

Photometric / Colorimetric / Electric Report

Fixture Model:

400-WD-40-DIM1-4-350-FLR-4-WH

Trim Model:

FLR-4-WH

Date:

3/25/2022



Light efficiency:

57 Lumen/Watt

Light quality:

CRI: 96.8

Color temperature:

3096 K

CIE 1931:

**x: 0.429
y: 0.399**

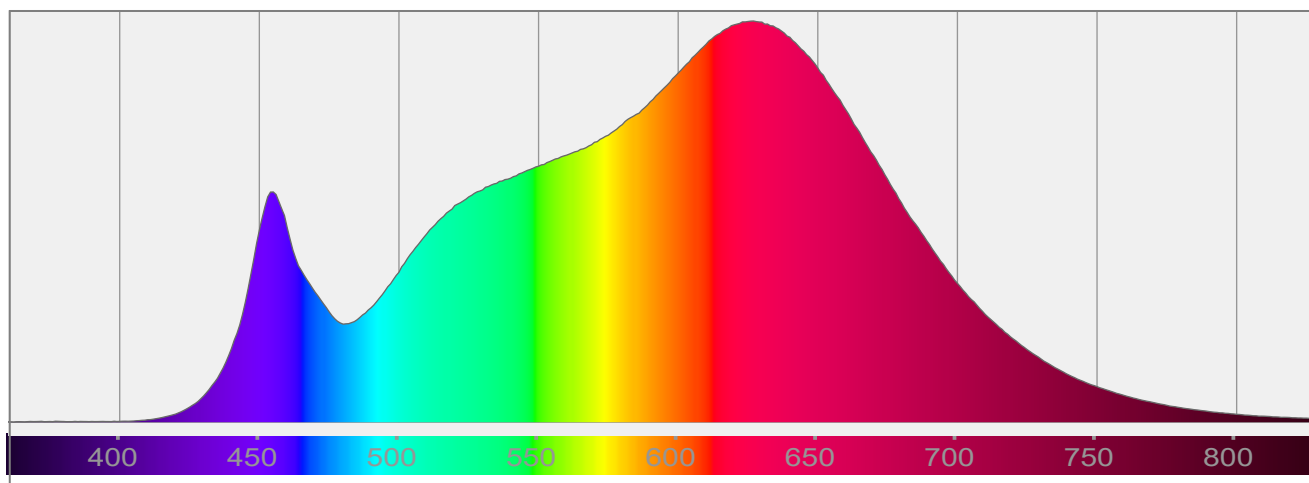
Output: 830 lm

Peak: 1908 cd

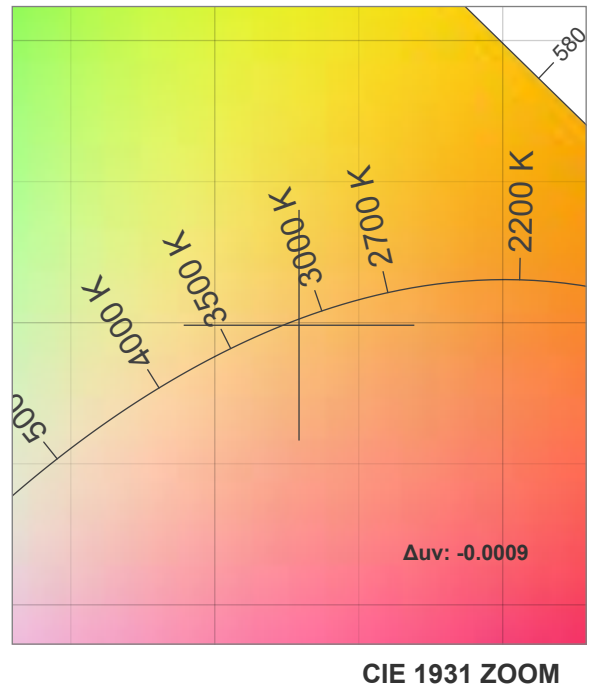
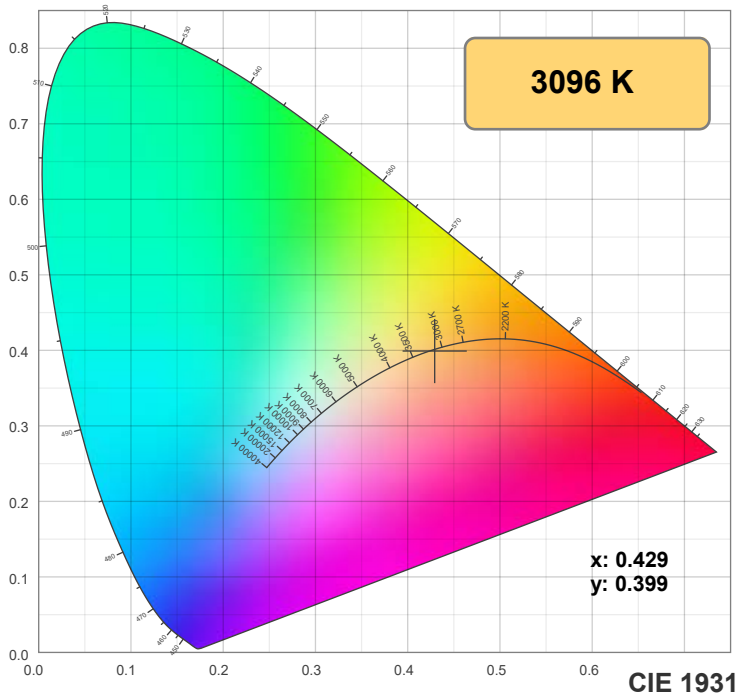
Power: 14.6 W

