

## Photometric / Colorimetric / Electric Report

Fixture Model:

**805-W5-WD-2-40-PR1-8.5-350-FS-P-1-WH-WW-8**

Trim Model:

**FS-P-1-WH-WW-8**

Date:

**7/6/2023**



Light efficiency:

**41 Lumen/Watt**

Light quality:

**CRI: 97.2**

Color temperature:

**2831 K**

CIE 1931:

**x: 0.447  
y: 0.404**

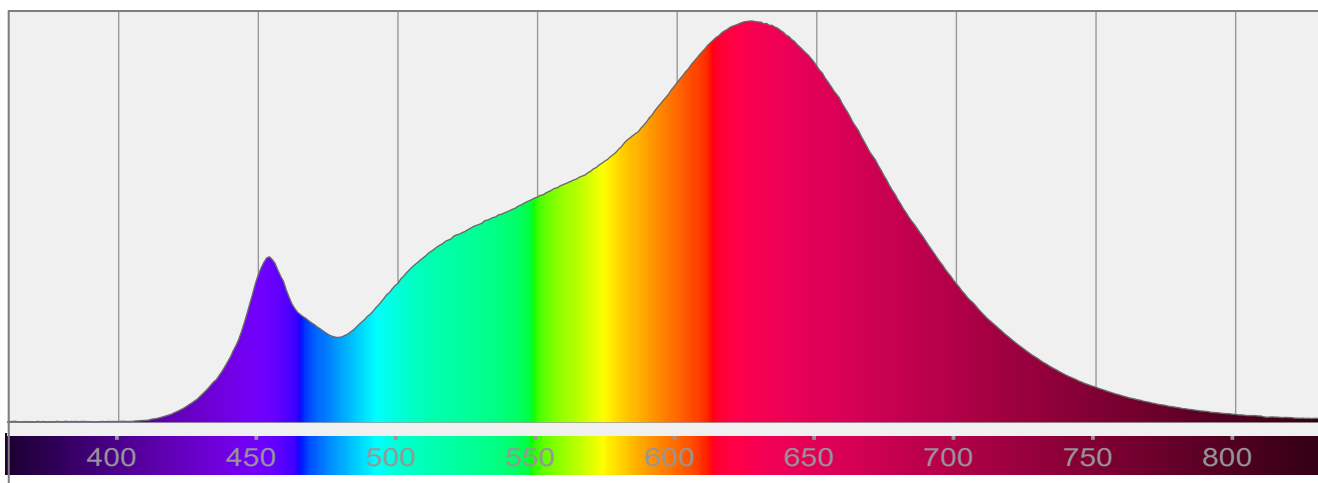
**Output: 608 lm**

**Peak: 406 cd**

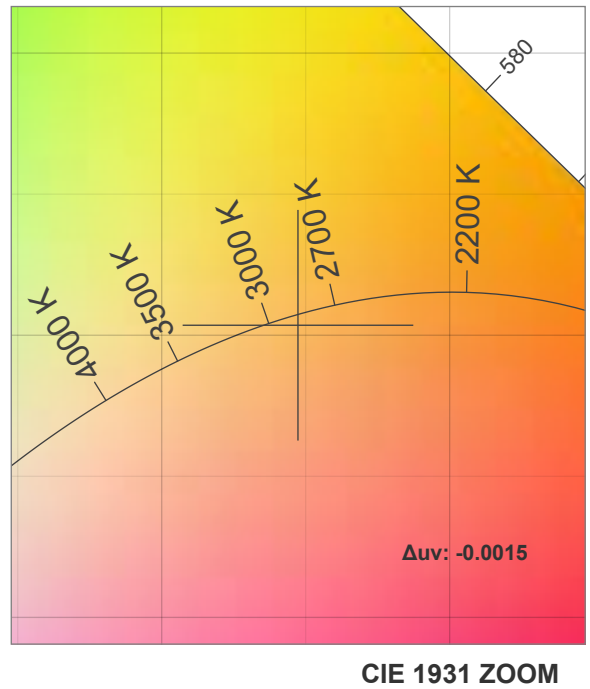
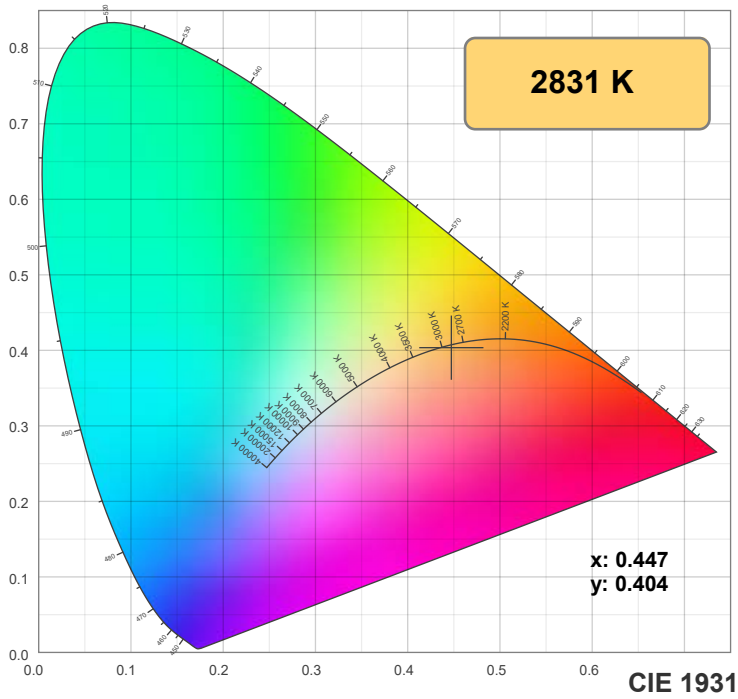
**Power: 14.8 W**

