

Photometric / Colorimetric / Electric Report

Fixture Model:

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

Trim Model:

FS-P-1-WH-WW-8

Date:

7/5/2023



Light efficiency:

40 Lumen/Watt

Light quality:

CRI: 97.3

Color temperature:

3097 K

CIE 1931:

**x: 0.430
y: 0.400**

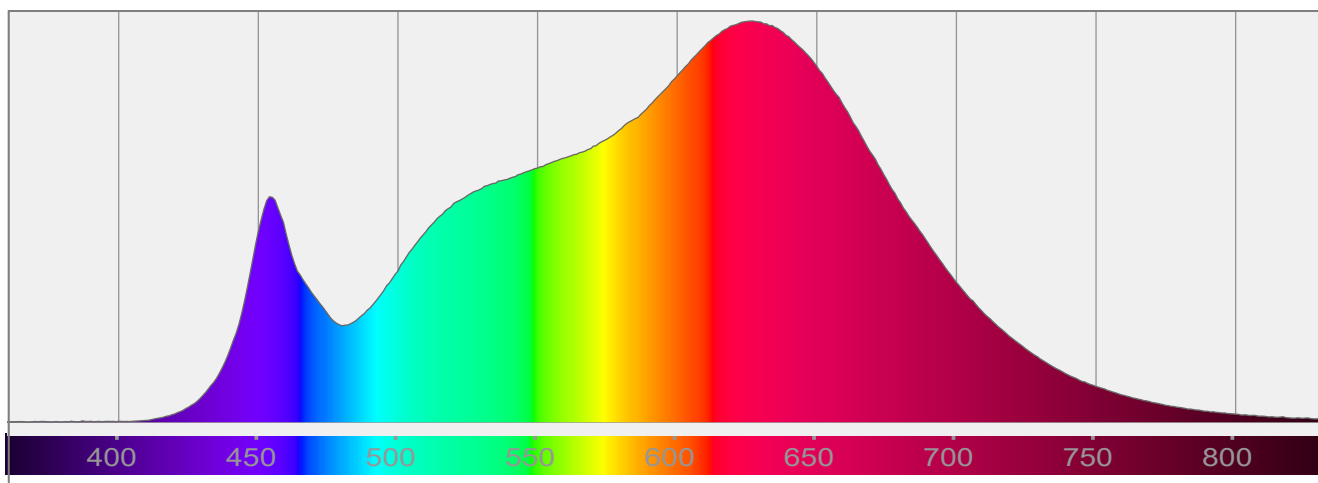
Output: 585 lm

Peak: 391 cd

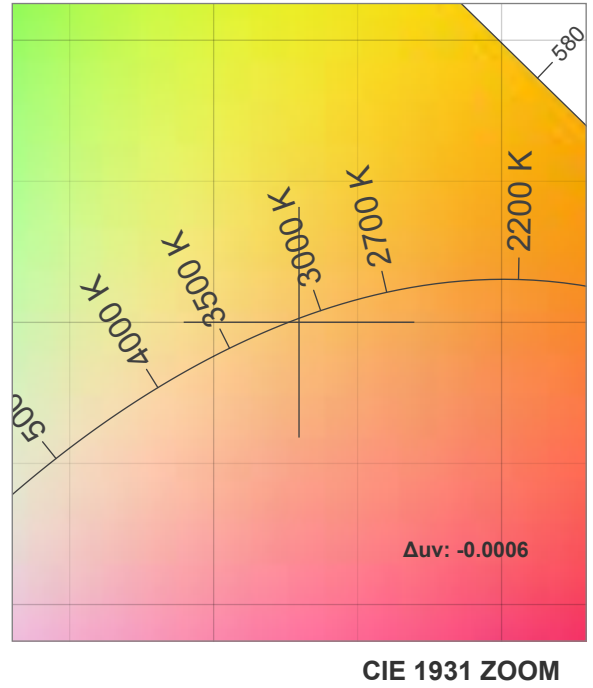
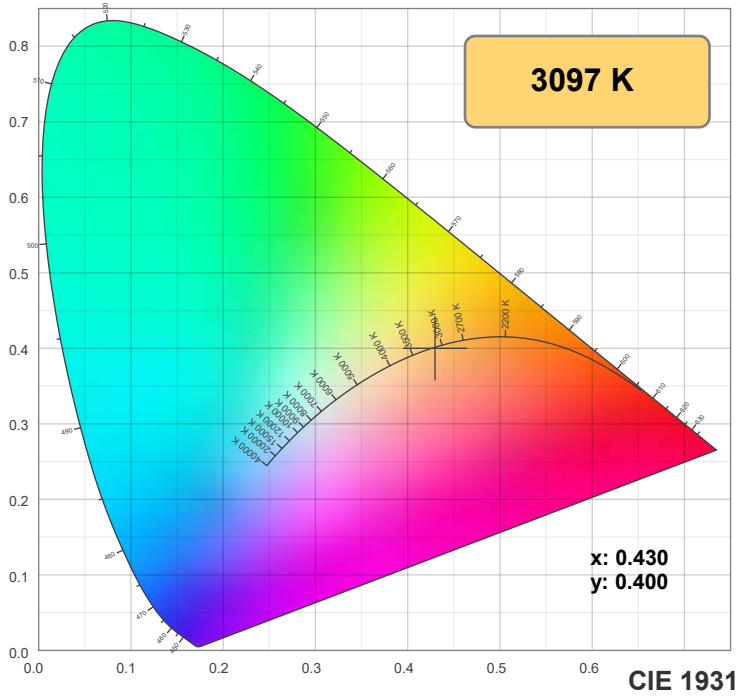
Power: 14.7 W