PF: 0.99

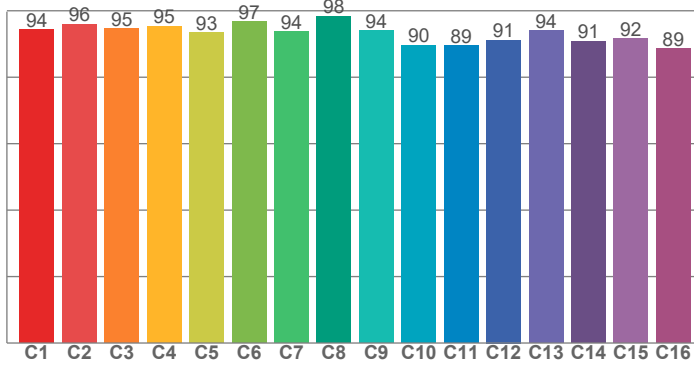
Spectra:



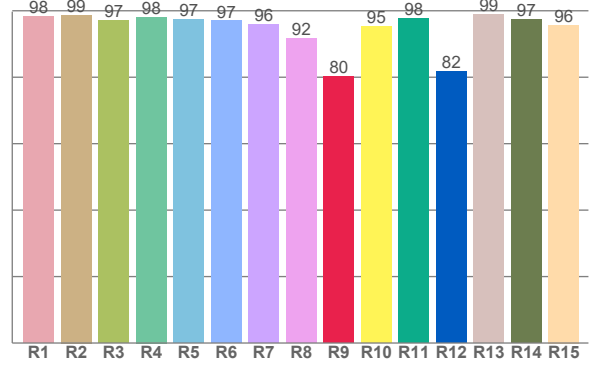
Color Details



TM-30: 93.4



CRI: 96.8 (R1-R8)



CRI R Values:

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.3	98.7	97.1	98.1	97.5	96.9	95.9	91.6	80.2	95.3	97.6	81.8	98.9	97.4	95.7

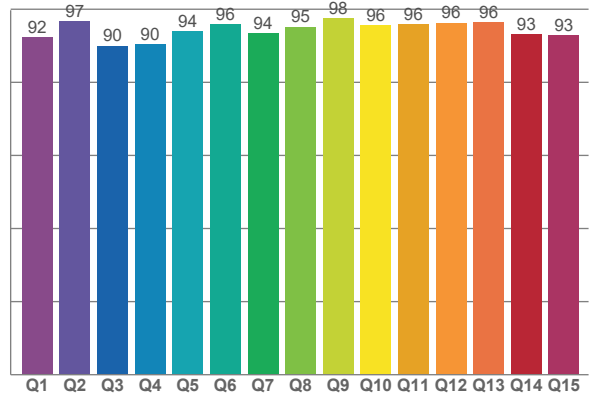
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94.4	96.0	94.6	95.4	93.4	96.7	93.7	98.4	94.1	89.7	89.5	91.2	94.0	90.9	91.7	88.5

CQS Q values:

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
92.4	96.7	90.0	90.4	94.1	96.0	93.5	95.2	97.6	95.6	96.0	96.3	96.4	93.1	92.9

CQS: 93.8



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
3096 K	96.8	80.2	93.4	100.4	93.8	0.429	0.399	0.248	0.346	-0.0009

TM-30 Details

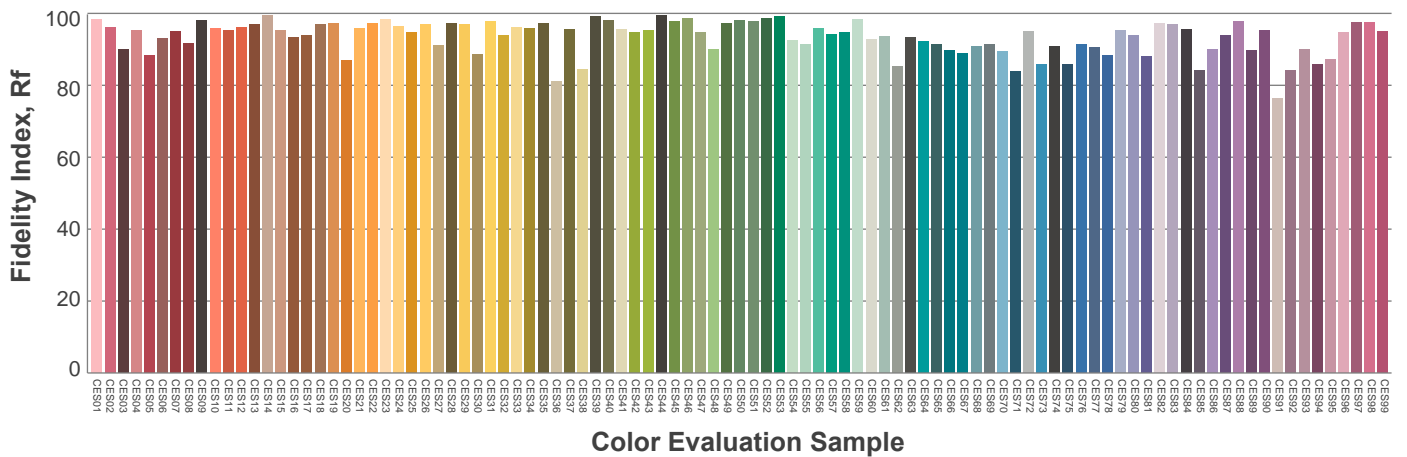
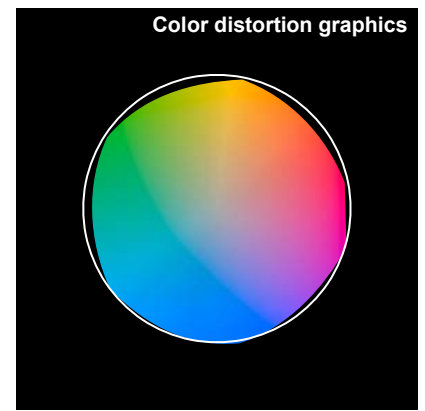
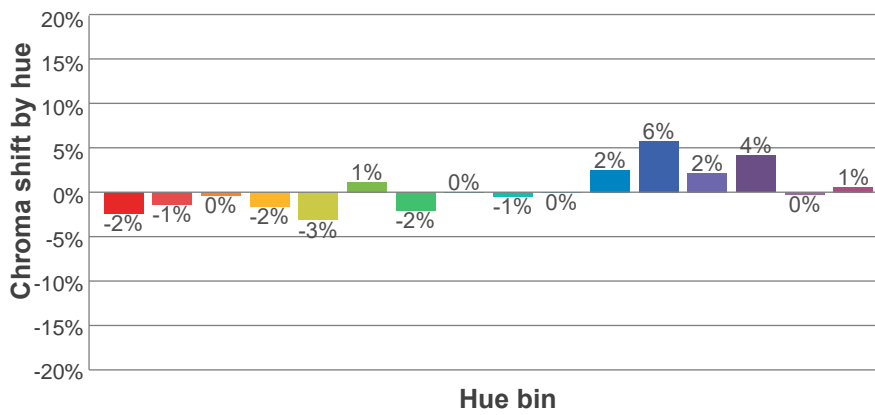
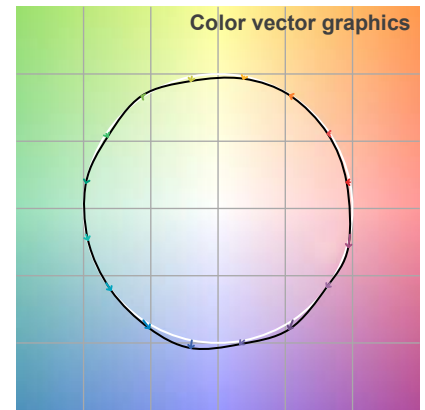
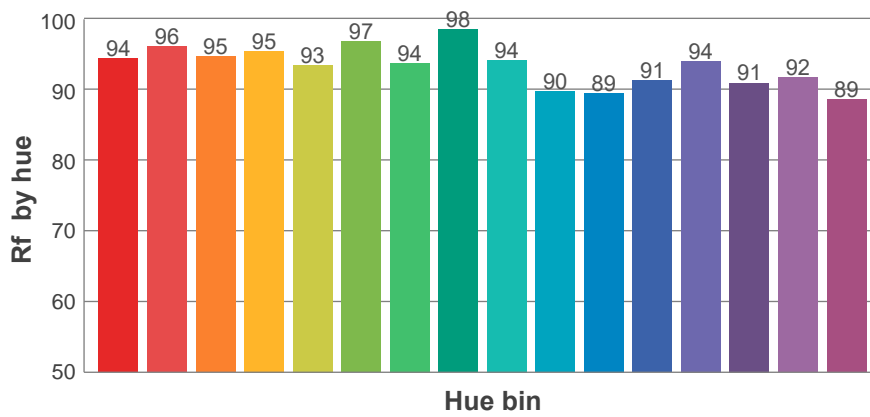
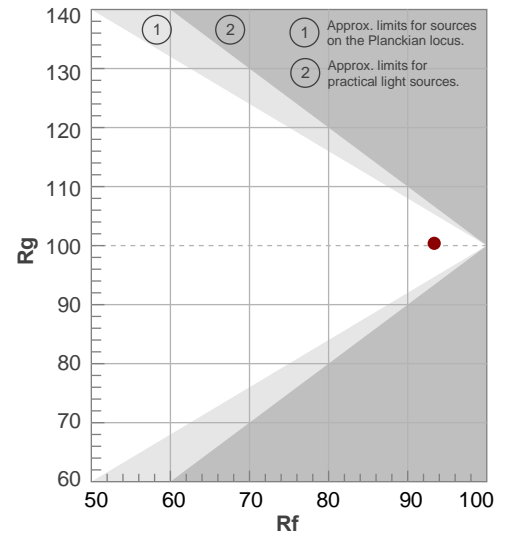
Rf 93.4

