

Photometric / Colorimetric / Electric Report

Fixture Model:

400-WD-2-40-DIM1-4-350-FLS-4-WH-WW-4-20d

Trim Model:

FLS-4-WH-WW-4

Date:

4/11/2022



Light efficiency:

37 Lumen/Watt

Light quality:

CRI: 97.0

Color temperature:

2875 K

CIE 1931:

x: 0.443
y: 0.401

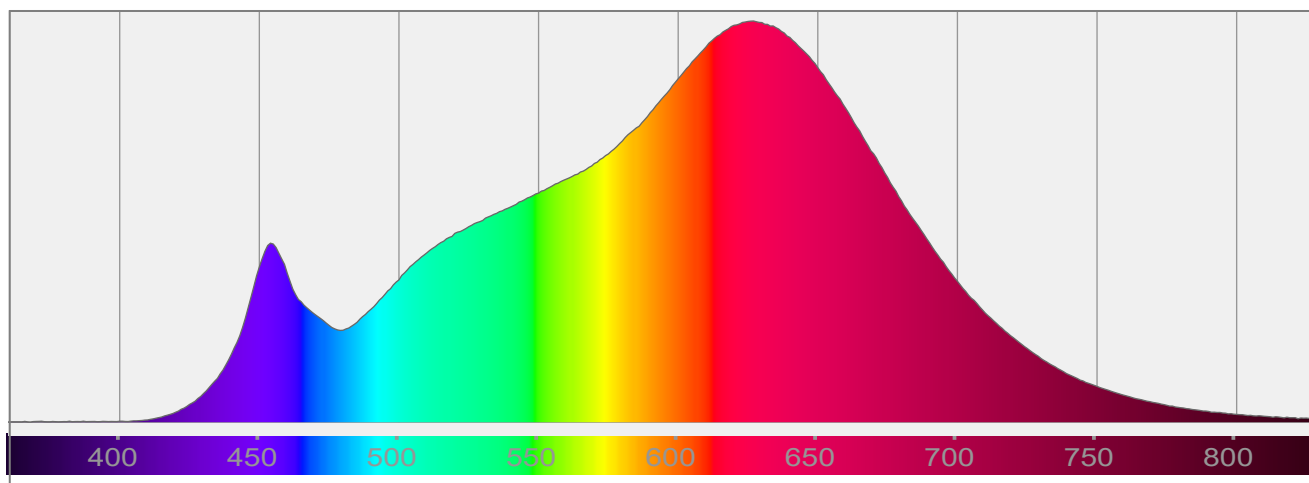
Output: 543 lm

Peak: 391 cd

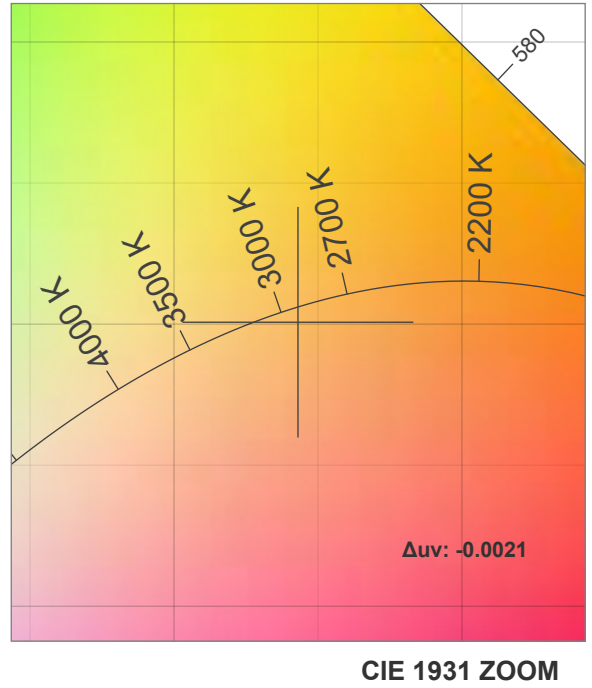
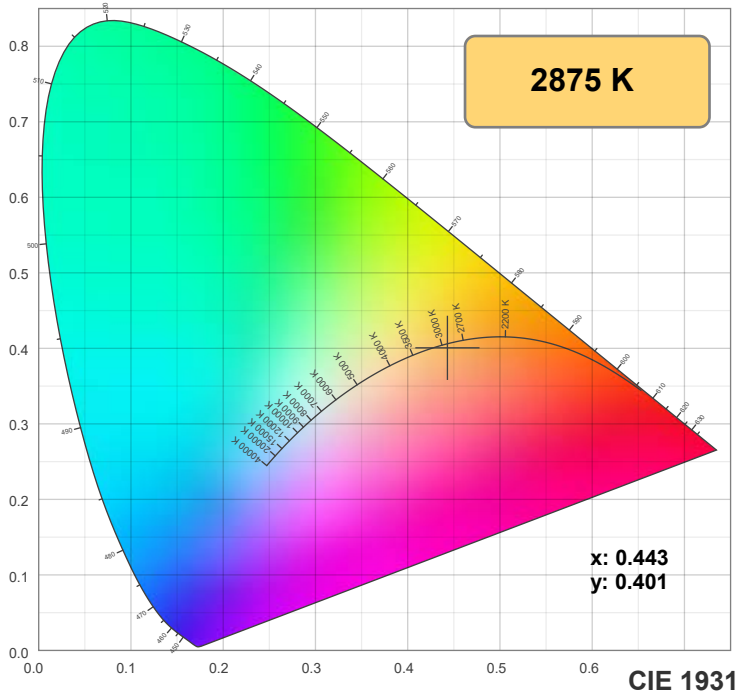
Power: 14.6 W

