

# Photometric / Colorimetric / Electric Report

Fixture Model:

400-WD-4-40-PR1-4-350-FLS-4-WH-WW-4-20d

Trim Model:

FLS-4-WH-WW-4

Date:

8/7/2024



Light efficiency:



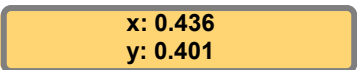
Light quality:



Color temperature:



CIE 1931:



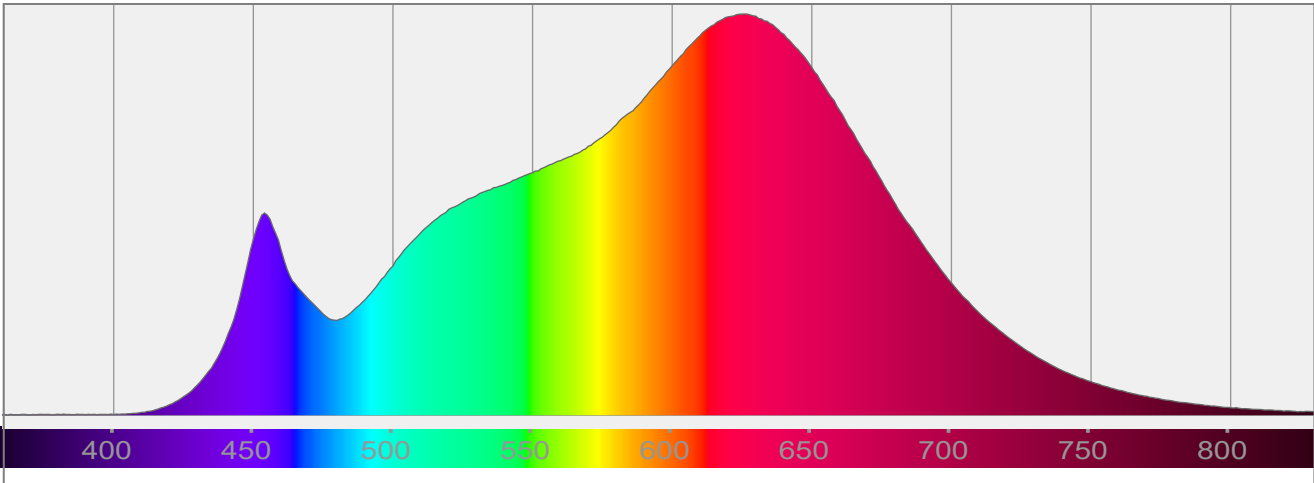
Output: 580 lm

Peak: 449 cd

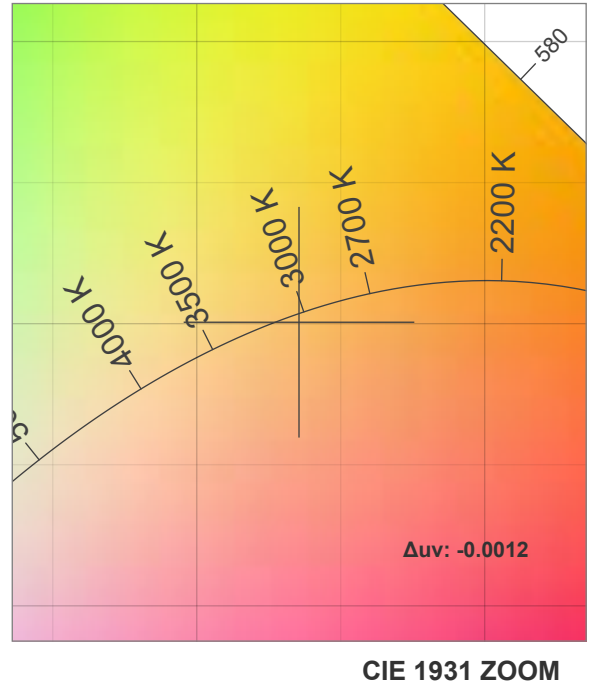
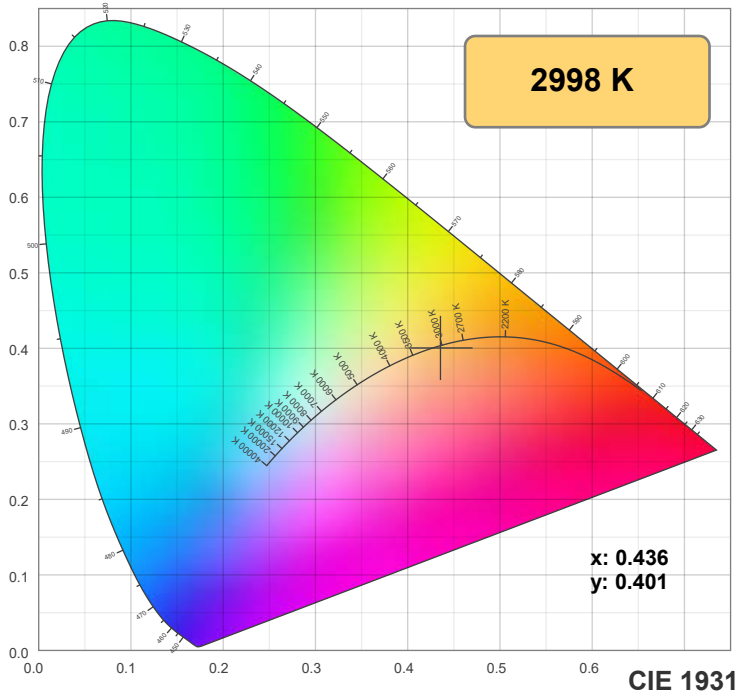
Power: 14.6 W

