

Photometric / Colorimetric / Electric Report

Fixture Model:

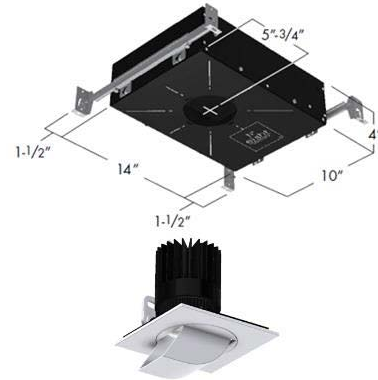
804S-M2S-WD-4-40-PR1-8-350-FS-P-1-WH-45d

Trim Model:

FS-P-1-WH

Date:

1/8/2025



Light efficiency:

38 Lumen/Watt

Light quality:

CRI: 96.2

Color temperature:

2993 K

CIE 1931:

**x: 0.437
y: 0.404**

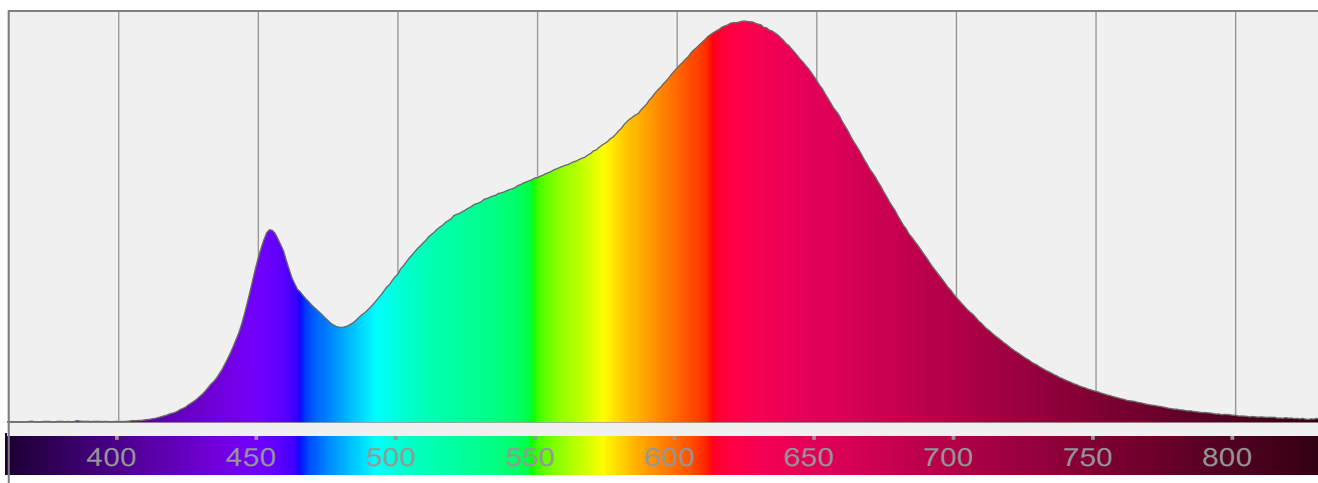
Output: 560 lm

Peak: 1609 cd