PF: 0.99

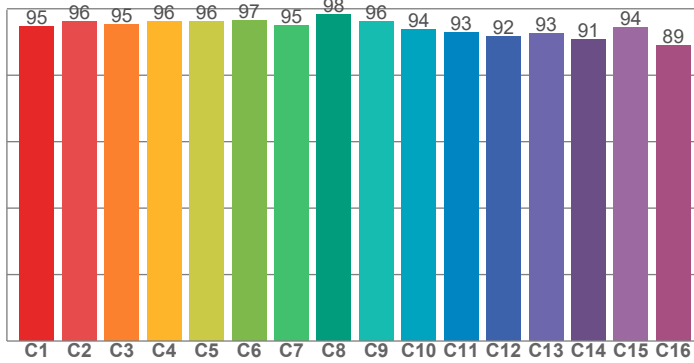
Spectra:



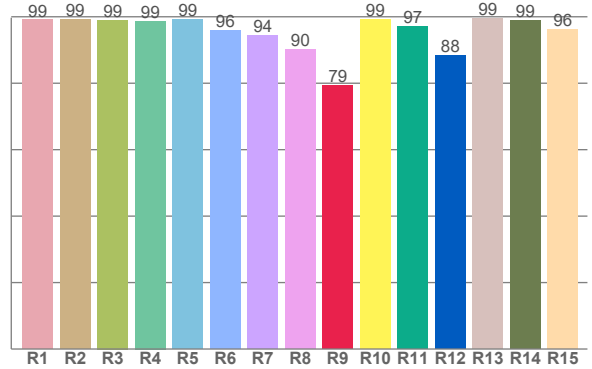
Color Details



TM-30: 94.4



CRI: 97.0 (R1-R8)



CRI R Values:

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
99.0	99.1	99.0	98.7	99.2	96.0	94.3	90.2	79.3	99.2	97.0	88.4	99.5	98.8	96.1

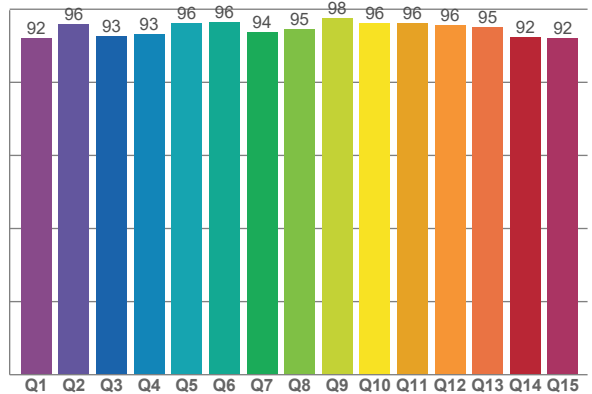
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94.7	96.2	95.2	96.1	96.1	96.6	94.9	98.2	96.2	93.7	92.8	91.7	92.5	90.7	94.3	89.0