PF: 0.99

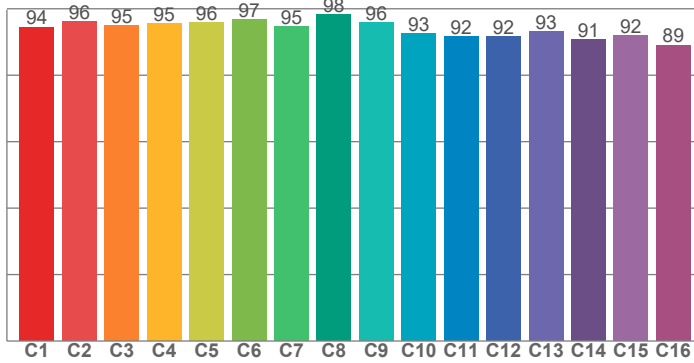
Spectra:



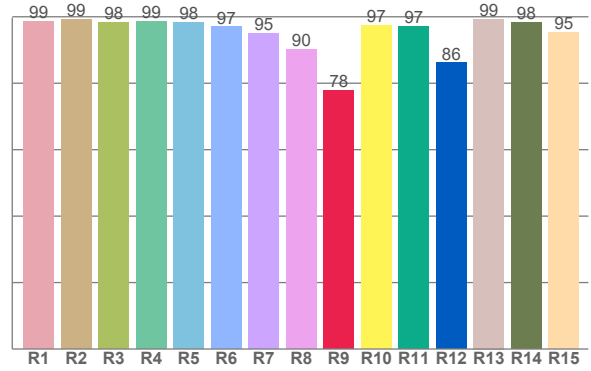
## Color Details



**TM-30: 94.1**



**CRI: 96.9 (R1-R8)**



**CRI R Values:**

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.6	99.3	98.4	98.6	98.4	96.9	94.9	90.1	77.7	97.3	97.2	86.1	99.3	98.2	95.4

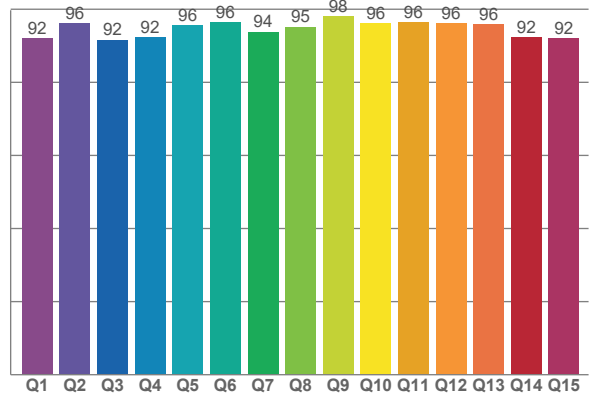
**TM30 C Values:**

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94.5	96.1	95.0	95.5	95.8	96.7	94.6	98.3	95.8	92.6	91.6	91.6	93.1	90.7	91.8	89.1

