

Photometric / Colorimetric / Electric Report

Fixture Model:

400-WD-4-40-PR1-4-350-FLS-4-WH

Trim Model:

FLS-4-WH

Date:

8/7/2024



Light efficiency:

59 Lumen/Watt

Light quality:

CRI: 96.6

Color temperature:

3014 K

CIE 1931:

**x: 0.435
y: 0.401**

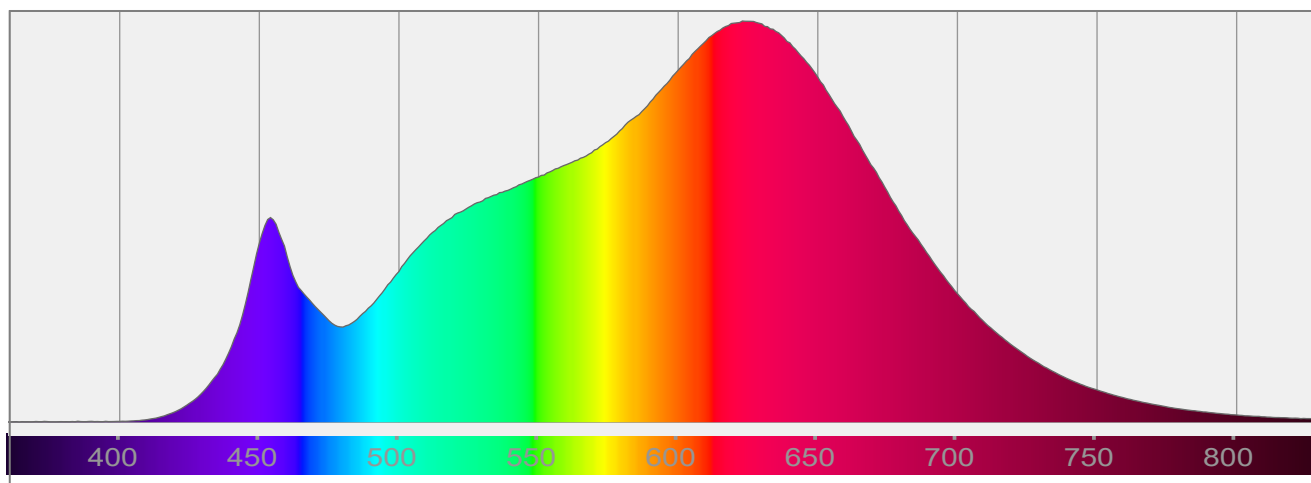
Output: 864 lm

Peak: 2166 cd

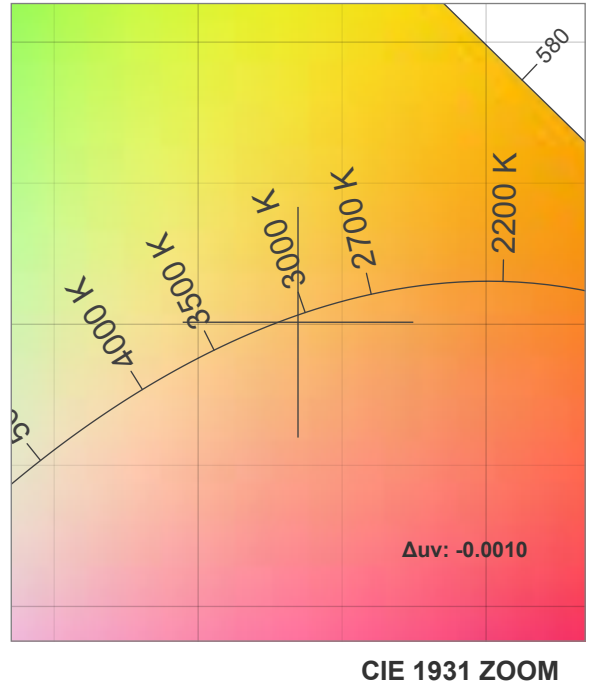
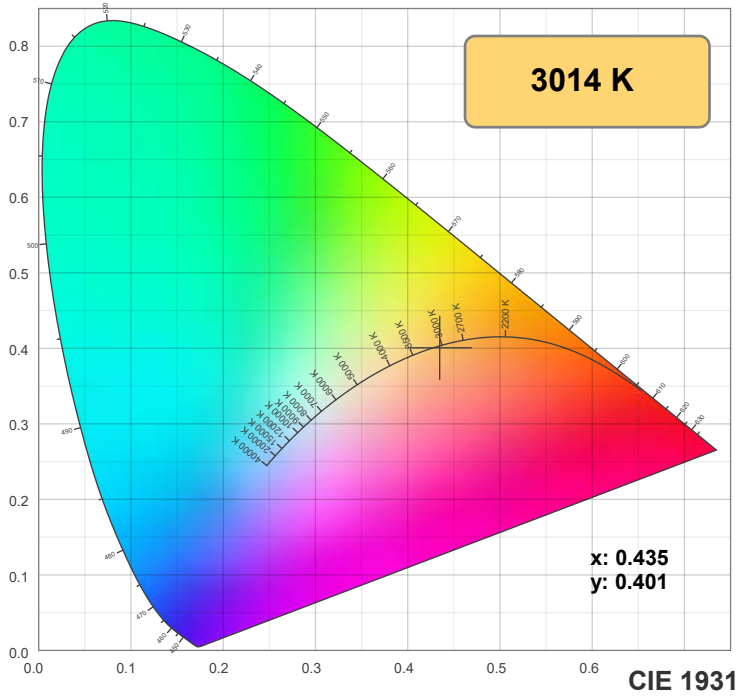
Power: 14.7 W