PF: 0.99

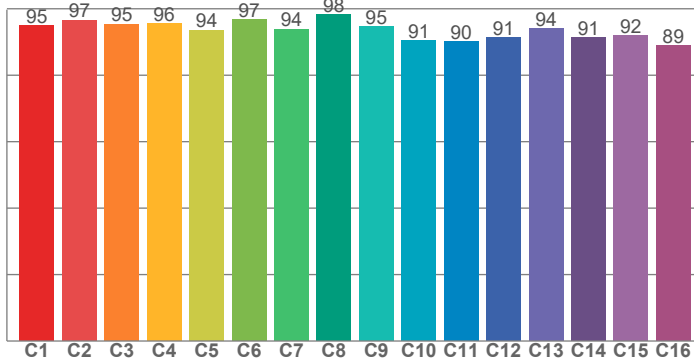
Spectra:



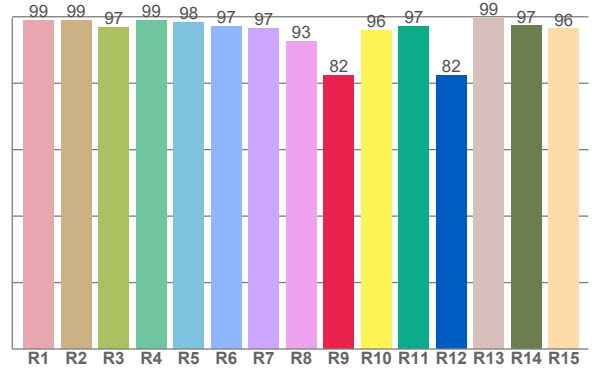
Color Details



TM-30: 93.8



CRI: 97.3 (R1-R8)



CRI R Values:

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.9	98.9	96.9	98.9	98.2	97.2	96.5	92.7	82.4	95.8	97.1	82.4	99.5	97.2	96.3

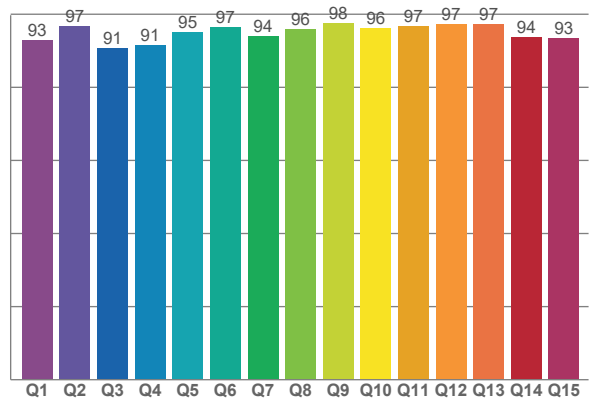
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94.9	96.6	95.4	95.6	93.6	96.8	93.9	98.4	94.6	90.5	90.1	91.4	94.2	91.3	91.9	88.9

