

Photometric / Colorimetric / Electric Report

Fixture Model:

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

Trim Model:

FLR-4-WH

Date:

8/7/2024



Light efficiency:

58 Lumen/Watt

Light quality:

CRI: 96.6

Color temperature:

3016 K

CIE 1931:

**x: 0.435
y: 0.401**

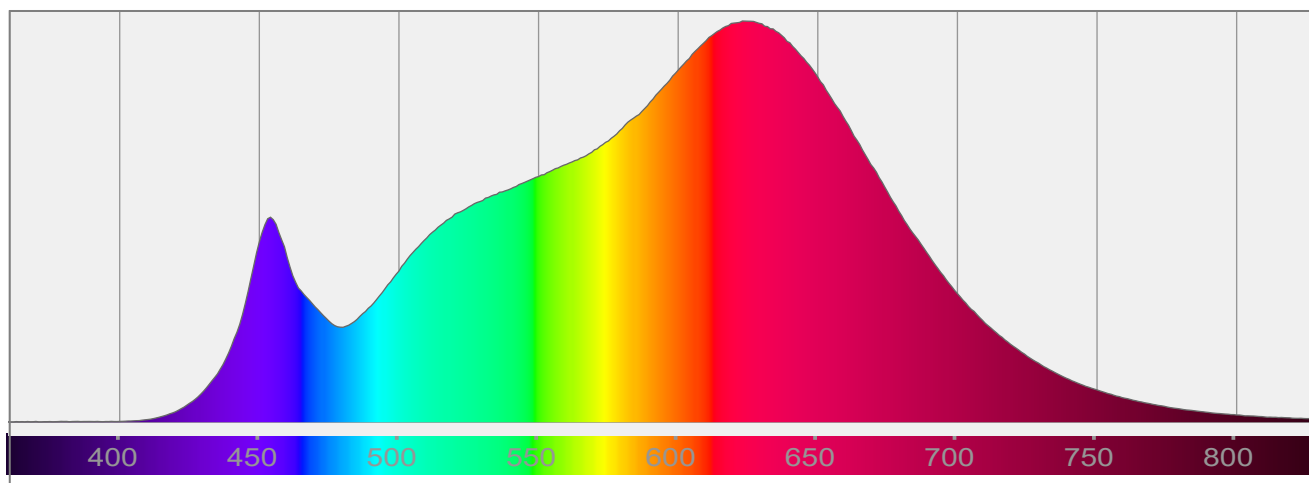
Output: 855 lm

