

Photometric / Colorimetric / Electric Report

Fixture Model:

805-W5-HI-3-10-FL-PR1-8.5-350-FR-P-1-WH-WW-8-20d

Trim Model:

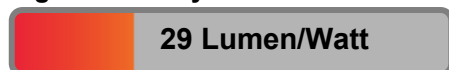
FR-P-1-WH-WW-8

Date:

1/17/2025



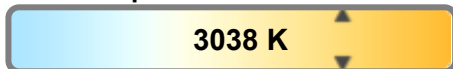
Light efficiency:



Light quality:



Color temperature:



CIE 1931:



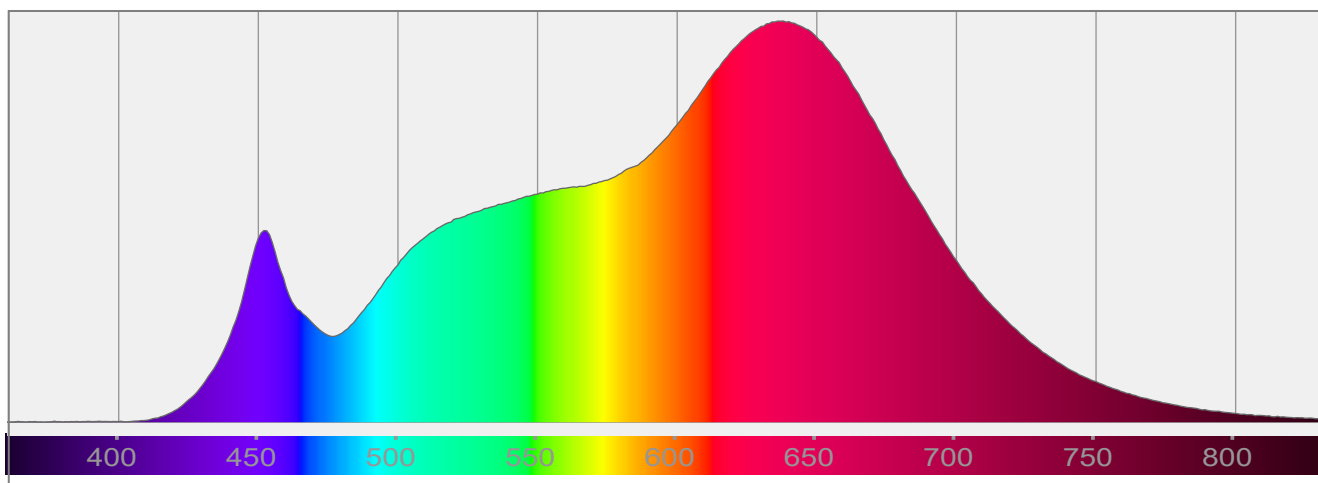
Output: 424 lm

Peak: 317 cd

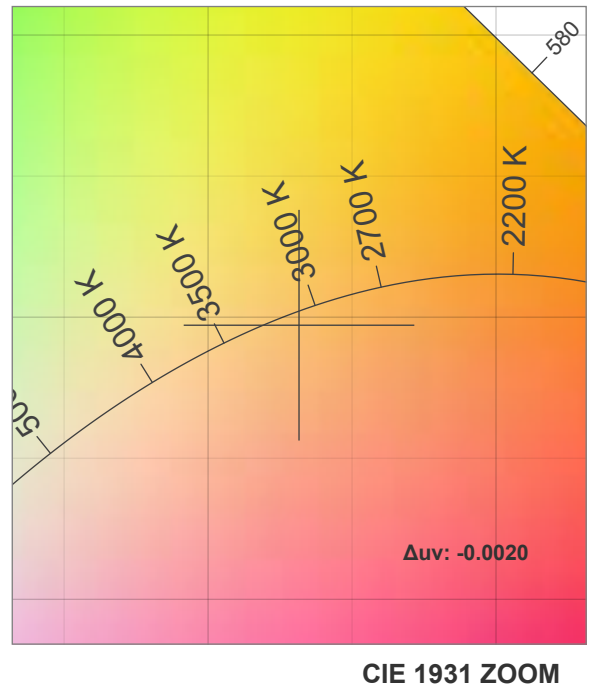
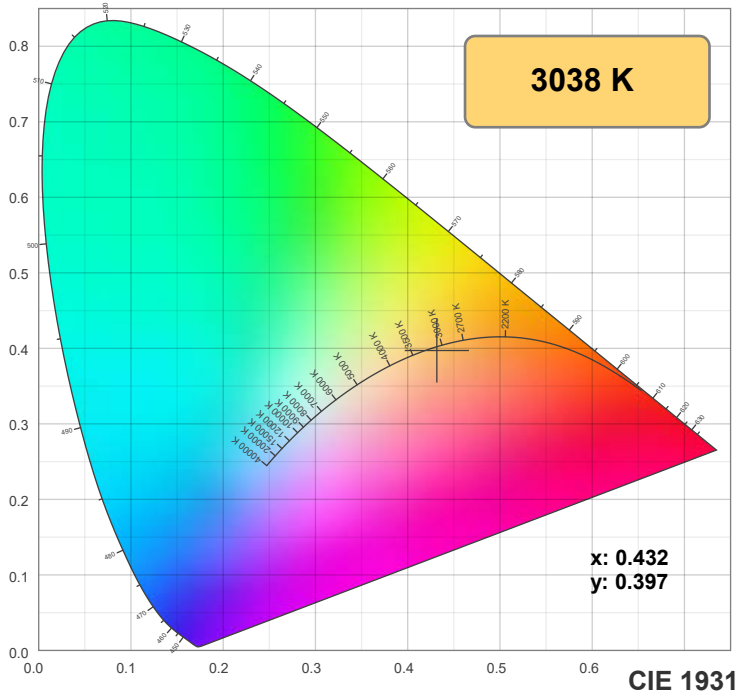
Power: 14.8 W