CQS Q values:

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
92.0	95.8	92.5	93.2	96.1	96.5	93.6	94.6	97.5	96.2	96.1	95.6	95.1	92.4	92.2

CQS: 94.2



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
2875 K	97.0	79.3	94.4	100.7	94.2	0.443	0.401	0.256	0.347	-0.0021

TM-30 Details

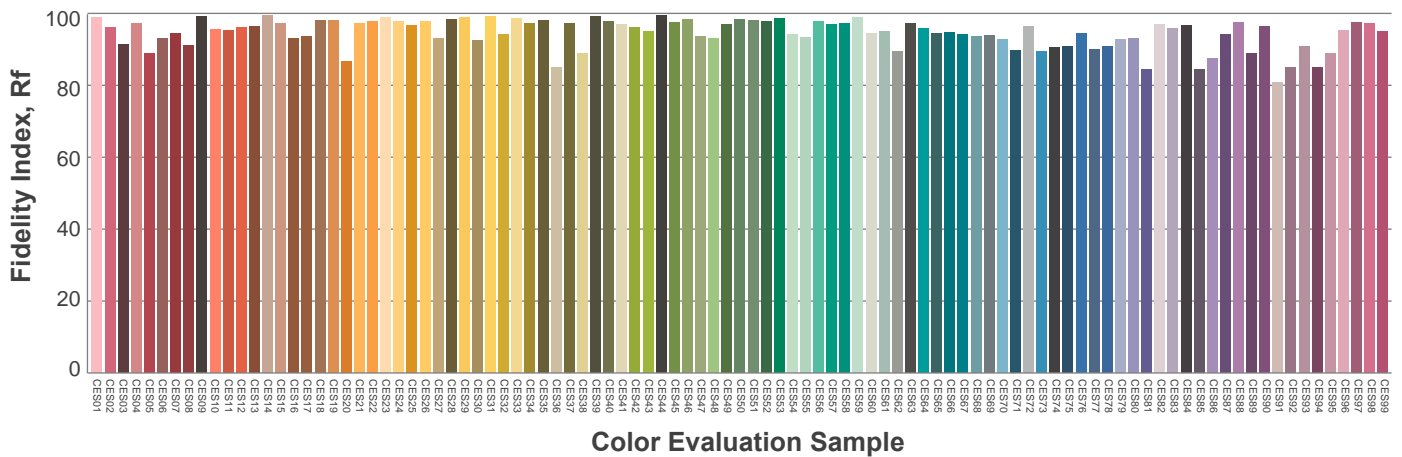
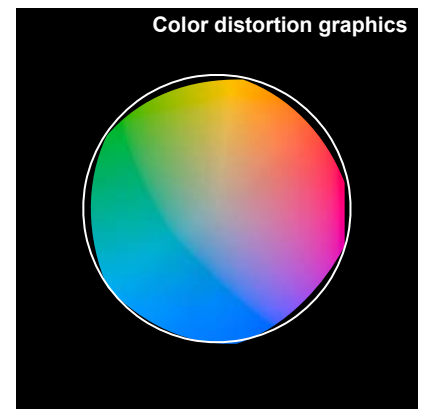