**PF: 0.99**

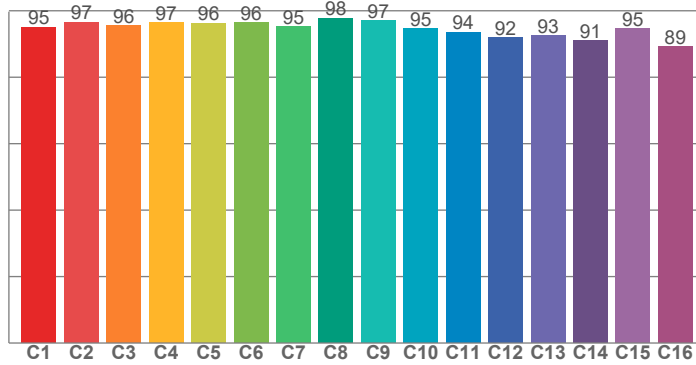
Spectra:



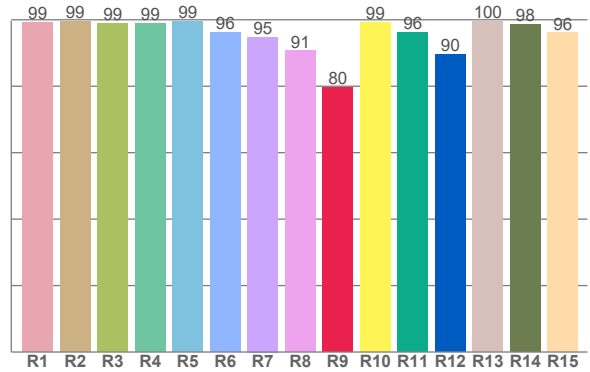
## Color Details



**TM-30: 94.8**



**CRI: 97.2 (R1-R8)**



**CRI R Values:**

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
99.2	99.4	99.0	98.9	99.4	96.3	94.8	90.6	79.6	99.1	96.2	89.5	99.6	98.5	96.0

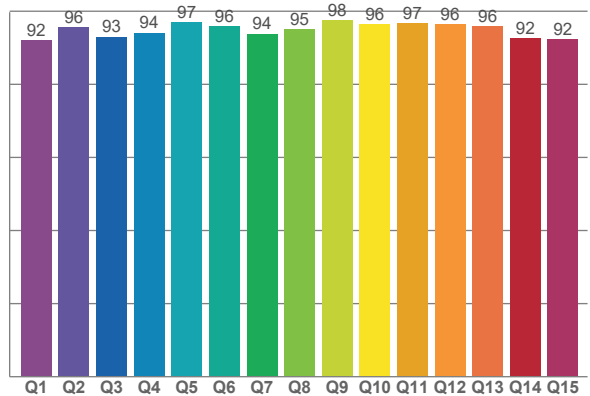
**TM30 C Values:**

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95.1	96.6	95.6	96.5	96.3	96.5	95.3	97.8	96.9	94.7	93.6	91.9	92.6	90.9	94.6	89.3