PF: 0.99

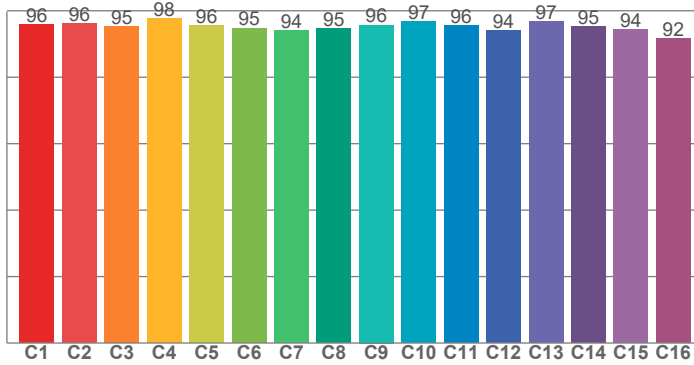
Spectra:



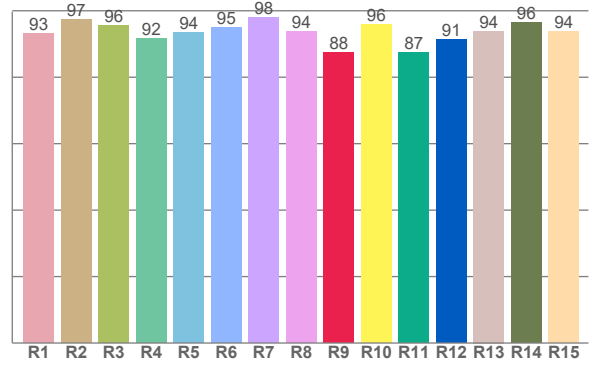
Color Details



TM-30: 95.5



CRI: 94.8 (R1-R8)



CRI R Values:

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93.3	97.4	95.7	91.6	93.6	95.0	97.9	93.7	87.5	95.8	87.4	91.3	93.9	96.5	93.7

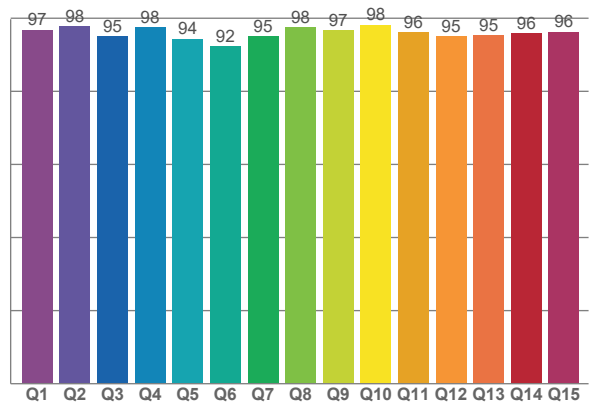
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95.9	96.0	95.3	97.6	95.5	94.8	94.1	94.6	95.7	96.7	95.6	94.1	96.7	95.1	94.3	91.7