Fidelity index Rf

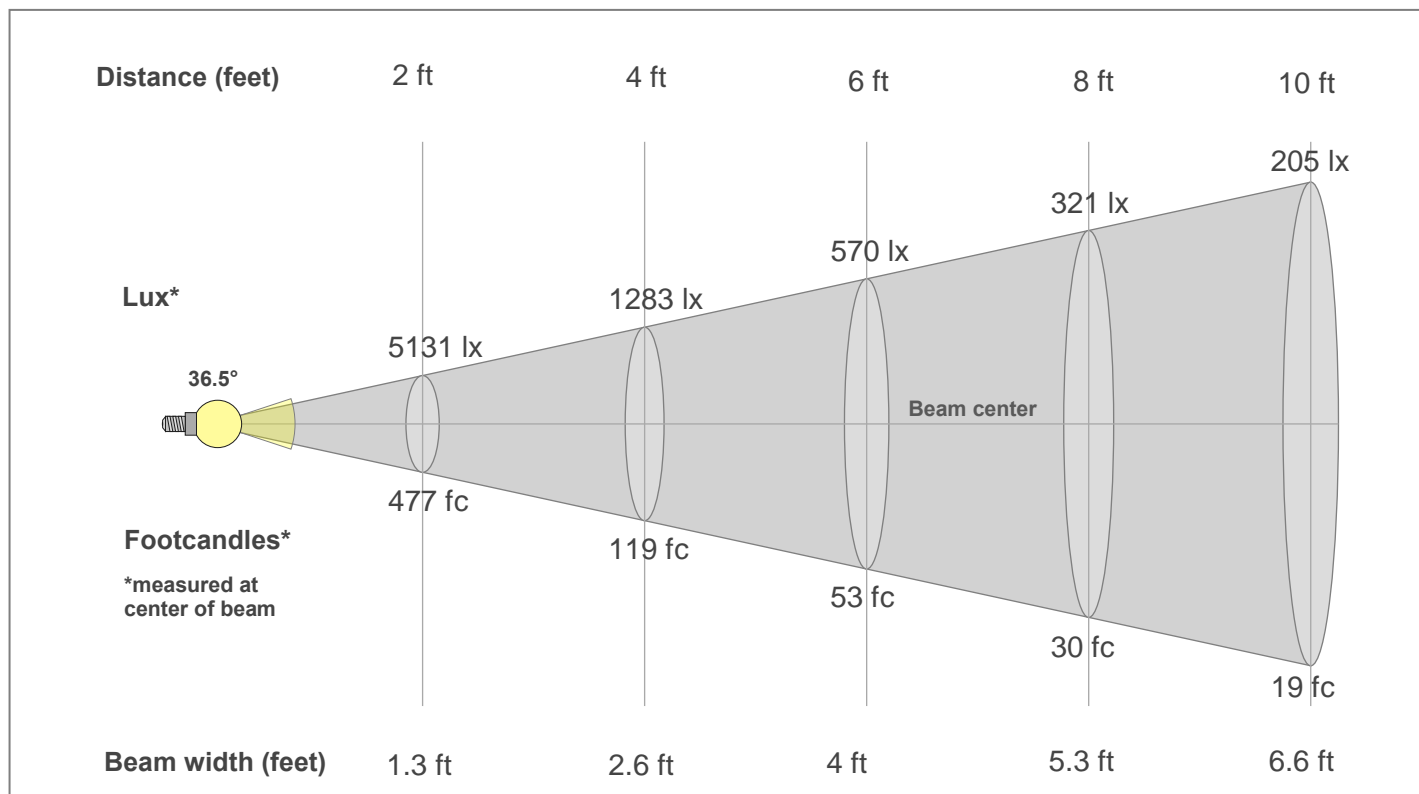
Rg 100.4

Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	94	-2%	0%
2	96	-1%	1%
3	95	0%	2%
4	95	-2%	0%
5	93	-3%	1%
6	97	1%	1%
7	94	-2%	1%
8	98	0%	0%
9	94	-1%	4%
10	90	0%	6%
11	89	2%	7%
12	91	6%	0%
13	94	2%	-4%
14	91	4%	-6%
15	92	0%	-4%
16	89	1%	-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
1907lx	477lx	212lx	119lx	76lx	53lx	39lx	30lx	24lx	19lx	16lx	13lx	11lx	10lx	8lx	7lx	7lx	6lx	5lx	5lx
177.1fc	44.3fc	19.7fc	11.1fc	7.1fc	4.9fc	3.6fc	2.8fc	2.2fc	1.8fc	1.5fc	1.2fc	1fc	0.9fc	0.8fc	0.7fc	0.6fc	0.5fc	0.5fc	0.4fc

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°
1907	1894	1847	1775	1675	1556	1423	1277	1125	972	825	682	549	431	333	252	190	142	107	82
100%	99%	97%	93%	88%	82%	75%	67%	59%	51%	43%	36%	29%	23%	17%	13%	10%	7%	6%	4%

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°
1907	1890	1845	1774	1676	1555	1422	1276	1125	973	825	682	548	429	332	250	187	139	104	80
100%	99%	97%	93%	88%	82%	75%	67%	59%	51%	43%	36%	29%	23%	17%	13%	10%	7%	5%	4%

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°
1907	1894	1847	1775	1675	1556	1423	1277	1125	972	825	682	549	431	333	252	190	142	107	82
100%	99%	97%	93%	88%	82%	75%	67%	59%	51%	43%	36%	29%	23%	17%	13%	10%	7%	6%	4%

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°
1907	1890	1845	1774	1676	1555	1422	1276	1125	973	825	682	548	429	332	250	187	139	104	80
100%	99%	97%	93%	88%	82%	75%	67%	59%	51%	43%	36%	29%	23%	17%	13%	10%	7%	5%	4%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
36.5°	63.8°	83.5°	99.5%	98.3%