Peak: 2169 cd

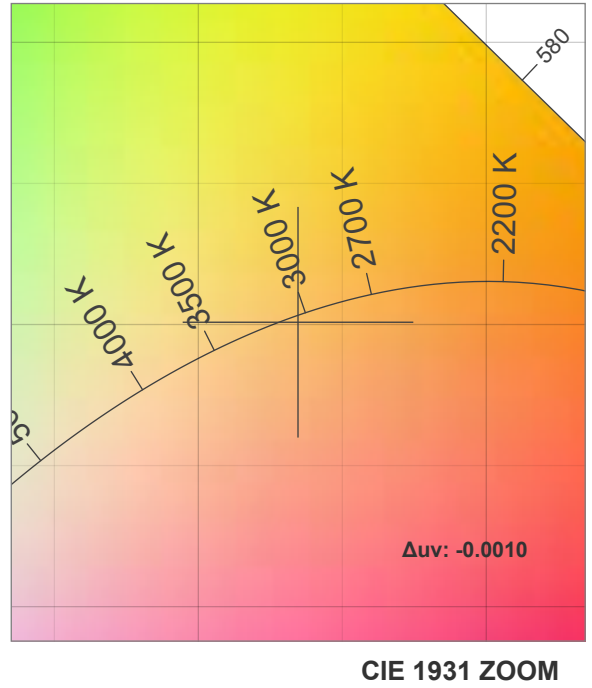
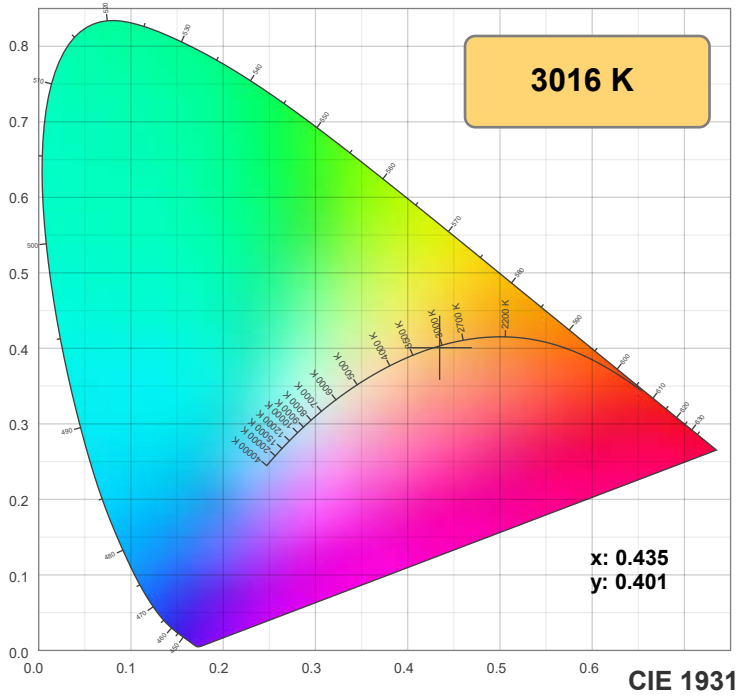
Power: 14.7 W

PF: 0.99

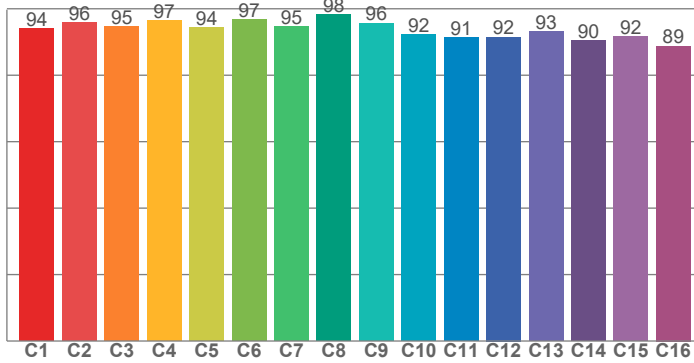
Spectra:



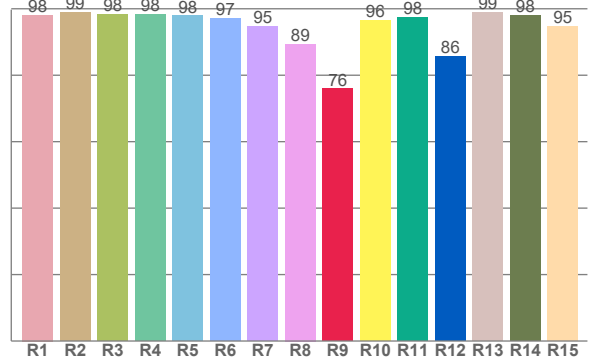
Color Details



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	98.2	98.2	97.9	97.1	94.8	89.4	75.9	96.4	97.5	85.6	98.8	98.1	94.7

