

## Photometric / Colorimetric / Electric Report

Fixture Model:

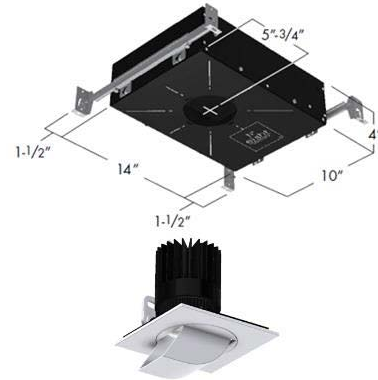
**804S-M2S-WD-40-DIM1-8-350-FS-P-1-WH-45d**

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**

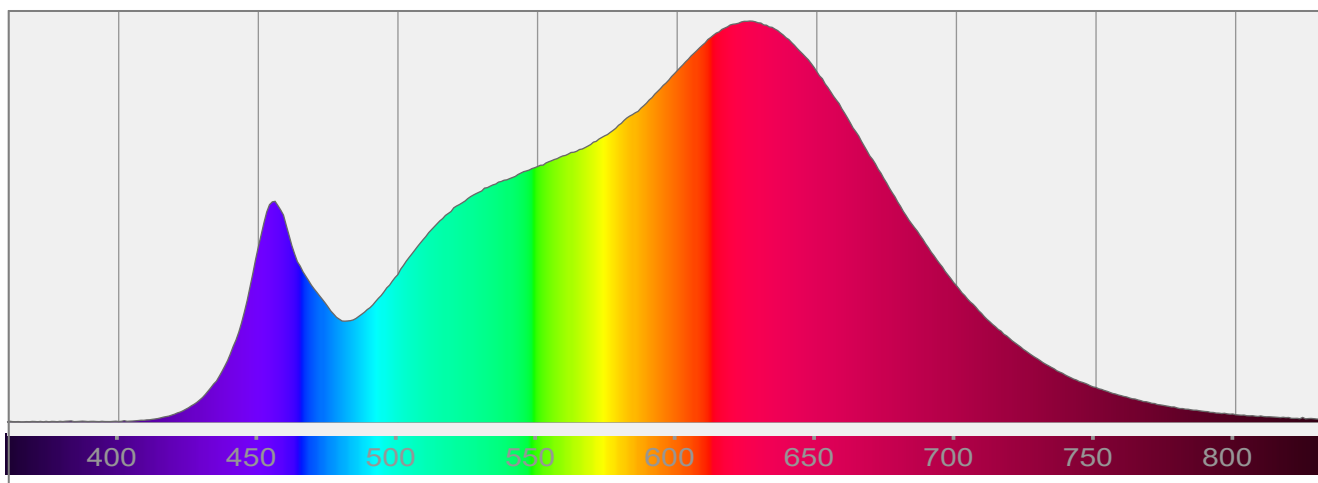
**Output: 522 lm**

**Peak: 1458 cd**

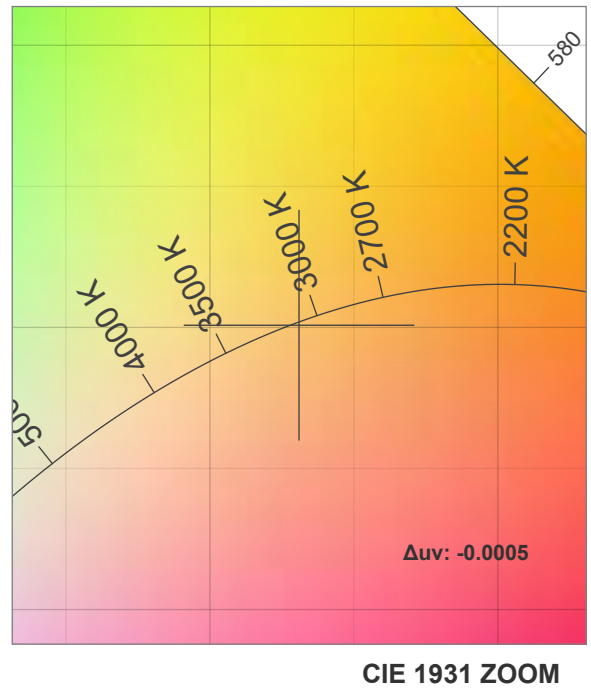
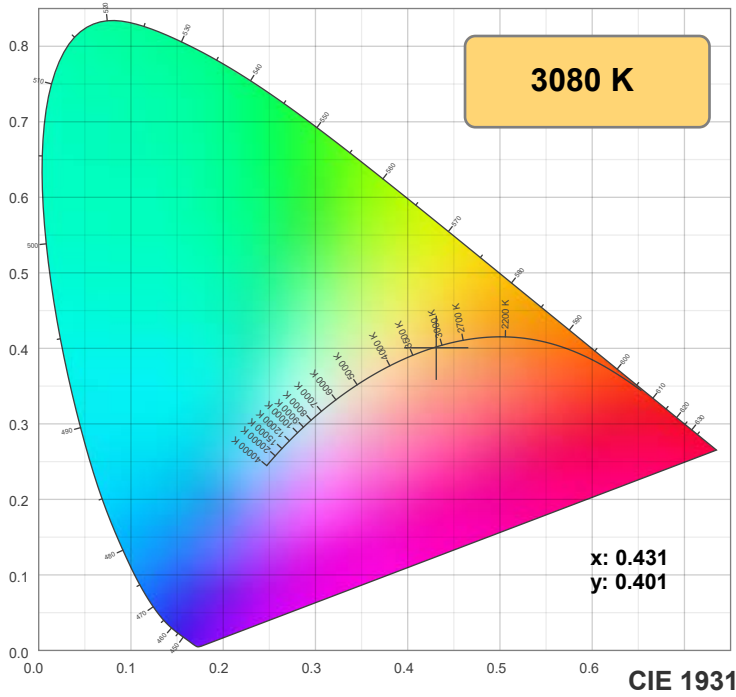
**Power: 14.5 W**