**CQS Q values:**

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
91.9	96.2	91.7	92.4	95.7	96.4	93.8	95.2	98.2	96.1	96.4	96.3	95.9	92.2	92.0

**CQS: 94.2**



**Color Parameters:**

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	$\Delta uv$
2998 K	96.9	77.7	94.1	100.5	94.2	0.436	0.401	0.251	0.347	-0.0012

# TM-30 Details

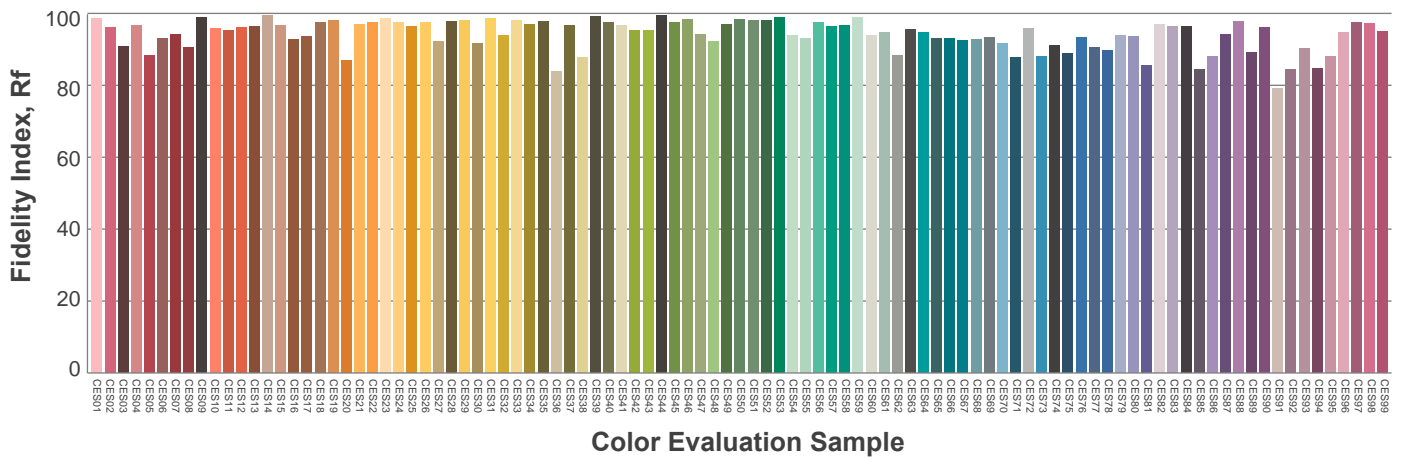
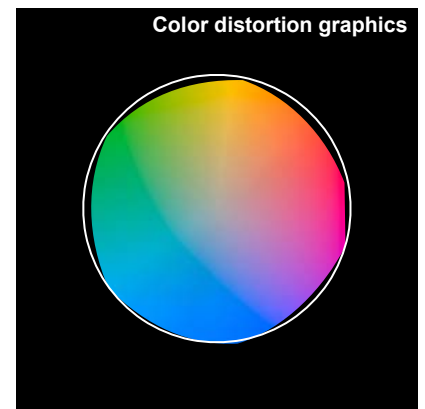