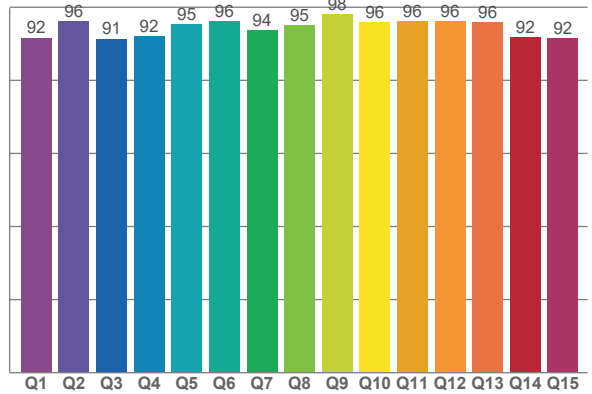
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94.2	95.8	94.6	96.5	94.4	96.7	94.7	98.4	95.7	92.3	91.3	91.5	93.1	90.4	91.7	88.8

CQS Q values:

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
91.7	96.2	91.4	92.1	95.4	96.1	93.8	95.1	98.2	95.9	96.2	96.1	95.8	91.8	91.6

CQS: 93.9



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
3016 K	96.6	75.9	93.9	100.3	93.9	0.435	0.401	0.250	0.346	-0.0010