CQS Q values:

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
92.8	96.7	90.7	91.4	95.0	96.6	94.0	95.9	97.5	96.0	96.8	97.2	97.2	93.7	93.4

CQS: 94.4



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
3097 K	97.3	82.4	93.8	100.5	94.4	0.430	0.400	0.248	0.346	-0.0006

TM-30 Details

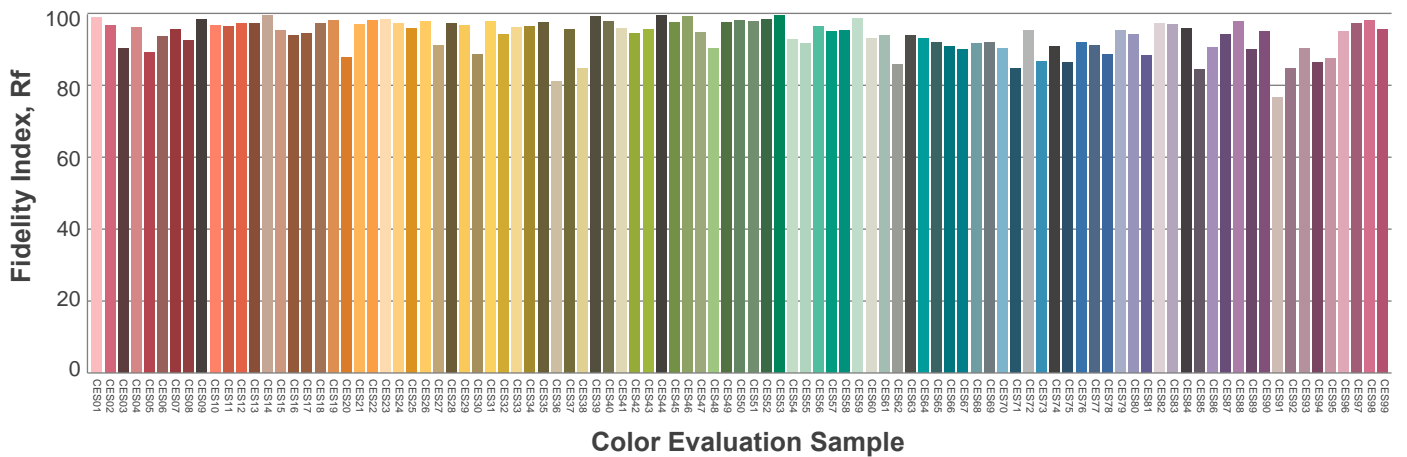
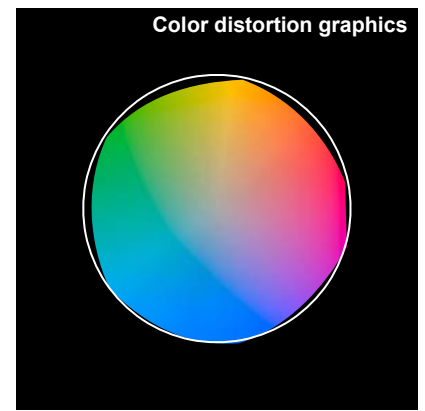