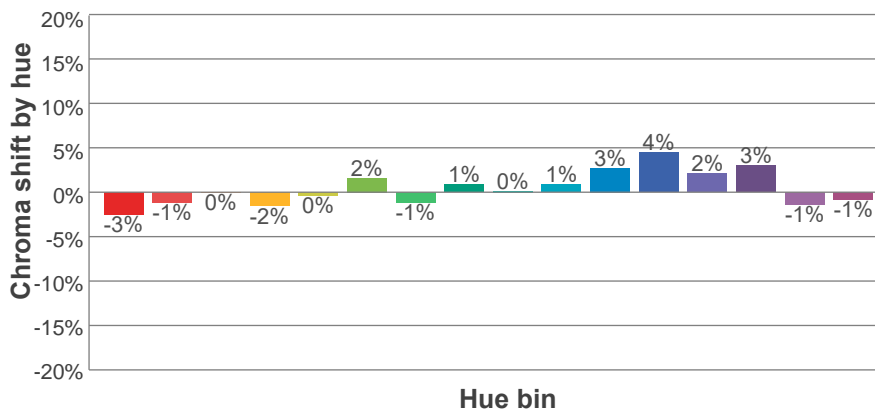
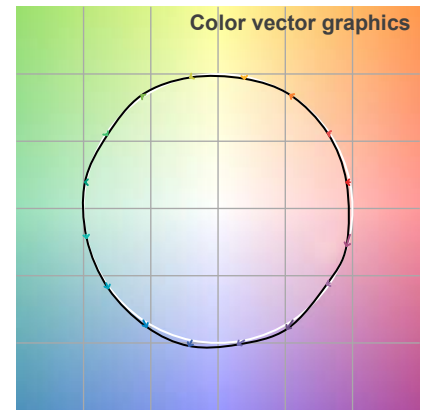
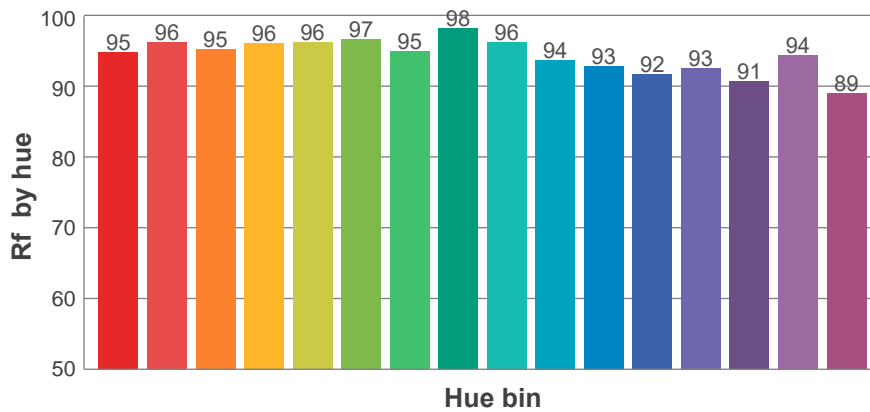
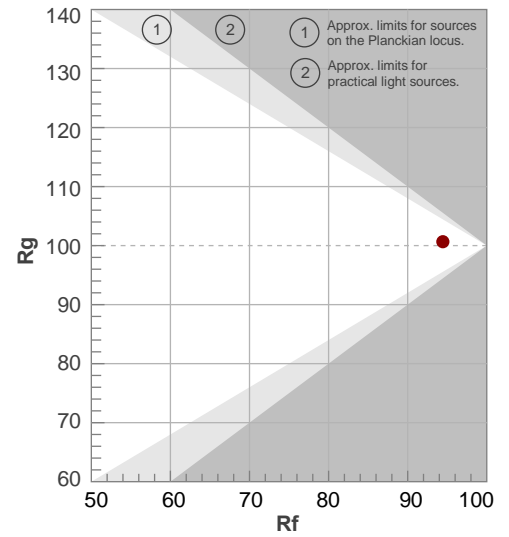
Rf 94.4

Fidelity index Rf

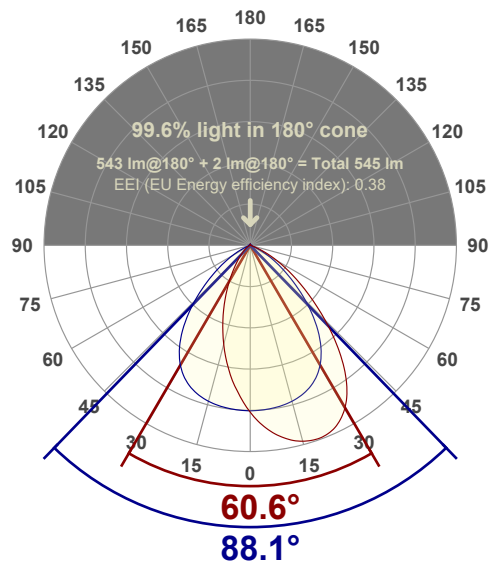
Rg 100.7

Gamut index Rg

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



Angular Distribution Through 0° and 90° Planes



Beam Angle: 88.1°W x 60.6°L

Beam Details

