

Photometric / Colorimetric / Electric Report

Fixture Model:

400-WD-2-15-DIM1-4-350-FLR-4-WH

Trim Model:

FLR-4-WH

Date:

3/31/2022



Light efficiency:

57 Lumen/Watt

Light quality:

CRI: 96.9

Color temperature:

2886 K

CIE 1931:

**x: 0.443
y: 0.402**

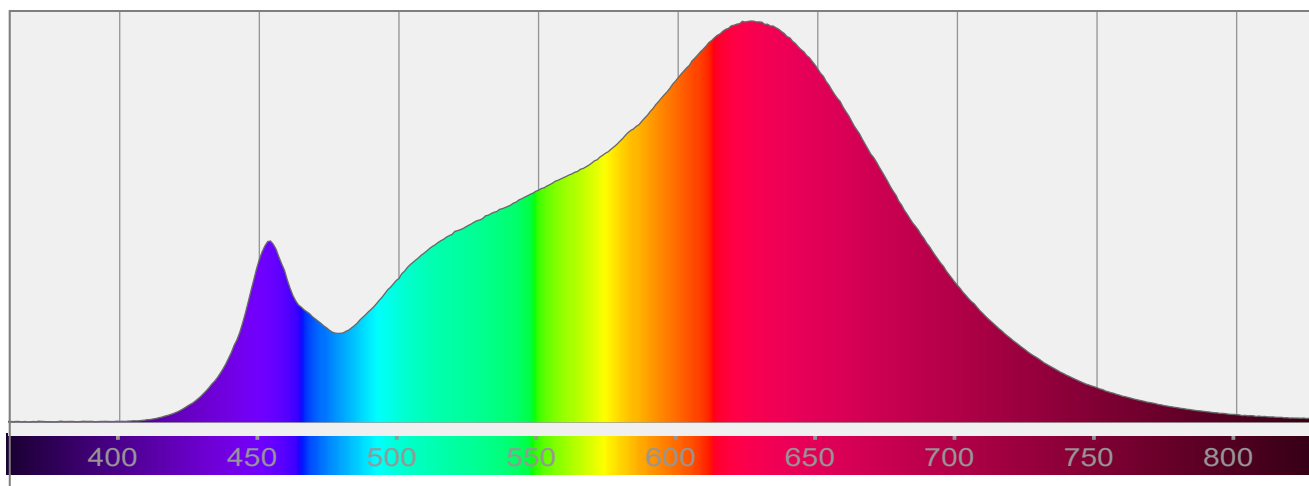
Output: 835 lm

Peak: 4001 cd

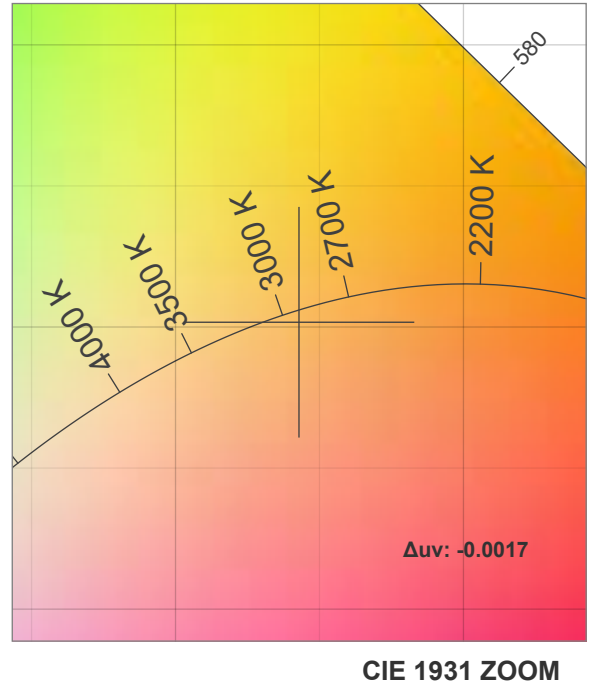
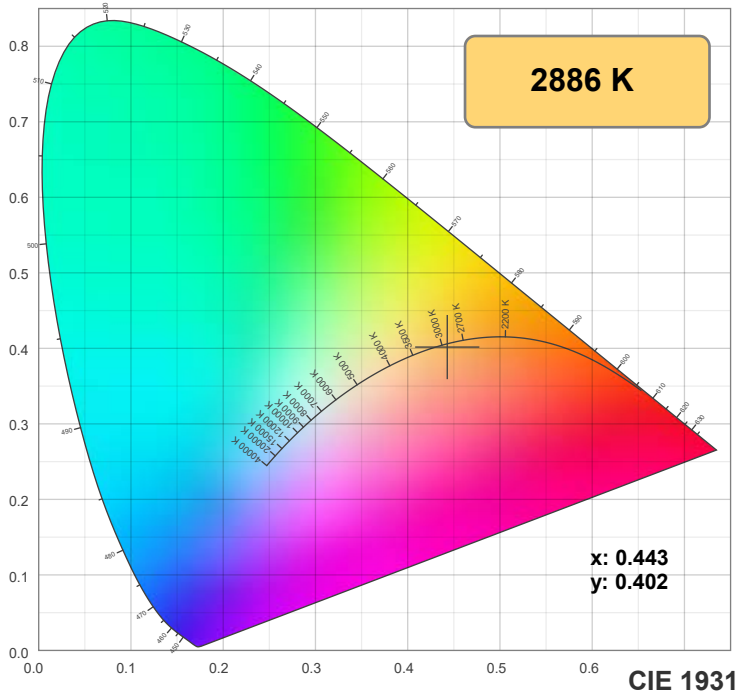
Power: 14.6 W