PF: 0.99

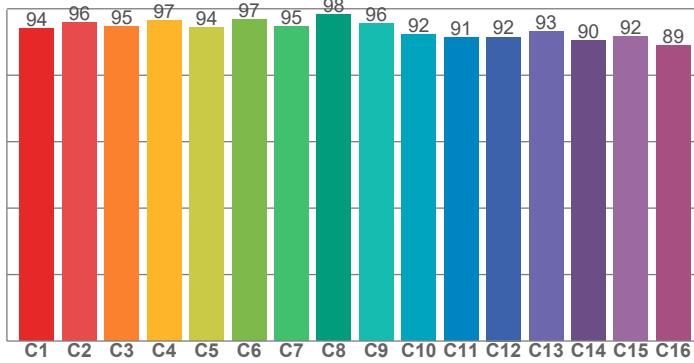
Spectra:



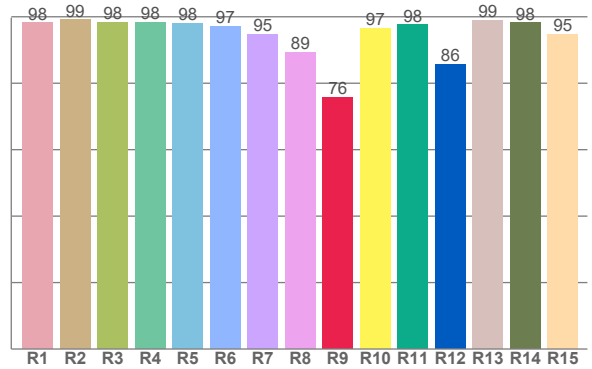
Color Details



TM-30: 93.9



CRI: 96.6 (R1-R8)



CRI R Values:

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.1	99.0	98.3	98.2	97.9	97.1	94.7	89.4	75.8	96.5	97.5	85.6	98.8	98.1	94.7

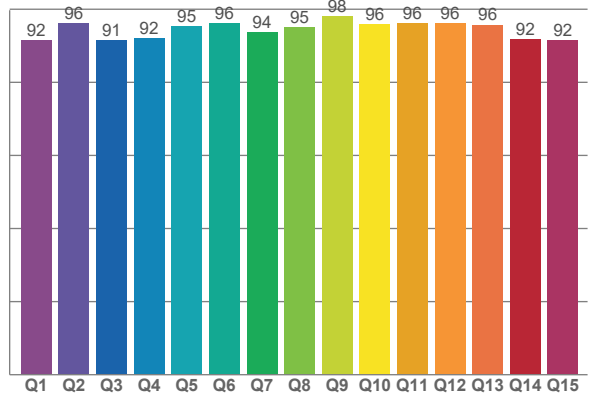
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94.1	95.8	94.7	96.5	94.4	96.7	94.6	98.4	95.6	92.3	91.3	91.5	93.0	90.4	91.6	88.8

CQS Q values:

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
91.6	96.2	91.4	92.1	95.3	96.2	93.8	95.1	98.2	95.9	96.2	96.1	95.7	91.8	91.6