CQS Q values:

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
96.9	97.9	95.0	97.5	94.4	92.3	95.1	97.6	96.8	98.2	96.2	95.1	95.5	96.0	96.3

CQS: 95.6



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
3038 K	94.8	87.5	95.5	103.8	95.6	0.432	0.397	0.250	0.345	-0.0020

TM-30 Details

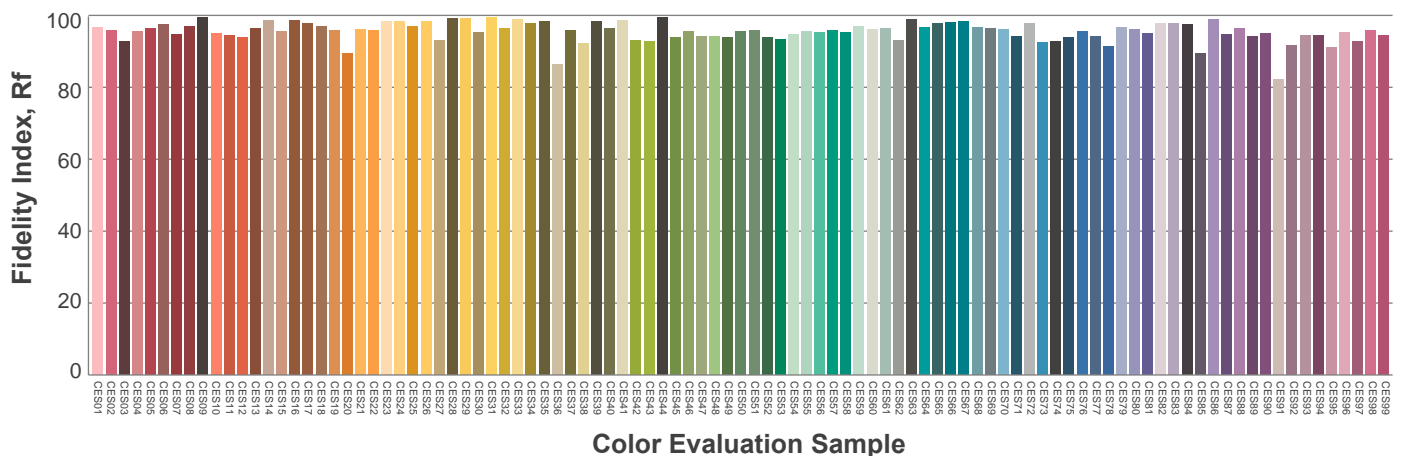
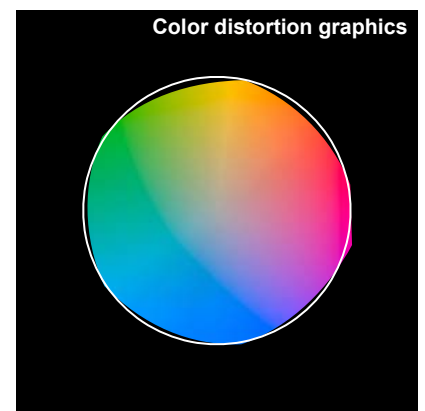