PF: 0.99

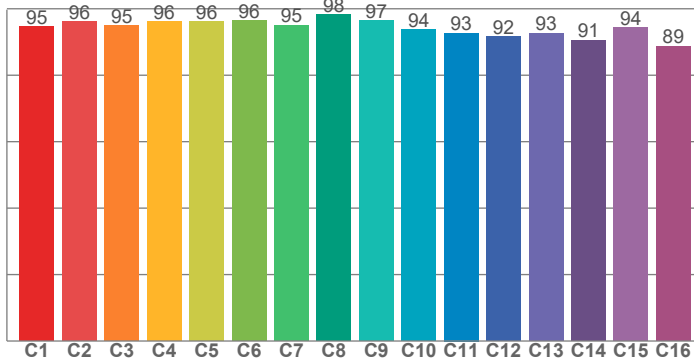
Spectra:



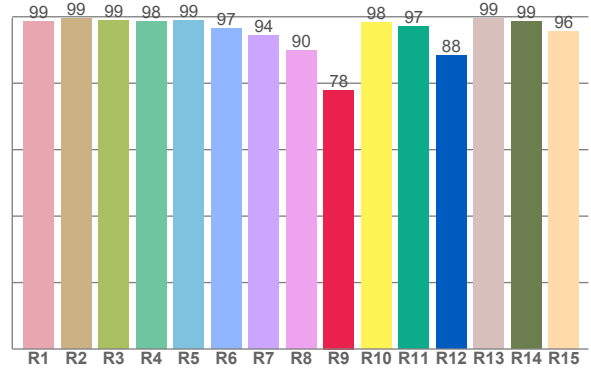
Color Details



TM-30: 94.4



CRI: 96.9 (R1-R8)



CRI R Values:

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.7	99.4	98.9	98.5	98.8	96.6	94.5	89.8	78.0	98.4	97.2	88.4	99.4	98.6	95.5

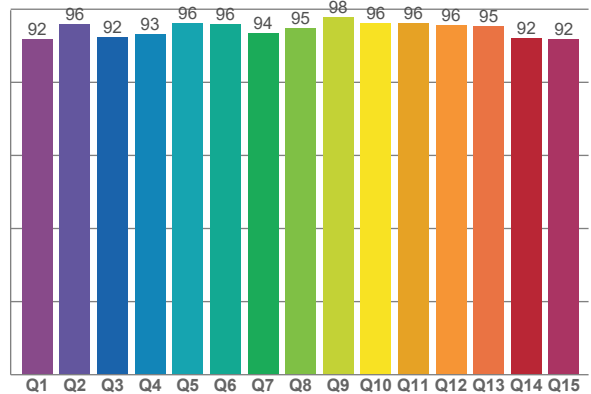
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94.7	96.1	94.8	96.1	96.1	96.5	95.1	98.2	96.5	93.8	92.7	91.7	92.7	90.6	94.4	88.8

CQS Q values:

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
91.9	95.9	92.2	93.1	96.2	96.0	93.5	94.7	97.7	96.1	96.1	95.7	95.2	92.1	91.9

CQS: 94.1



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
2886 K	96.9	78.0	94.4	100.7	94.1	0.443	0.402	0.255	0.348	-0.0017

TM-30 Details

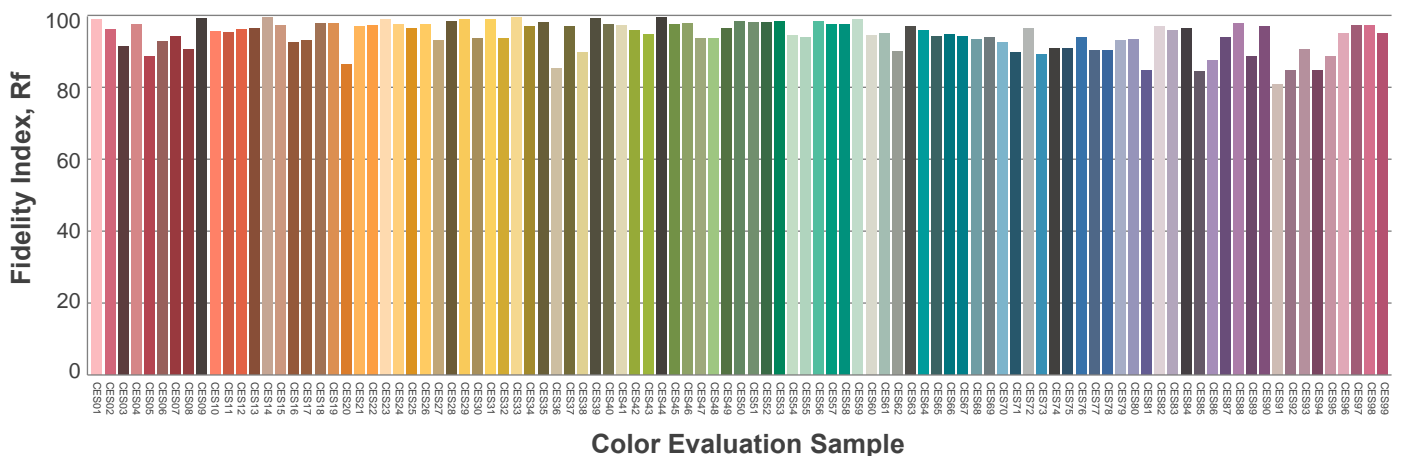
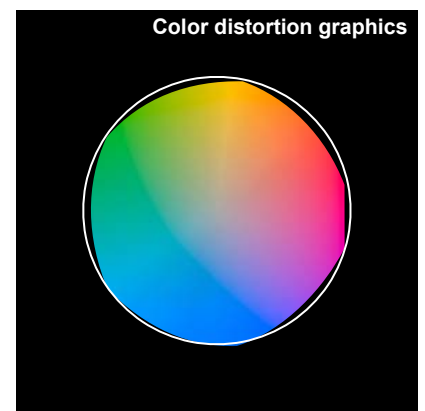
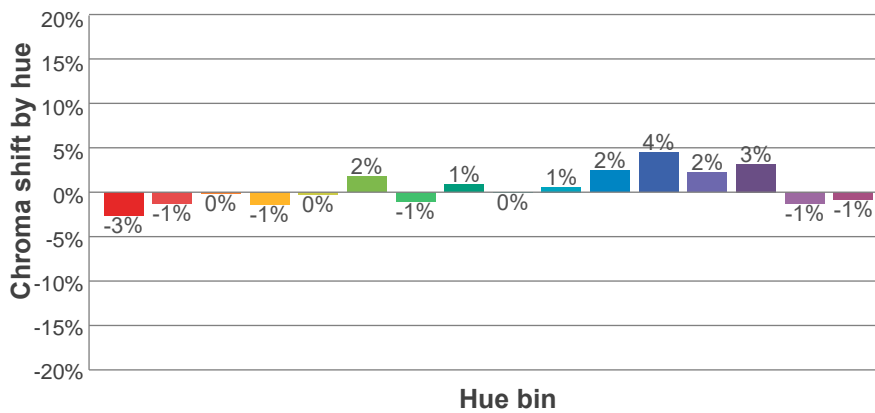
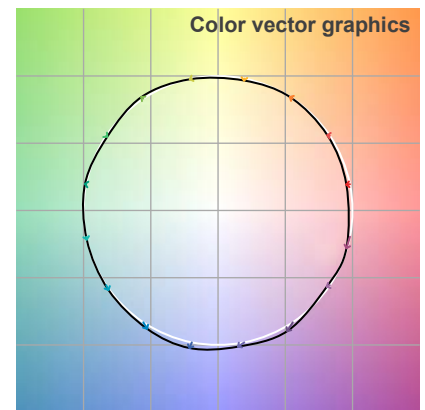
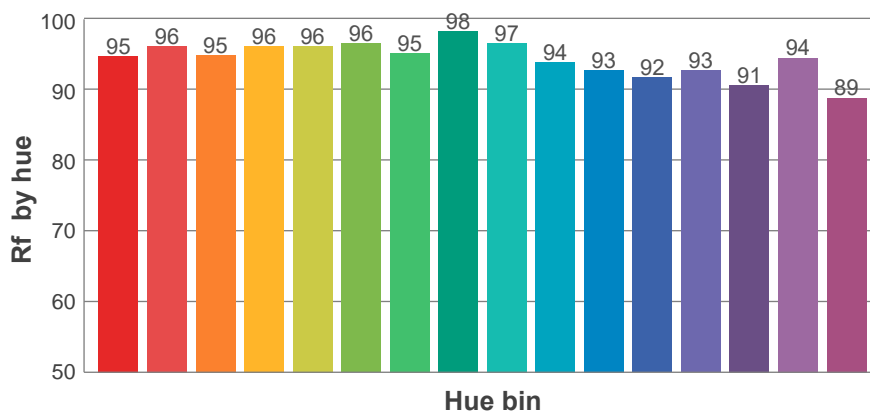
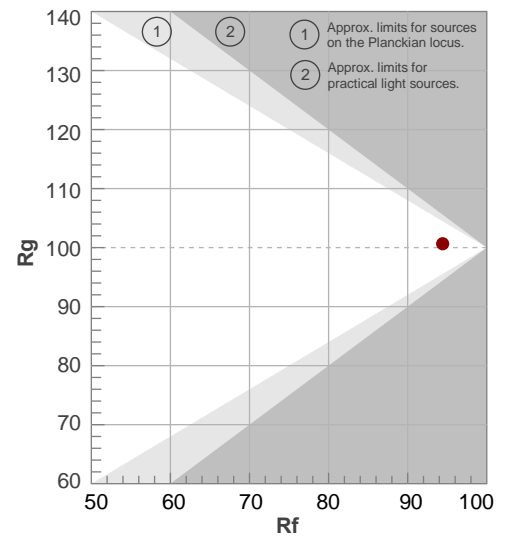
Rf 94.4