CQS: 93.9



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
3014 K	96.6	75.8	93.9	100.3	93.9	0.435	0.401	0.251	0.346	-0.0010

TM-30 Details

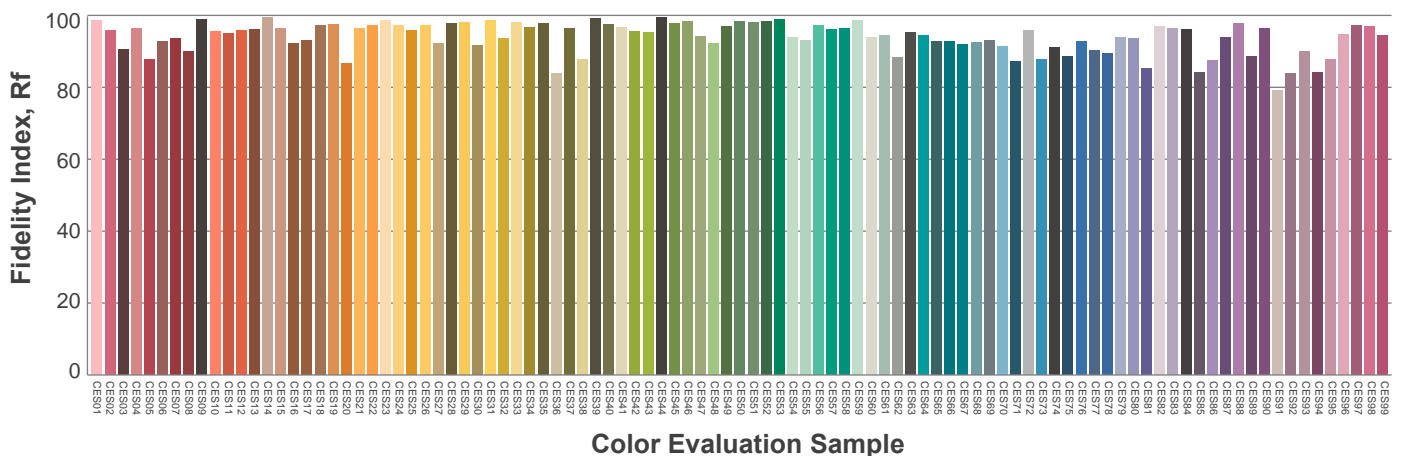