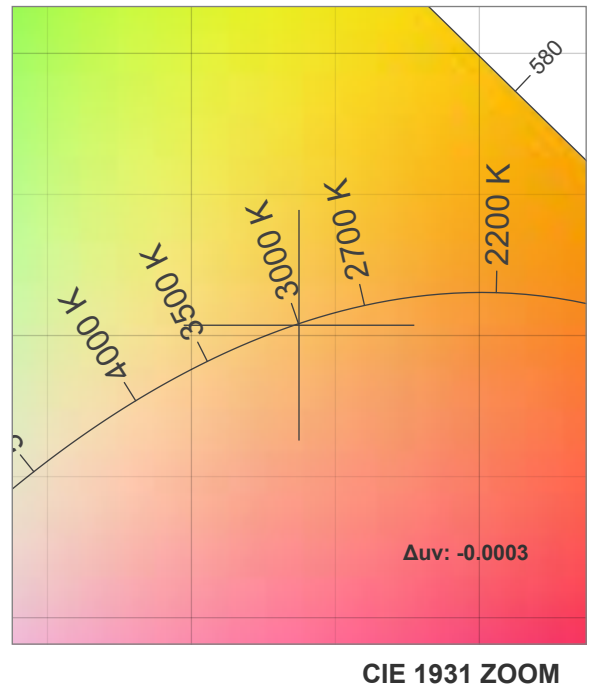
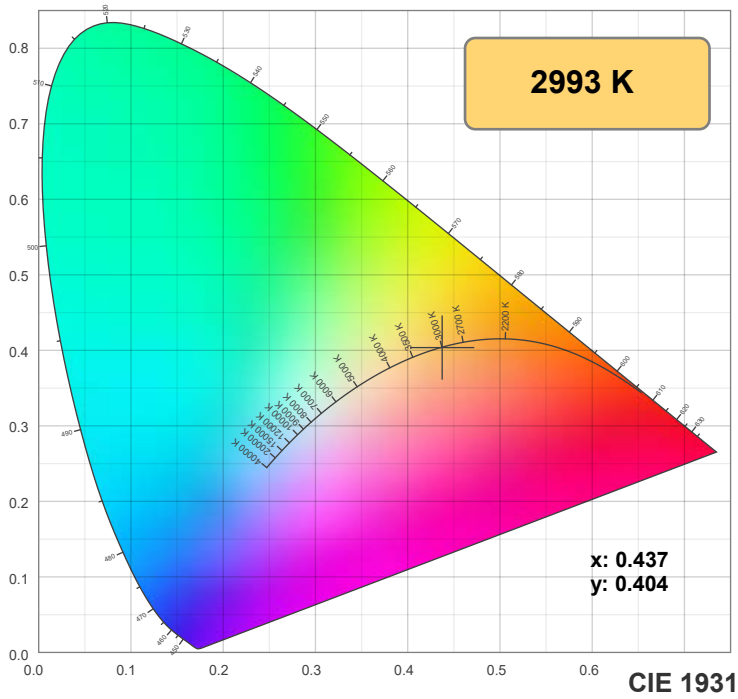
Power: 14.7 W

PF: 0.99

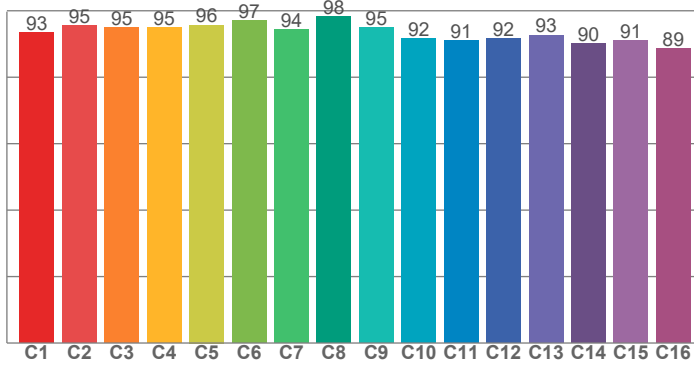
Spectra:



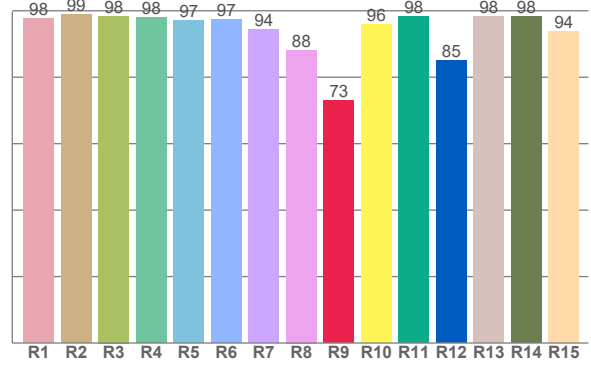
Color Details



TM-30: 93.6



CRI: 96.2 (R1-R8)



CRI R Values:

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.6	98.8	98.4	97.9	97.2	97.3	94.4	88.2	73.0	95.8	98.2	85.0	98.3	98.2	93.7