Fidelity index Rf

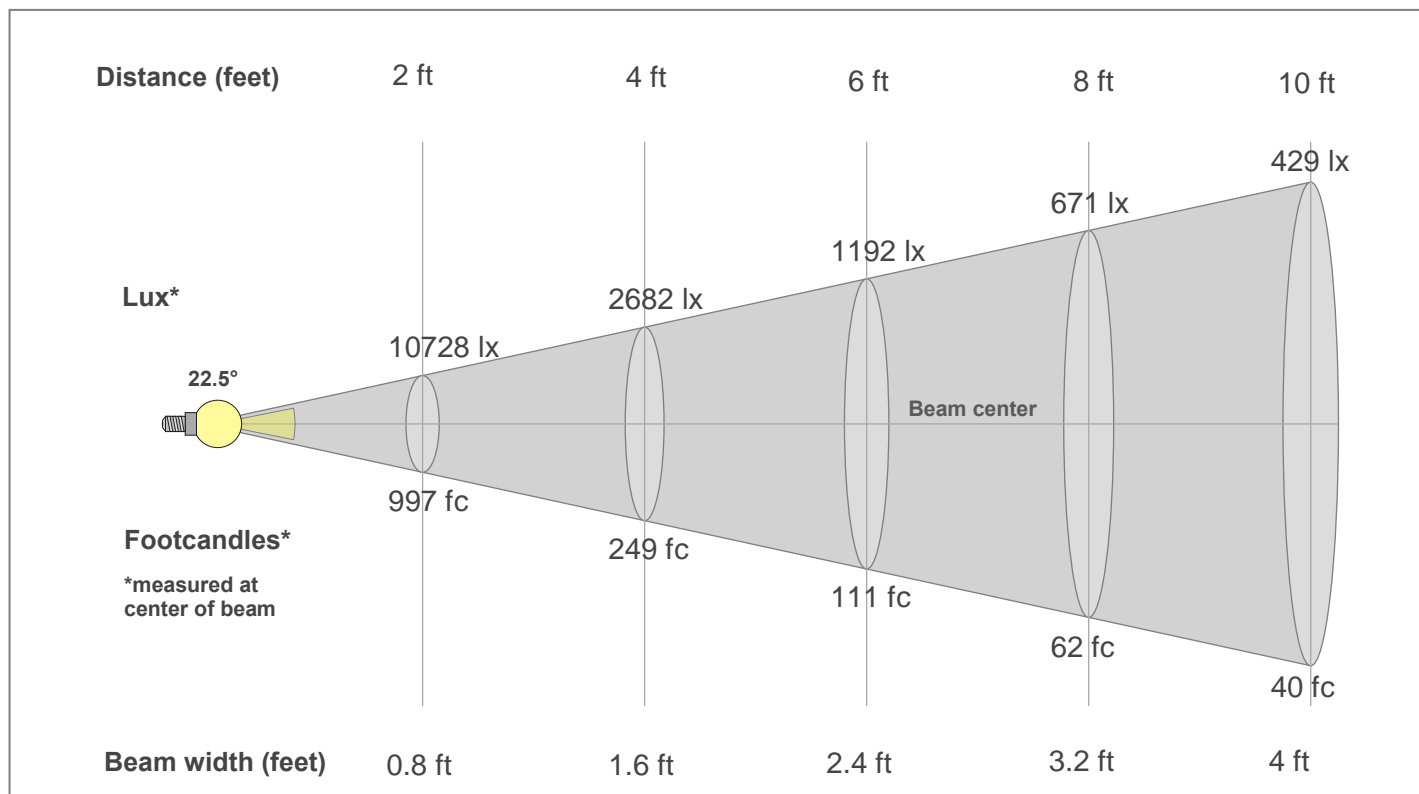
Rg 100.7

Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	95	-3%	0%
2	96	-1%	1%
3	95	0%	2%
4	96	-1%	0%
5	96	0%	2%
6	96	2%	1%
7	95	-1%	0%
8	98	1%	0%
9	97	0%	2%
10	94	1%	4%
11	93	2%	5%
12	92	4%	-1%
13	93	2%	-5%
14	91	3%	-7%
15	94	-1%	-2%
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
3987lx	997lx	443lx	249lx	159lx	111lx	81lx	62lx	49lx	40lx	33lx	28lx	24lx	20lx	18lx	16lx	14lx	12lx	11lx	10lx
370.4fc	92.6fc	41.2fc	23.1fc	14.8fc	10.3fc	7.6fc	5.8fc	4.6fc	3.7fc	3.1fc	2.6fc	2.2fc	1.9fc	1.6fc	1.4fc	1.3fc	1.1fc	1fc	0.9fc

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°
3987	3925	3710	3349	2869	2338	1821	1379	1041	792	611	470	363	274	200	140	92	51	29	20
100%	98%	93%	84%	72%	59%	46%	35%	26%	20%	15%	12%	9%	7%	5%	4%	2%	1%	1%	0%

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°
3987	3902	3679	3303	2820	2294	1806	1391	1074	827	640	495	382	290	213	149	97	53	29	19
100%	98%	92%	83%	71%	58%	45%	35%	27%	21%	16%	12%	10%	7%	5%	4%	2%	1%	1%	0%

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°
3987	3925	3710	3349	2869	2338	1821	1379	1041	792	611	470	363	274	200	140	92	51	29	20
100%	98%	93%	84%	72%	59%	46%	35%	26%	20%	15%	12%	9%	7%	5%	4%	2%	1%	1%	0%

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°
3987	3902	3679	3303	2820	2294	1806	1391	1074	827	640	495	382	290	213	149	97	53	29	19
100%	98%	92%	83%	71%	58%	45%	35%	27%	21%	16%	12%	10%	7%	5%	4%	2%	1%	1%	0%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
22.5°	46.9°	63.5°	99.2%	99.0%