**CQS Q values:**

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
92.0	95.7	93.0	94.1	97.0	95.8	93.8	95.1	97.6	96.4	96.7	96.4	95.8	92.5	92.2

**CQS: 94.5**



**Color Parameters:**

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	$\Delta uv$
2831 K	97.2	79.6	94.8	100.8	94.5	0.447	0.404	0.258	0.348	-0.0015

# TM-30 Details

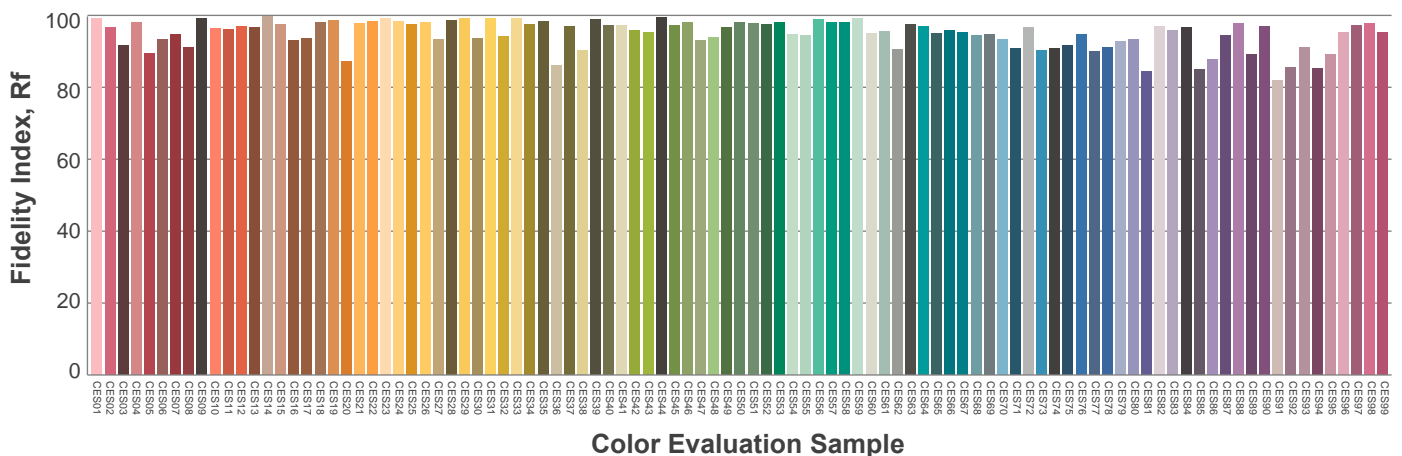
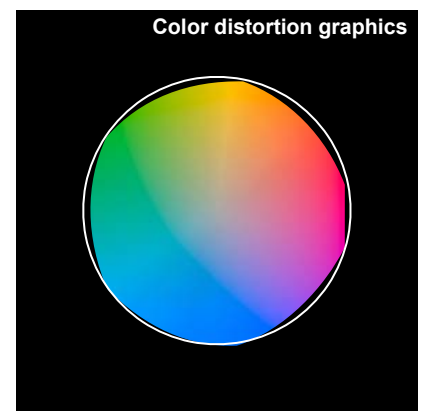