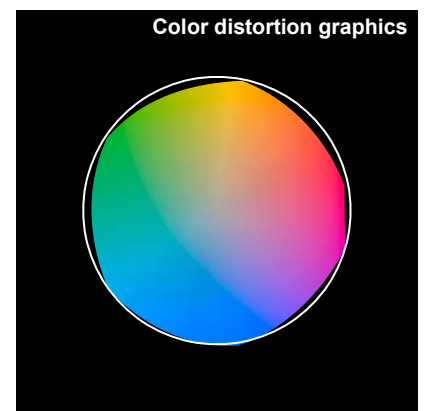
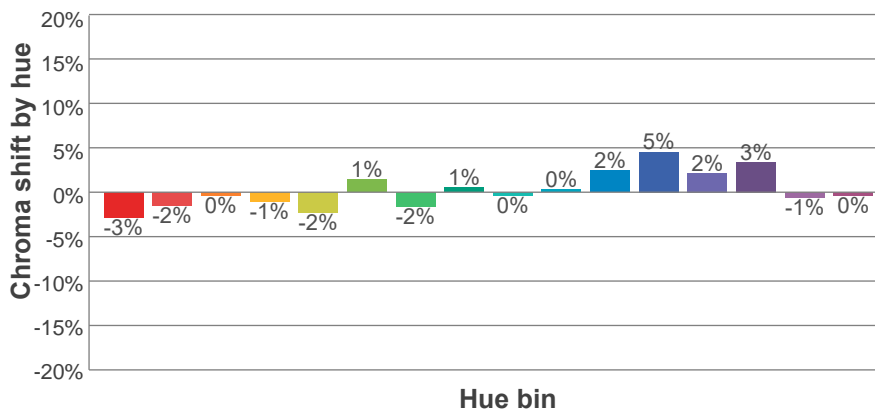
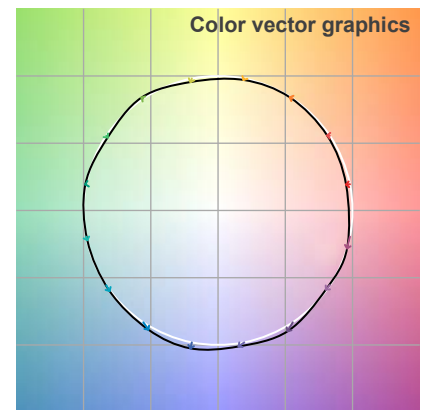
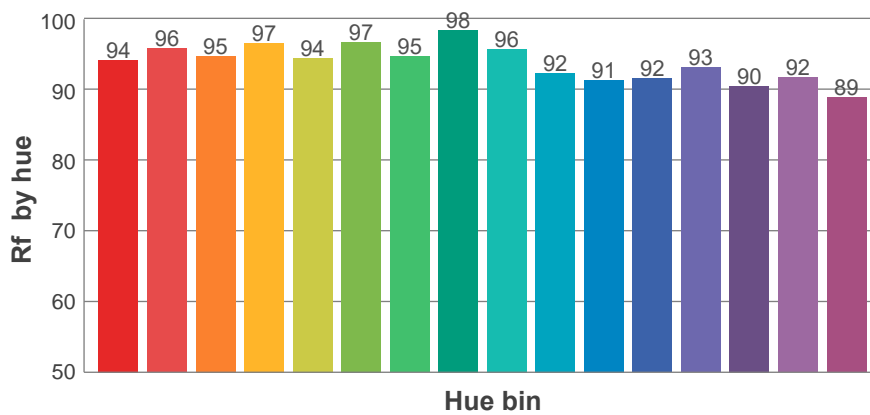
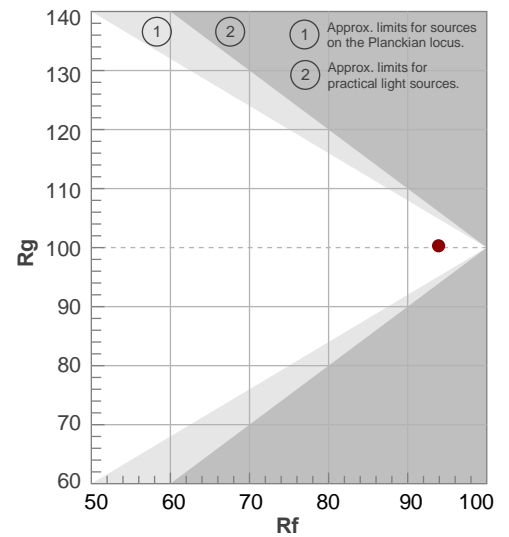
Rf 93.9