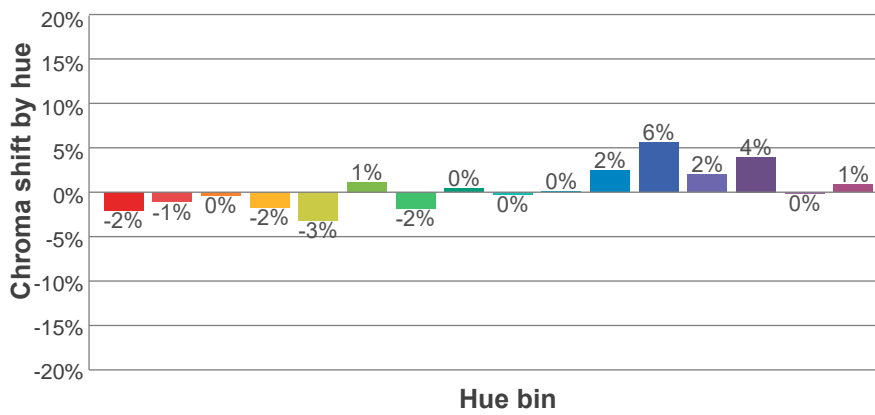
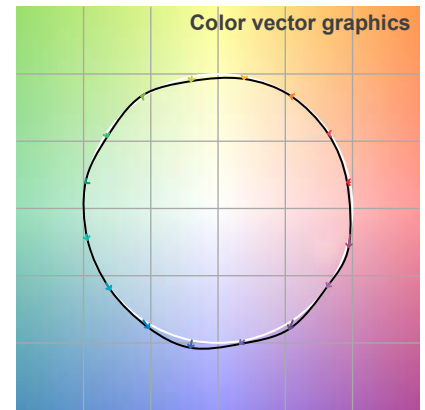
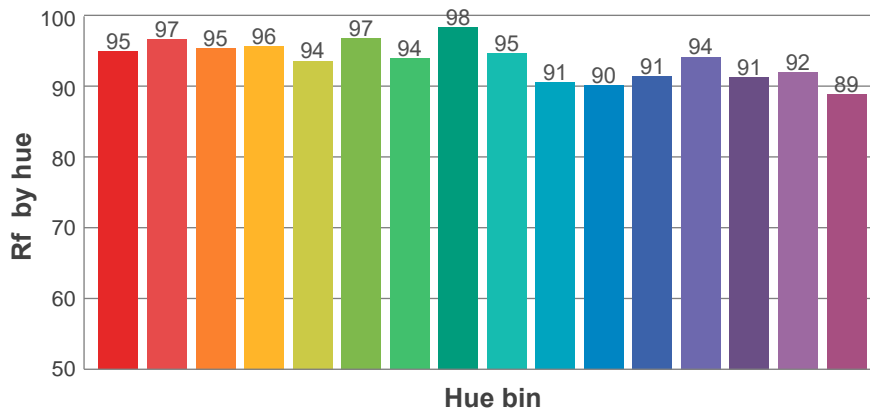
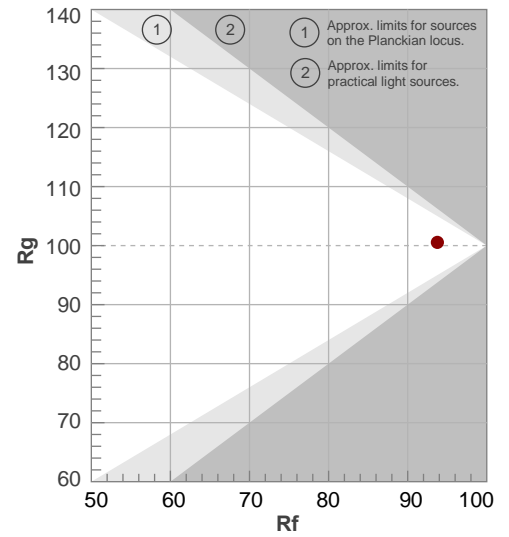
Rf 93.8

Fidelity index Rf

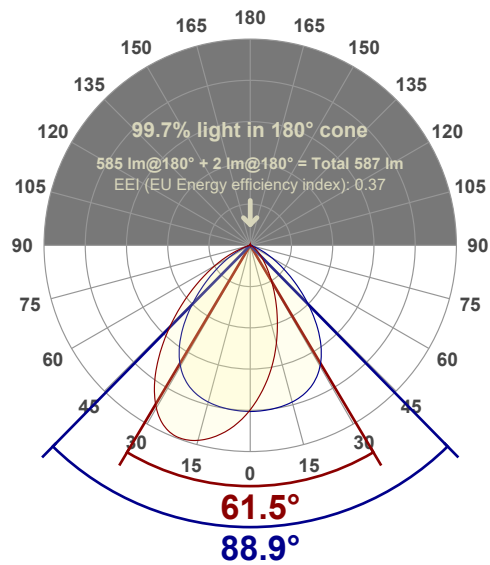
Rg 100.5

Gamut index Rg

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



Angular Distribution Through 0° and 90° Planes



Beam Angle: 88.9°W x 61.5°L

Beam Details