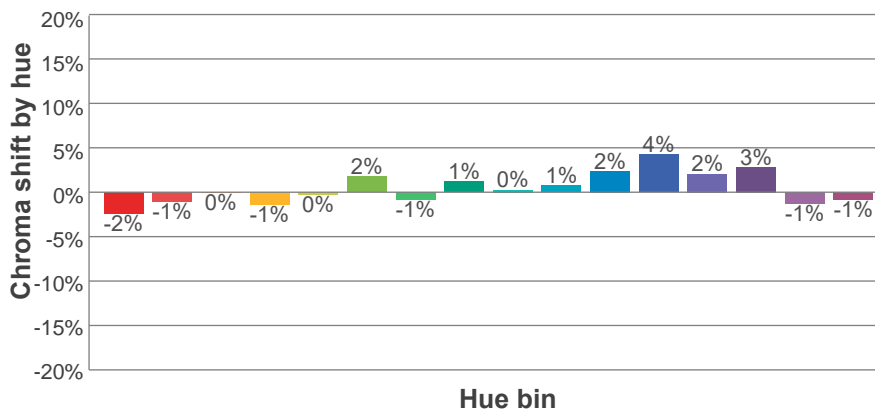
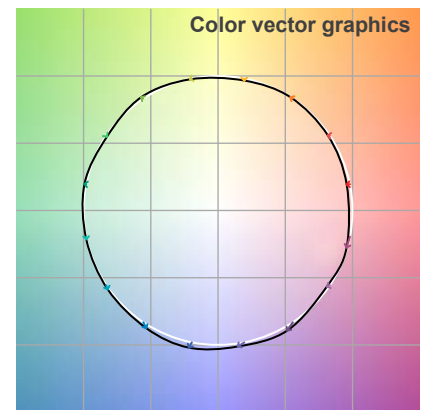
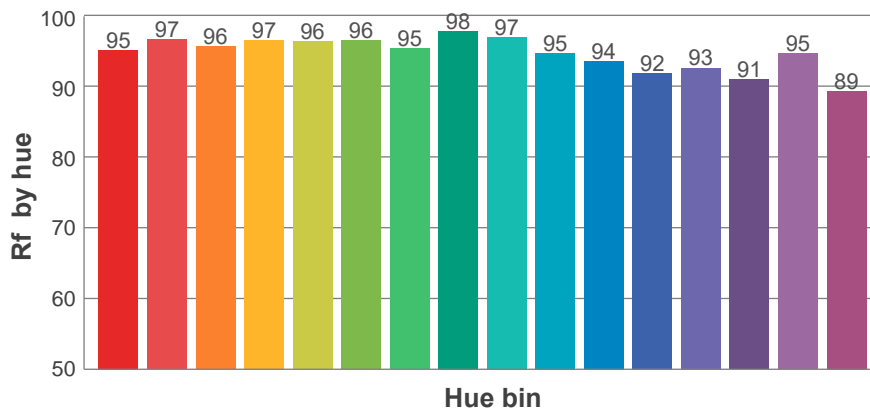
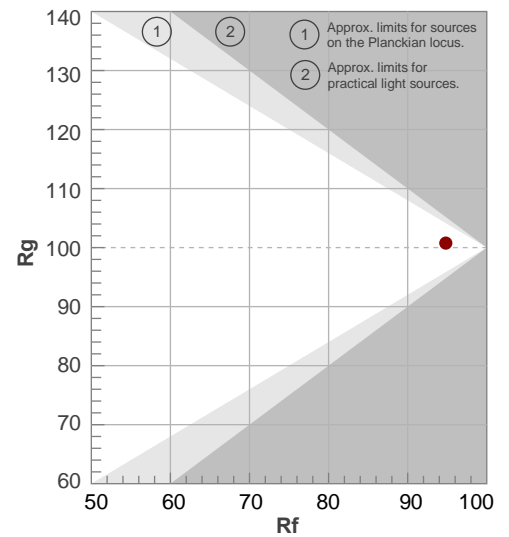
**Rf 94.8**

Fidelity index Rf

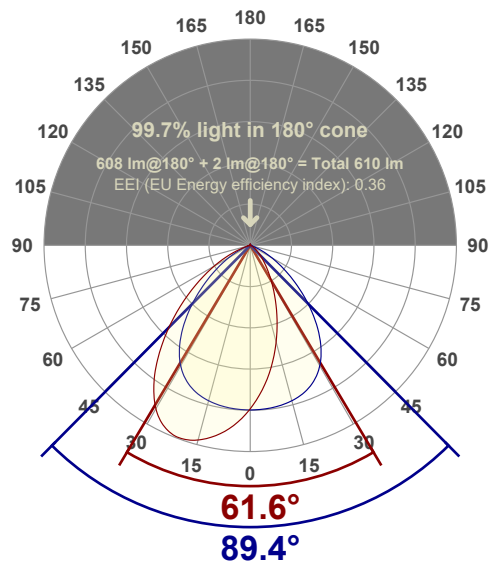
**Rg 100.8**

Gamut index Rg

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



## Angular Distribution Through 0° and 90° Planes



**Beam Angle: 89.4°W x 61.6°L**

## Beam Details

