

Photometric / Colorimetric / Electric Report

Fixture Model:

400-WD-25-DIM1-4-350-FLR-4-WH

Trim Model:

FLR-4-WH

Date:

3/25/2022



Light efficiency:

49 Lumen/Watt

Light quality:

CRI: 96.9

Color temperature:

3109 K

CIE 1931:

**x: 0.428
y: 0.397**

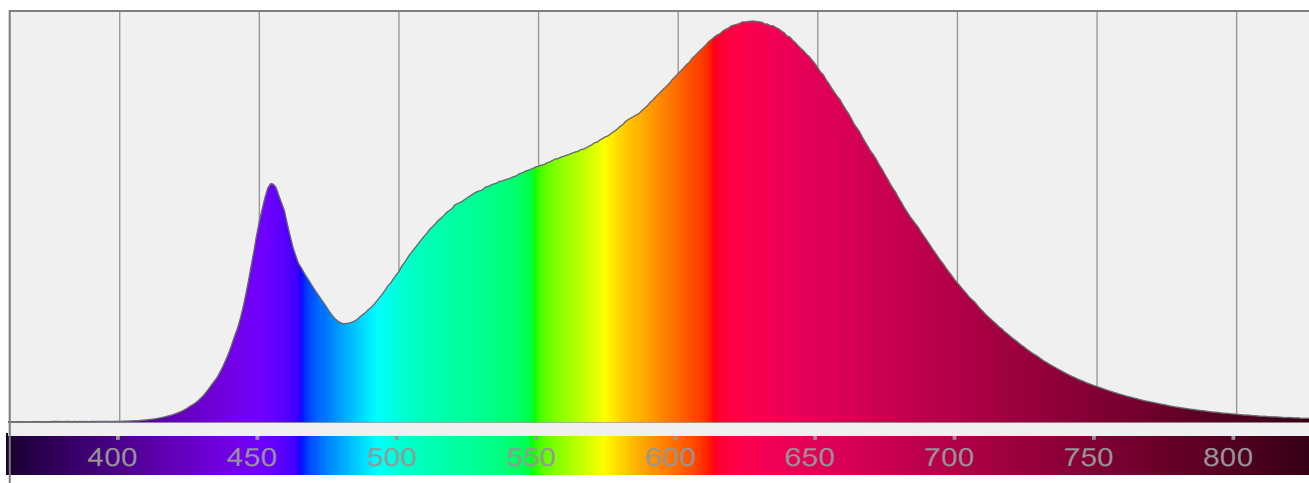
Output: 708 lm

Peak: 2500 cd

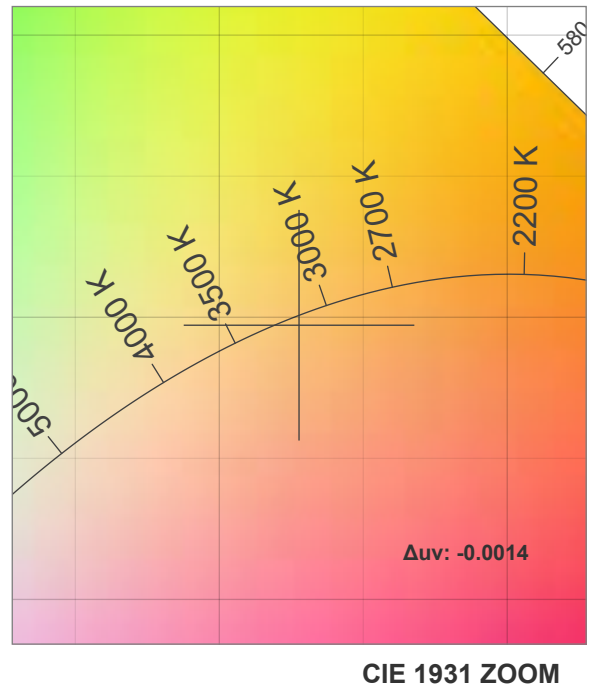
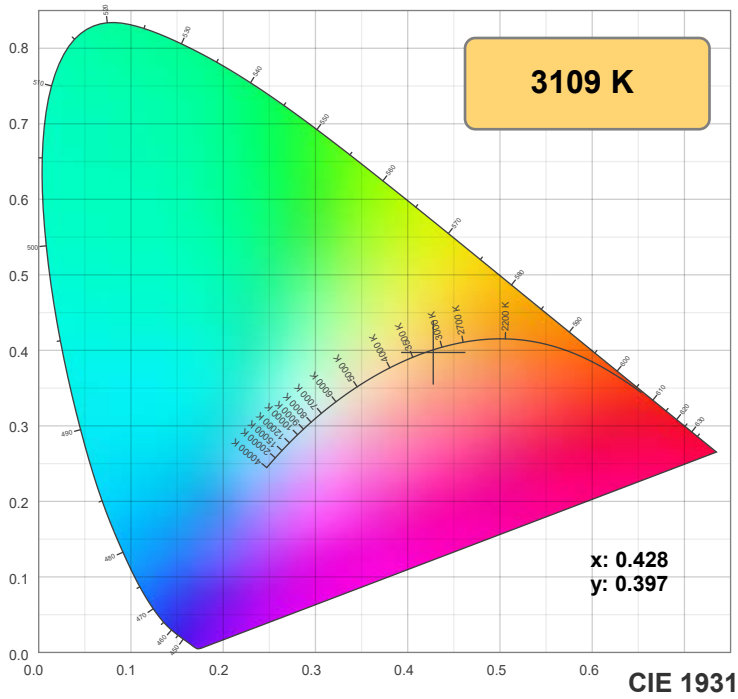
Power: 14.6 W