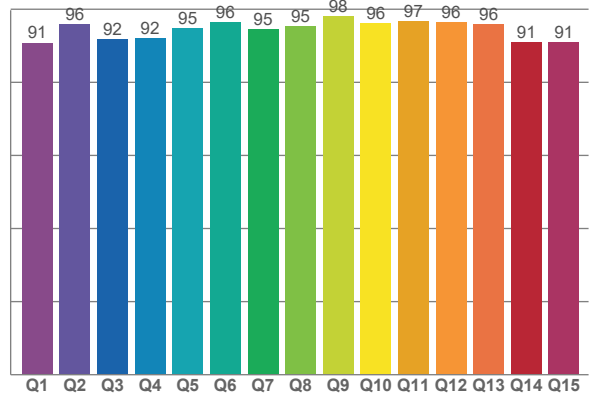
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
93.5	95.5	94.9	94.9	95.7	97.1	94.5	98.3	94.8	91.6	91.1	91.5	92.7	90.1	91.0	88.6

CQS Q values:

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
90.8	95.9	91.8	92.1	94.8	96.3	94.6	95.4	98.1	96.3	96.6	96.4	95.9	91.0	90.9

CQS: 93.8



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
2993 K	96.2	73.0	93.6	99.6	93.8	0.437	0.404	0.251	0.348	-0.0003