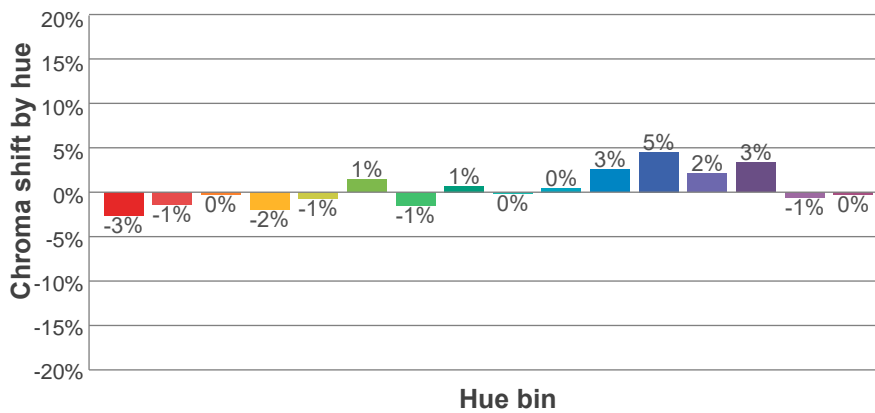
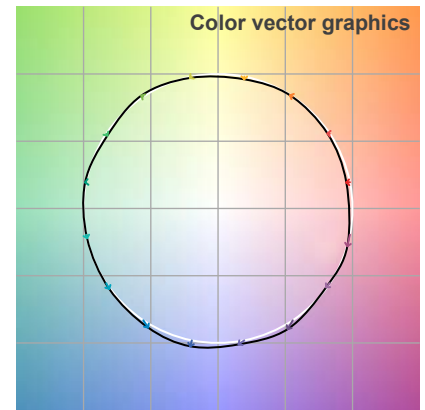
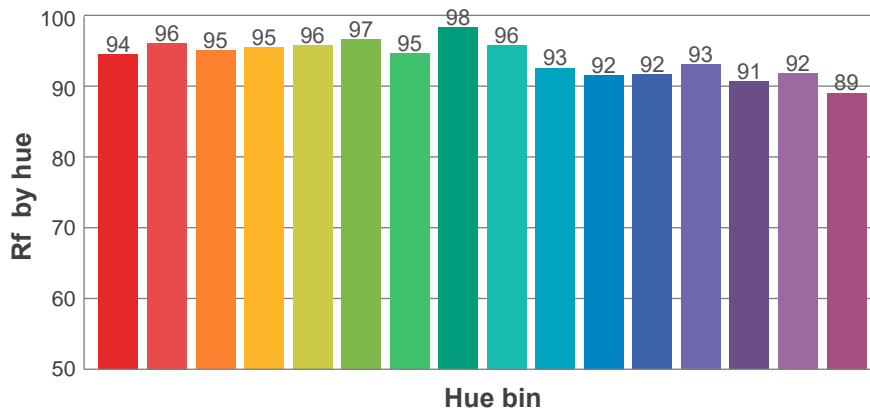
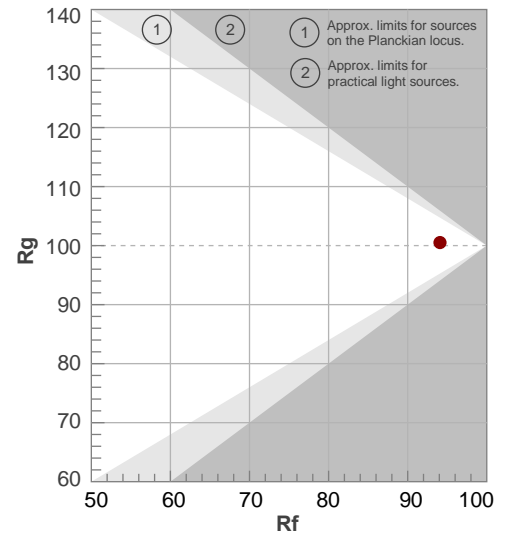
**Rf 94.1**

Fidelity index Rf

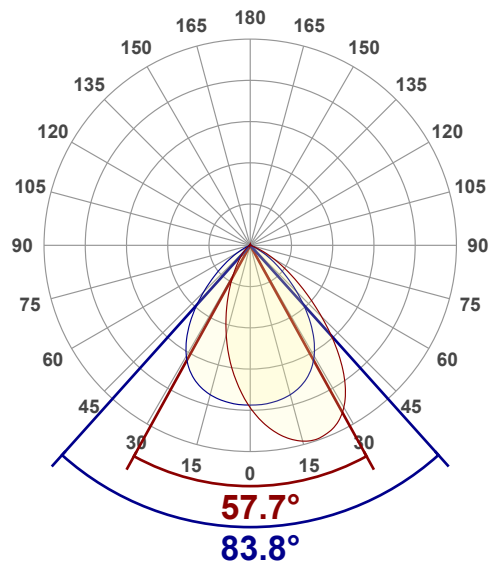
**Rg 100.5**

Gamut index Rg

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



## Angular Distribution Through 0° and 90° Planes



**Beam Angle: 83.8°W x 57.7°L**

## Beam Details