**PF: 0.99**

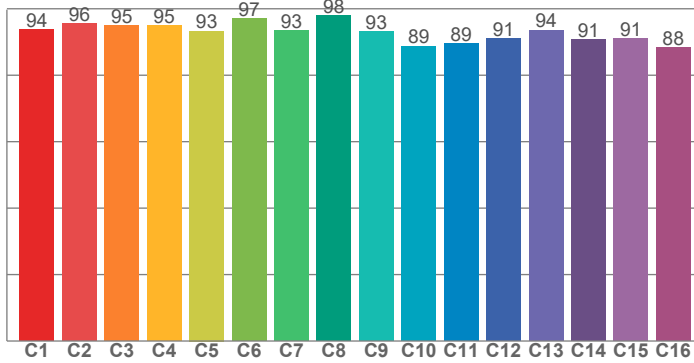
Spectra:



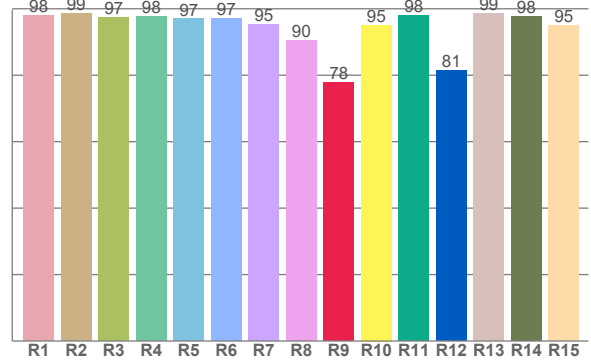
## Color Details



**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

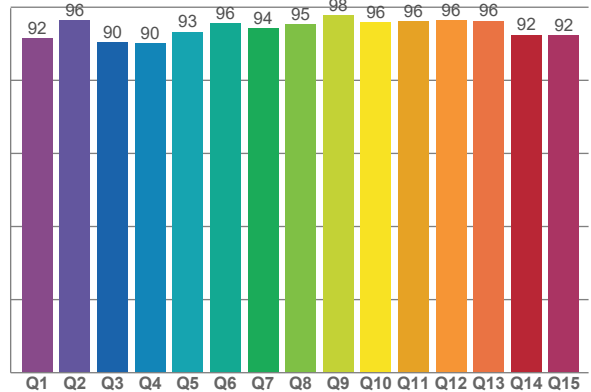
**TM30 C Values:**

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

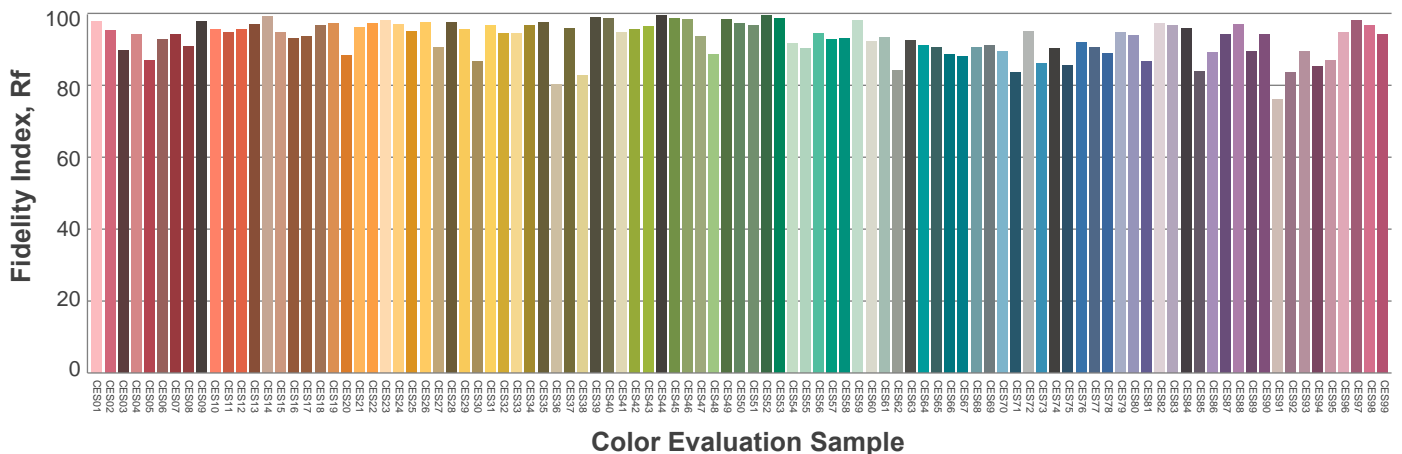