Fidelity index Rf

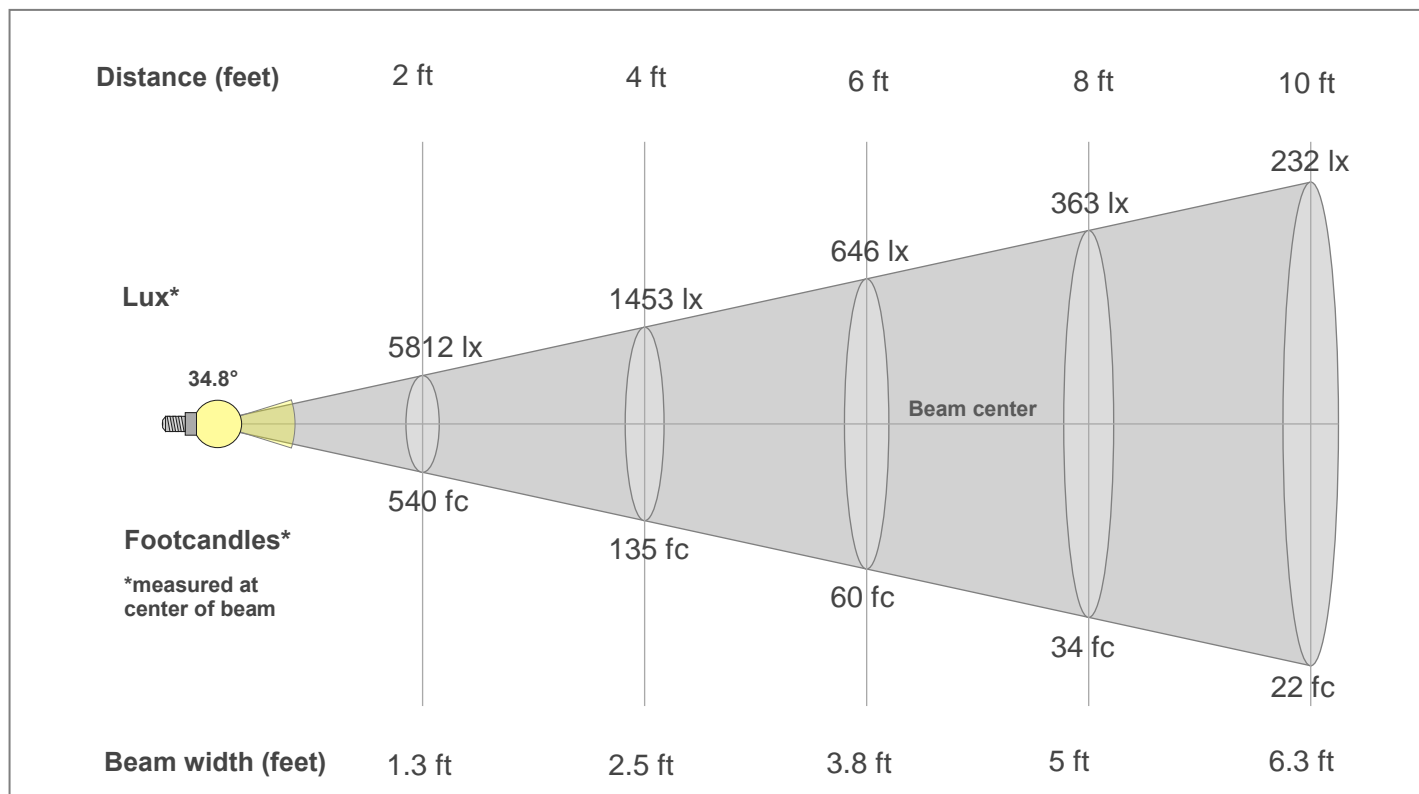
Rg 100.3

Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	94	-3%	0%
2	96	-2%	1%
3	95	0%	2%
4	97	-1%	0%
5	94	-2%	1%
6	97	1%	1%
7	95	-2%	0%
8	98	1%	0%
9	96	0%	3%
10	92	0%	5%
11	91	2%	6%
12	92	5%	0%
13	93	2%	-5%
14	90	3%	-7%
15	92	-1%	-4%
16	89	0%	-9%



Beam Details



Beam Intensities from 1-20m

1m	2m	3m	4m	5m	6m	7m	8m	9m	10m	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
2160lx	540lx	240lx	135lx	86lx	60lx	44lx	34lx	27lx	22lx	18lx	15lx	13lx	11lx	10lx	8lx	7lx	7lx	6lx	5lx
200.6fc	50.2fc	22.3fc	12.5fc	8fc	5.6fc	4.1fc	3.1fc	2.5fc	2fc	1.7fc	1.4fc	1.2fc	1fc	0.9fc	0.8fc	0.7fc	0.6fc	0.6fc	0.5fc

Intensities in 0° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
2160	2137	2083	1989	1868	1723	1561	1385	1202	1020	848	686	544	423	323	243	180	134	101	75
100%	99%	96%	92%	86%	80%	72%	64%	56%	47%	39%	32%	25%	20%	15%	11%	8%	6%	5%	3%

Intensities in 90° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
2160	2147	2088	2000	1877	1733	1571	1394	1212	1030	860	697	551	429	327	242	178	131	97	72
100%	99%	97%	93%	87%	80%	73%	65%	56%	48%	40%	32%	26%	20%	15%	11%	8%	6%	4%	3%

Intensities in 180° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
2160	2137	2083	1989	1868	1723	1561	1385	1202	1020	848	686	544	423	323	243	180	134	101	75
100%	99%	96%	92%	86%	80%	72%	64%	56%	47%	39%	32%	25%	20%	15%	11%	8%	6%	5%	3%

Intensities in 270° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
2160	2147	2088	2000	1877	1733	1571	1394	1212	1030	860	697	551	429	327	242	178	131	97	72
100%	99%	97%	93%	87%	80%	73%	65%	56%	48%	40%	32%	26%	20%	15%	11%	8%	6%	4%	3%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
34.8°	61.6°	80°	99.6%	98.8%