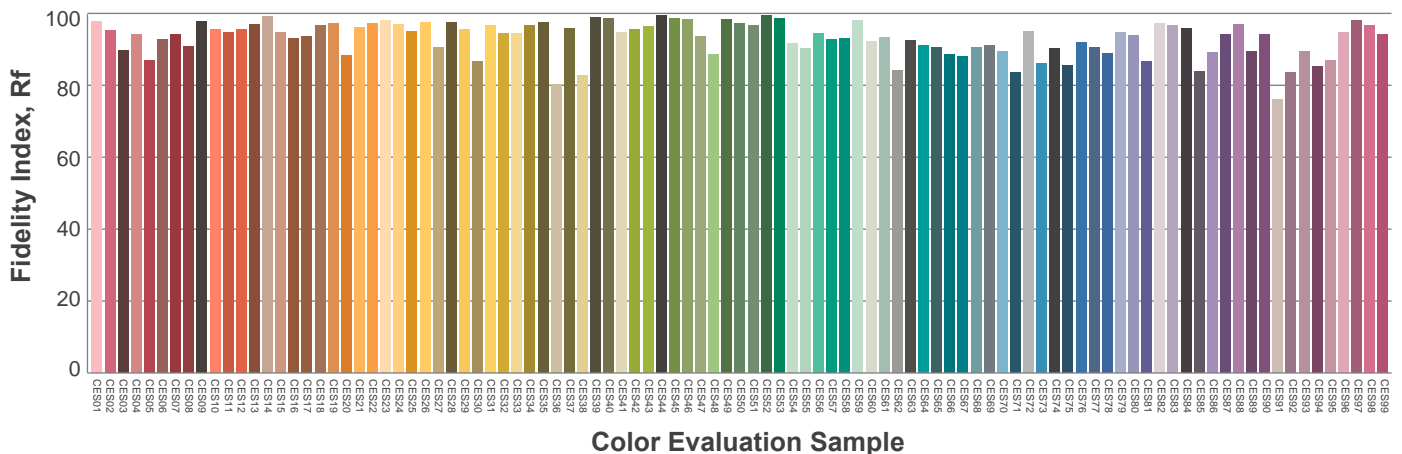
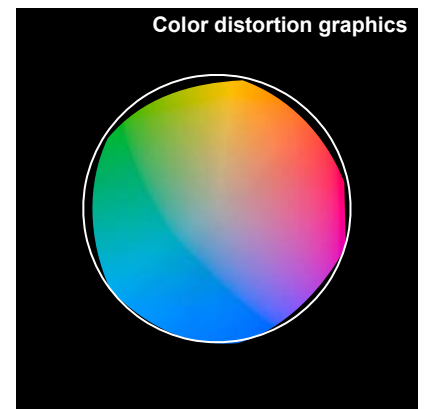
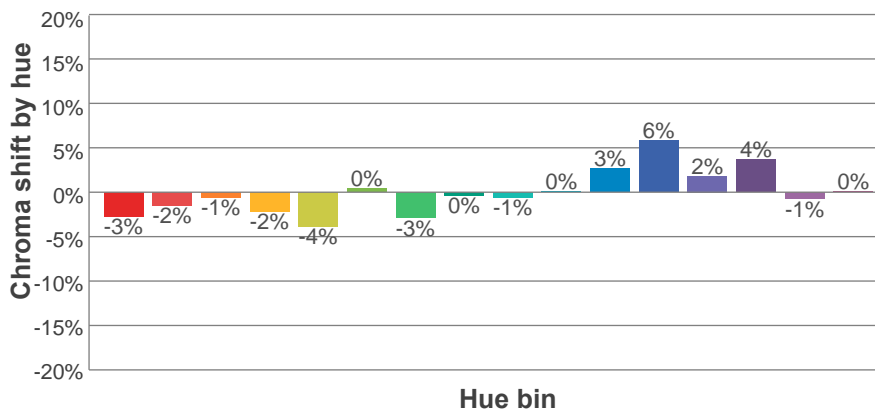
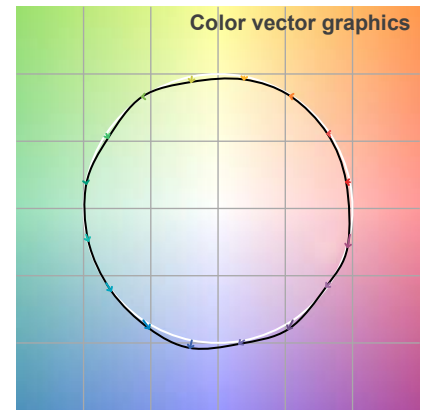
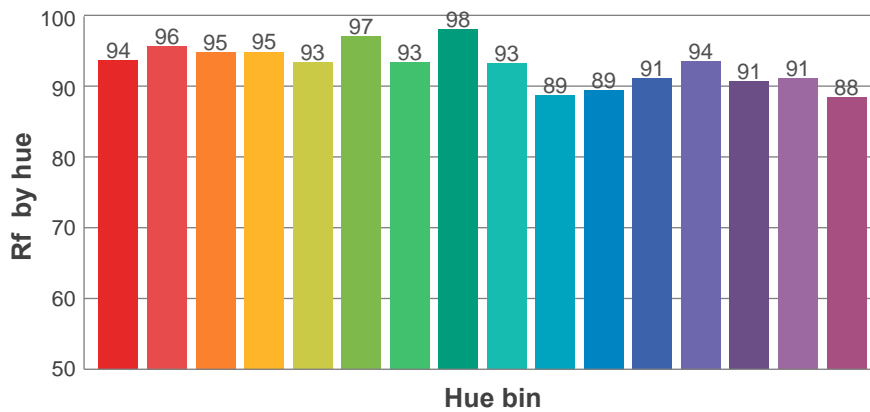
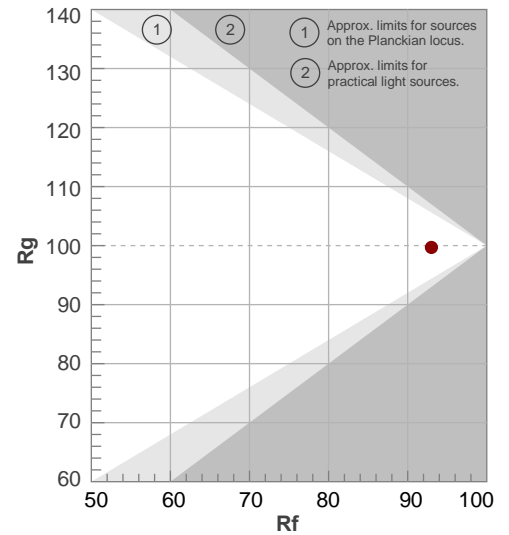
Rf 93.0

Fidelity index Rf

Rg 99.7

Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	94	-3%	1%
2	96	-2%	1%
3	95	-1%	2%
4	95	-2%	0%
5	93	-4%	1%
6	97	0%	1%
7	93	-3%	2%
8	98	0%	1%
9	93	-1%	5%
10	89	0%	7%
11	89	3%	7%
12	91	6%	0%
13	94	2%	-4%
14	91	4%	-6%
15	91	-1%	-4%
16	88	0%	-9%



Aiming Angle