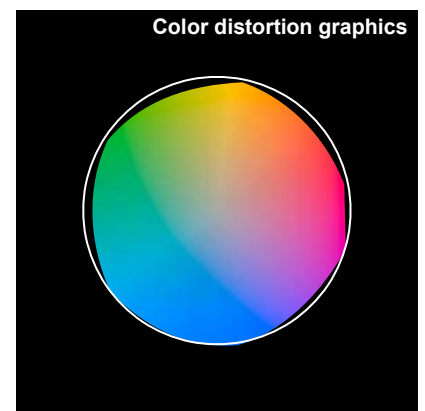
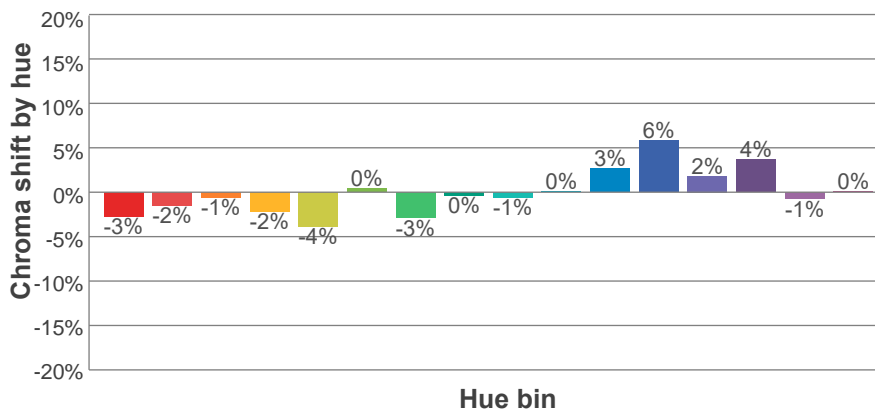
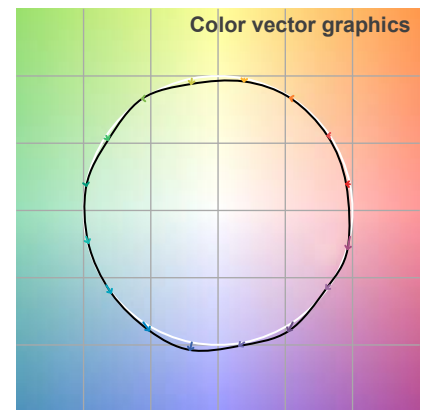
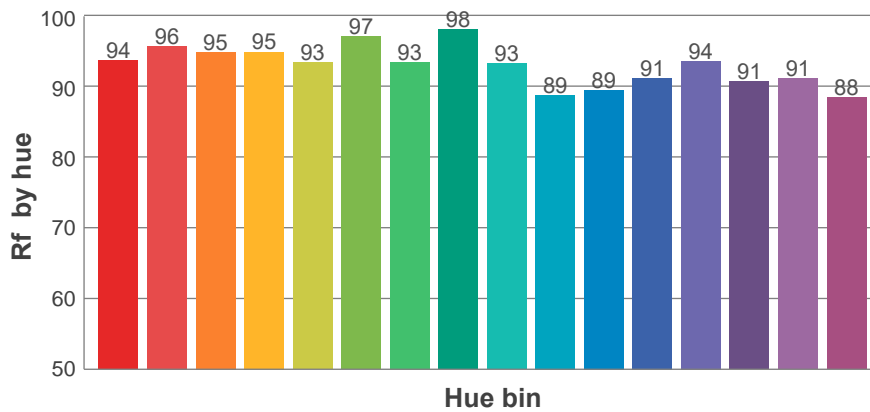
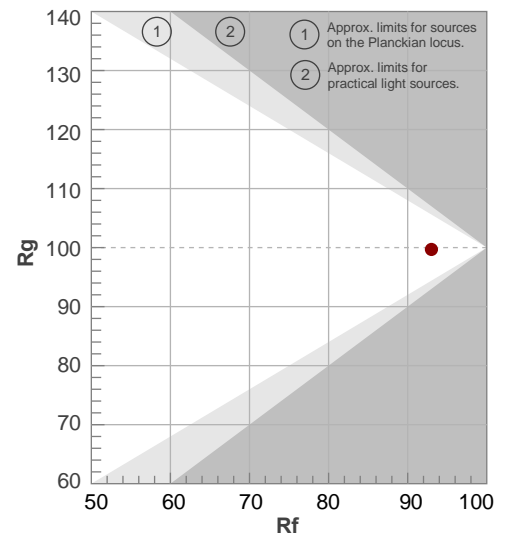
**Rf 93.0**

Fidelity index Rf

**Rg 99.7**

Gamut index Rg

Hue Bin	R <sub>f</sub>	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