TM-30 Details

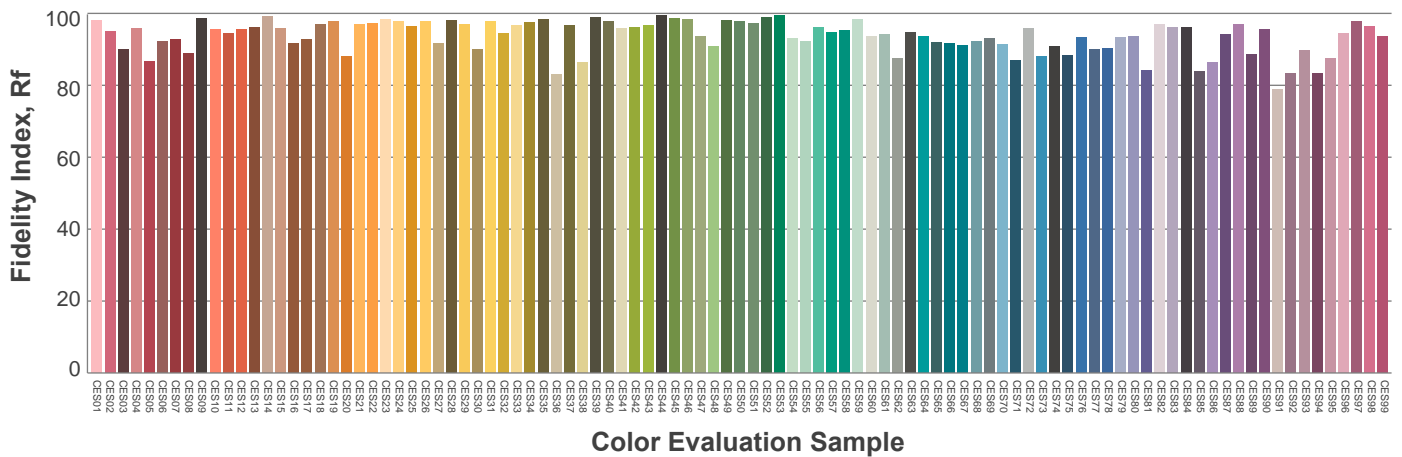
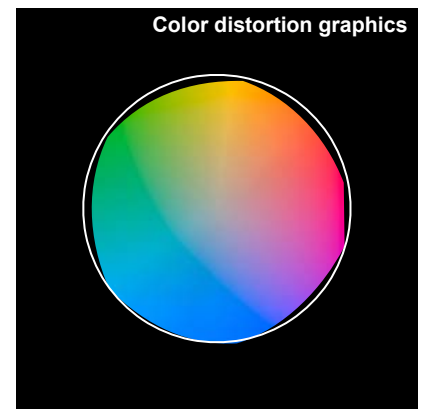
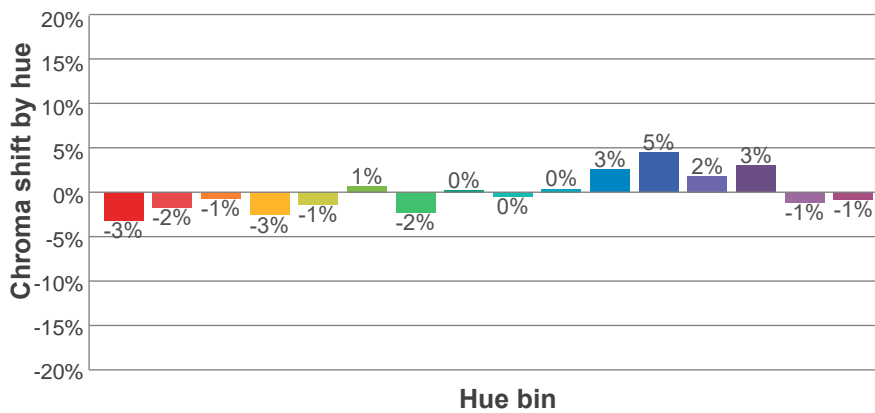
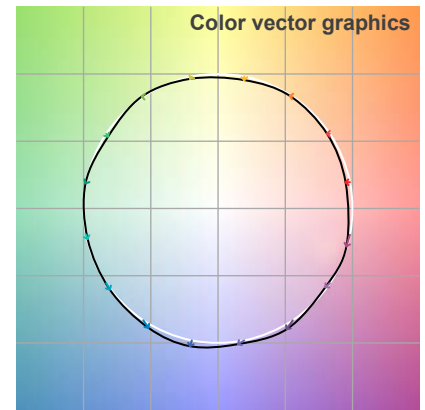
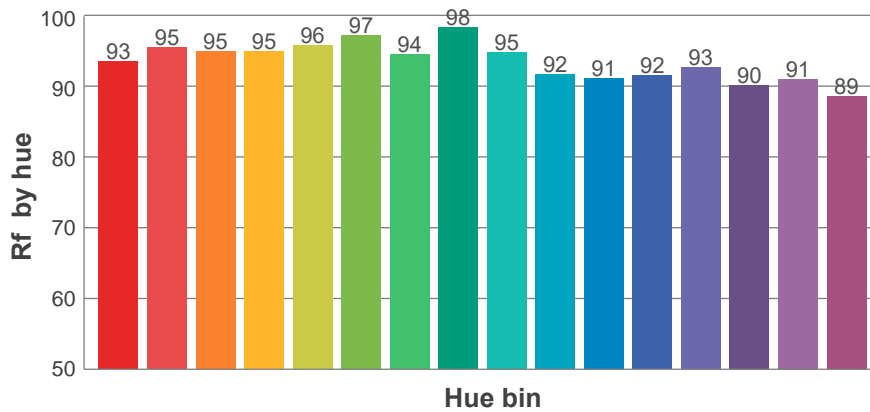
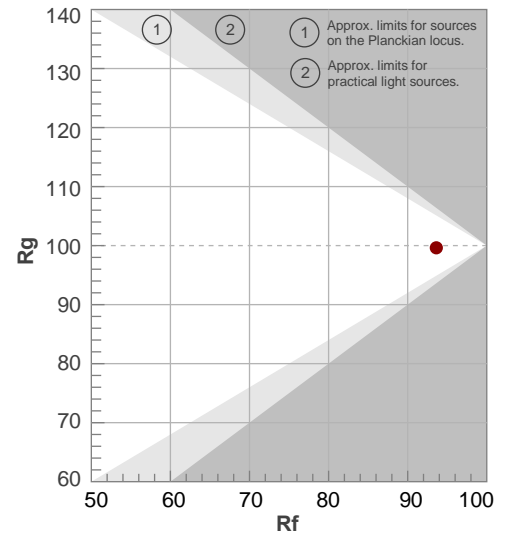
Rf 93.6

Fidelity index Rf

Rg 99.6

Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	93	-3%	0%
2	95	-2%	1%
3	95	-1%	2%
4	95	-3%	-1%
5	96	-1%	2%
6	97	1%	1%
7	94	-2%	1%
8	98	0%	1%
9	95	0%	3%
10	92	0%	5%
11	91	3%	6%
12	92	5%	0%
13	93	2%	-5%
14	90	3%	-7%
15	91	-1%	-4%
16	89	-1%	-9%



Aiming Angle