PF: 0.99

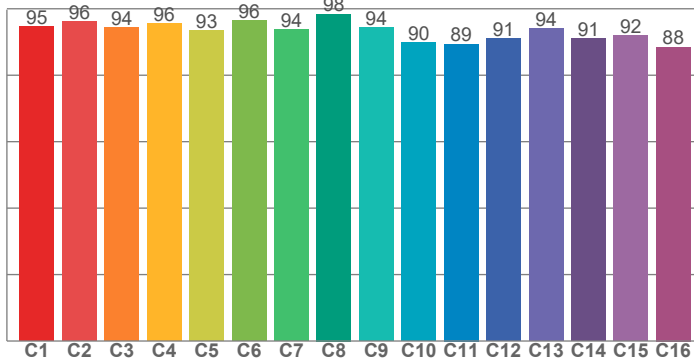
Spectra:



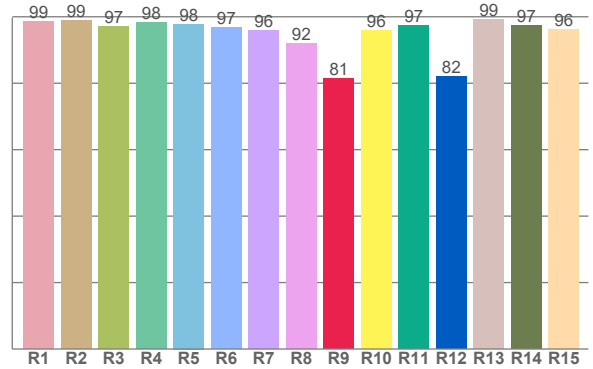
Color Details



TM-30: 93.4



CRI: 96.9 (R1-R8)



CRI R Values:

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.6	98.9	97.1	98.2	97.8	96.8	95.9	92.0	81.4	95.7	97.3	82.0	99.2	97.4	96.2

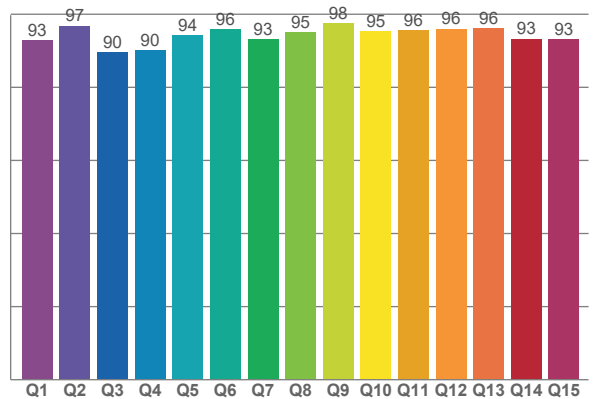
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94.6	96.0	94.4	95.5	93.4	96.5	93.7	98.4	94.4	89.9	89.4	91.1	94.0	90.9	91.8	88.5

CQS Q values:

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
92.8	96.8	89.7	90.3	94.2	96.0	93.1	95.0	97.5	95.4	95.7	96.0	96.2	93.3	93.1

CQS: 93.8



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
3109 K	96.9	81.4	93.4	100.7	93.8	0.428	0.397	0.248	0.345	-0.0014

TM-30 Details

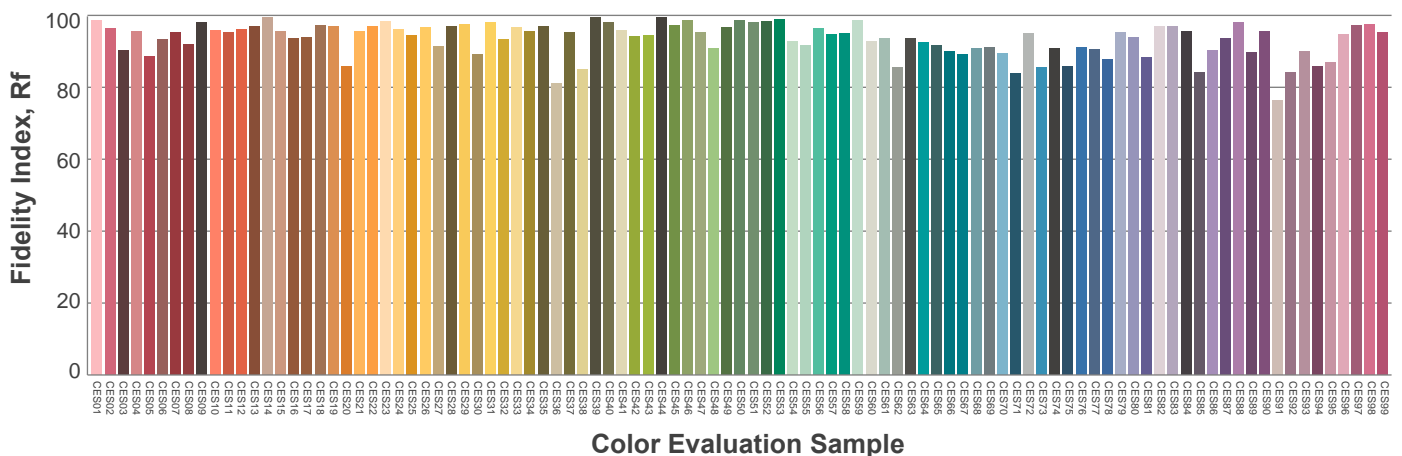
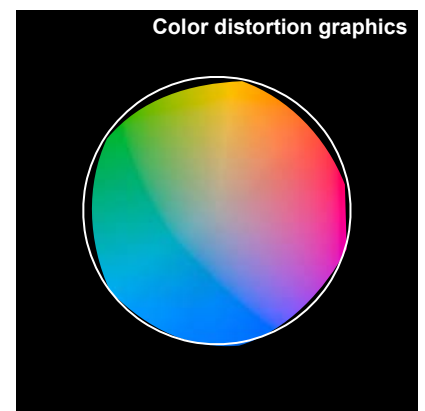
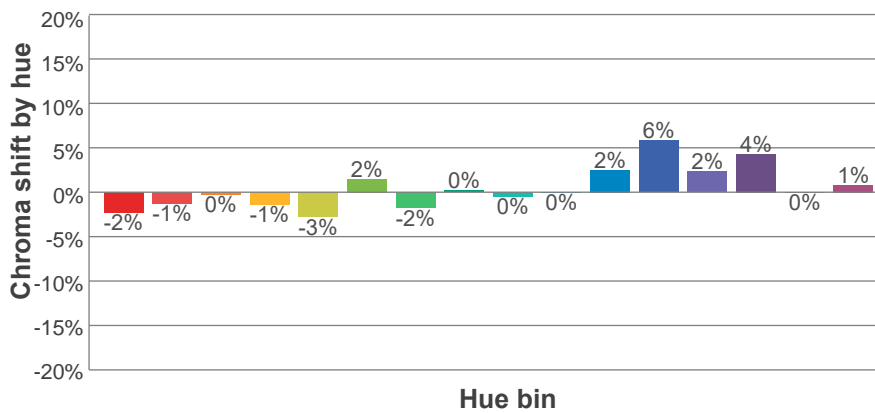
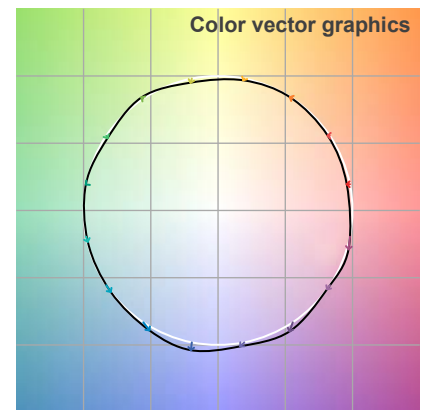
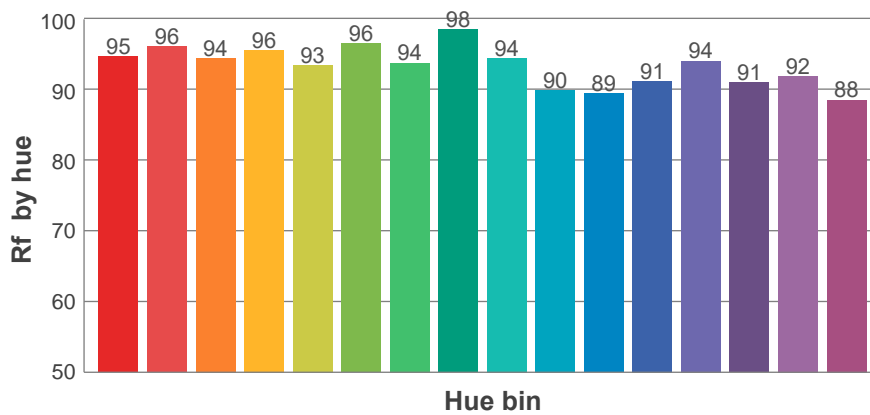
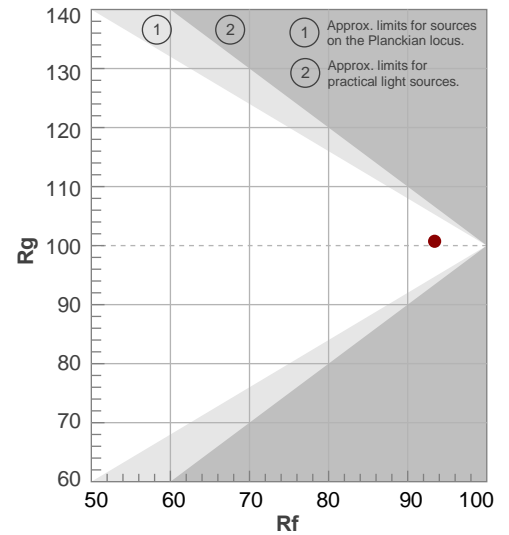
Rf 93.4