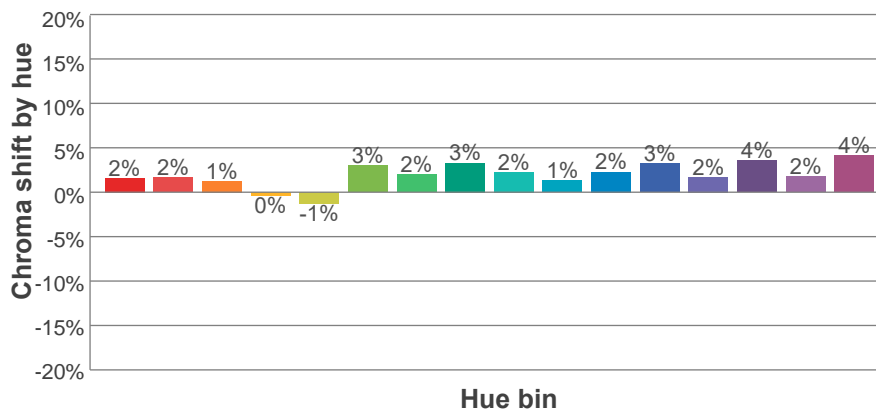
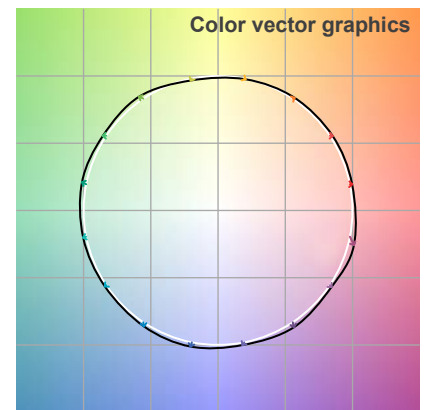
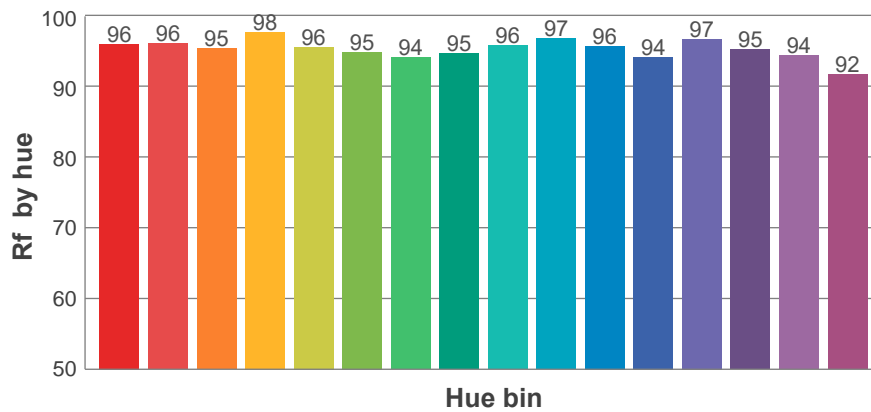
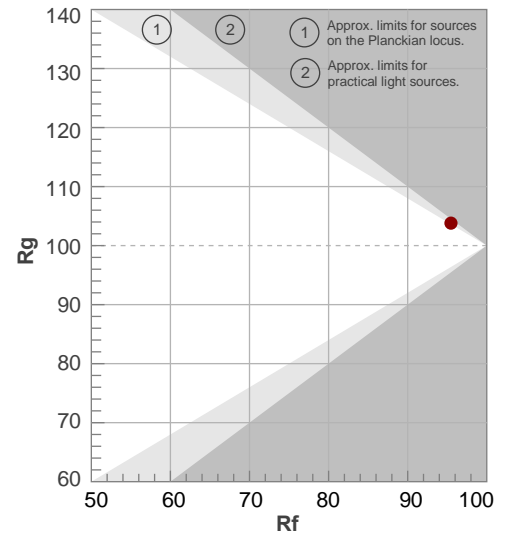
Rf 95.5

Fidelity index Rf

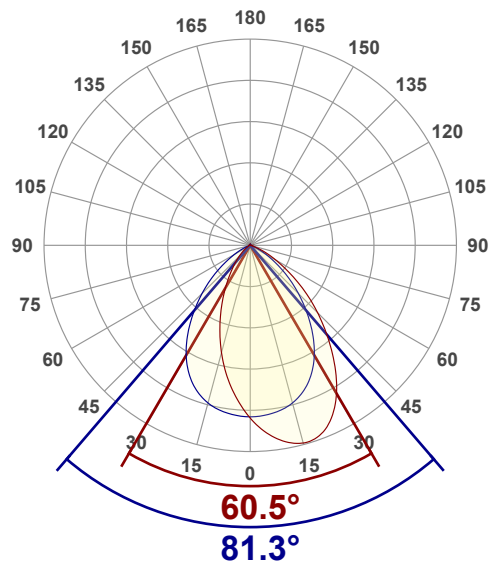
Rg 103.8

Gamut index Rg

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



Angular Distribution Through 0° and 90° Planes



Beam Angle: 81.3°W x 60.5°L

Beam Details