Fidelity index Rf

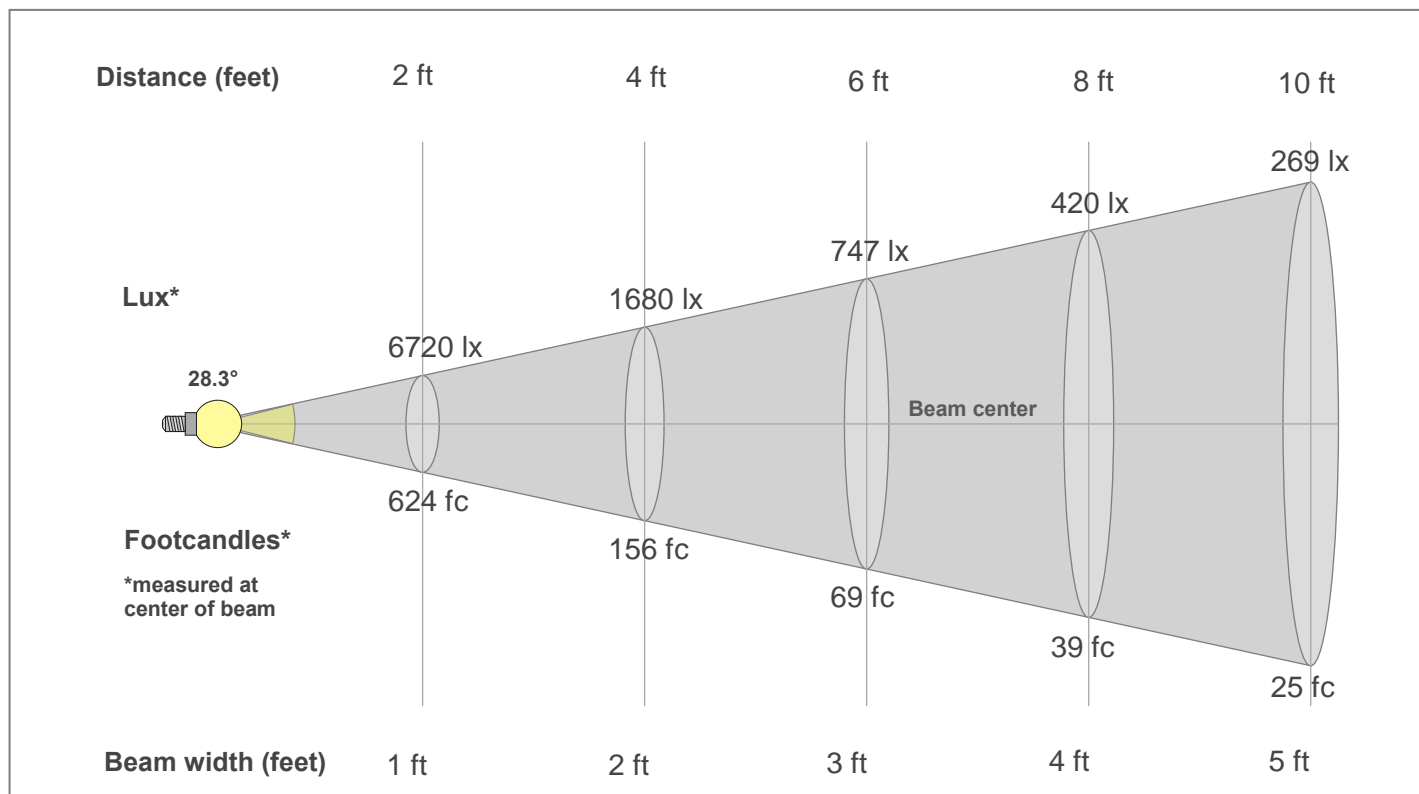
Rg 100.7

Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	95	-2%	0%
2	96	-1%	1%
3	94	0%	2%
4	96	-1%	0%
5	93	-3%	1%
6	96	2%	1%
7	94	-2%	1%
8	98	0%	0%
9	94	0%	4%
10	90	0%	6%
11	89	2%	7%
12	91	6%	0%
13	94	2%	-3%
14	91	4%	-6%
15	92	0%	-4%
16	88	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
2497lx	624lx	277lx	156lx	100lx	69lx	51lx	39lx	31lx	25lx	21lx	17lx	15lx	13lx	11lx	10lx	9lx	8lx	7lx	6lx
232fc	58fc	25.8fc	14.5fc	9.3fc	6.4fc	4.7fc	3.6fc	2.9fc	2.3fc	1.9fc	1.6fc	1.4fc	1.2fc	1fc	0.9fc	0.8fc	0.7fc	0.6fc	0.6fc

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°
2497	2465	2356	2191	1988	1755	1512	1256	1016	800	621	471	364	278	207	144	93	56	32	18
100%	99%	94%	88%	80%	70%	61%	50%	41%	32%	25%	19%	15%	11%	8%	6%	4%	2%	1%	1%

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°
2497	2463	2359	2196	2000	1772	1534	1280	1040	823	641	491	381	292	217	151	97	58	32	18
100%	99%	94%	88%	80%	71%	61%	51%	42%	33%	26%	20%	15%	12%	9%	6%	4%	2%	1%	1%

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°
2497	2465	2356	2191	1988	1755	1512	1256	1016	800	621	471	364	278	207	144	93	56	32	18
100%	99%	94%	88%	80%	70%	61%	50%	41%	32%	25%	19%	15%	11%	8%	6%	4%	2%	1%	1%

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°
2497	2463	2359	2196	2000	1772	1534	1280	1040	823	641	491	381	292	217	151	97	58	32	18
100%	99%	94%	88%	80%	71%	61%	51%	42%	33%	26%	20%	15%	12%	9%	6%	4%	2%	1%	1%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
28.3°	53.9°	67.3°	99.5%	99.2%