TM-30 Details

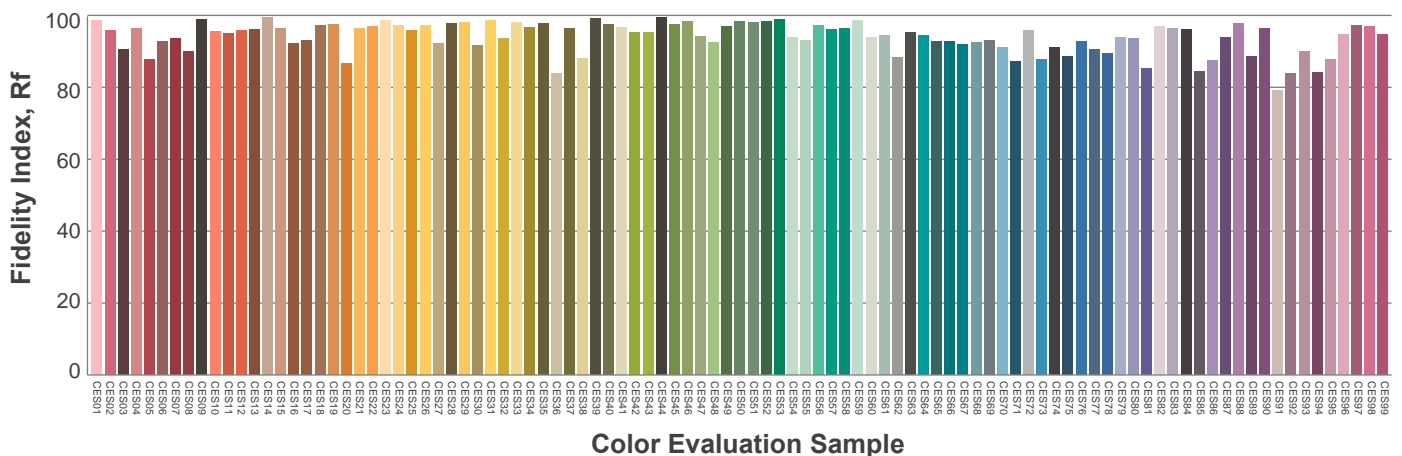
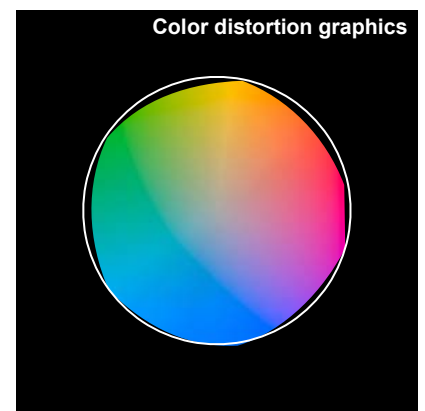
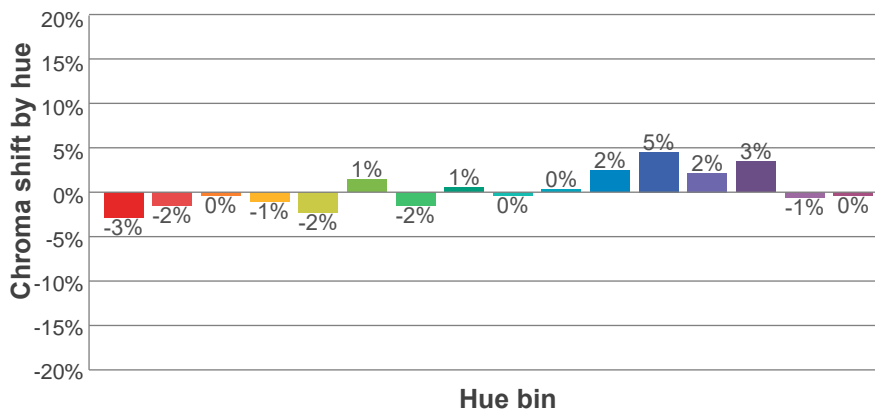
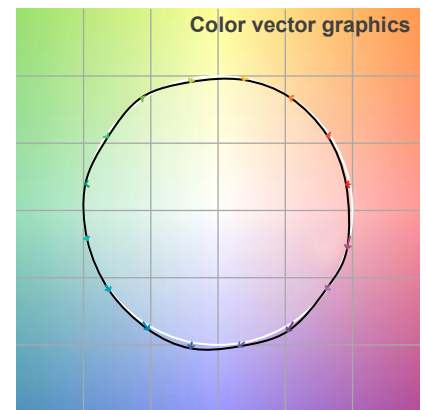
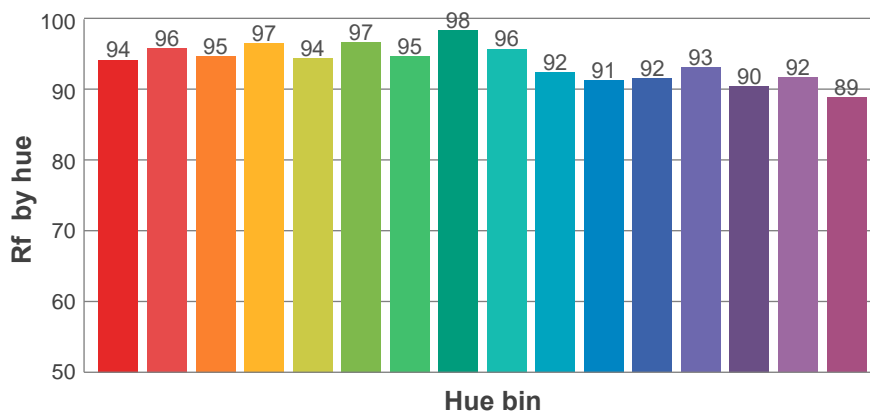
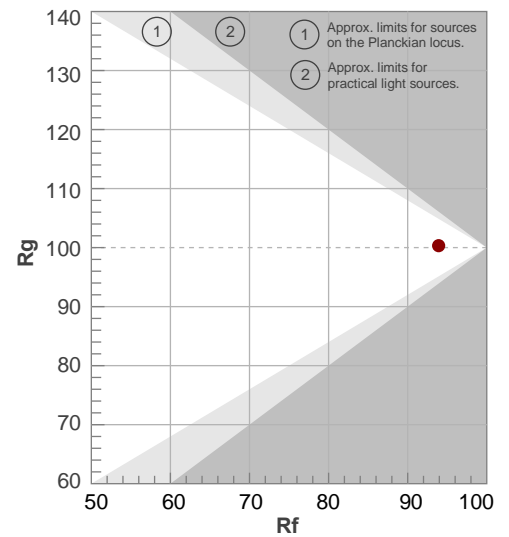
Rf 93.9

Fidelity index Rf

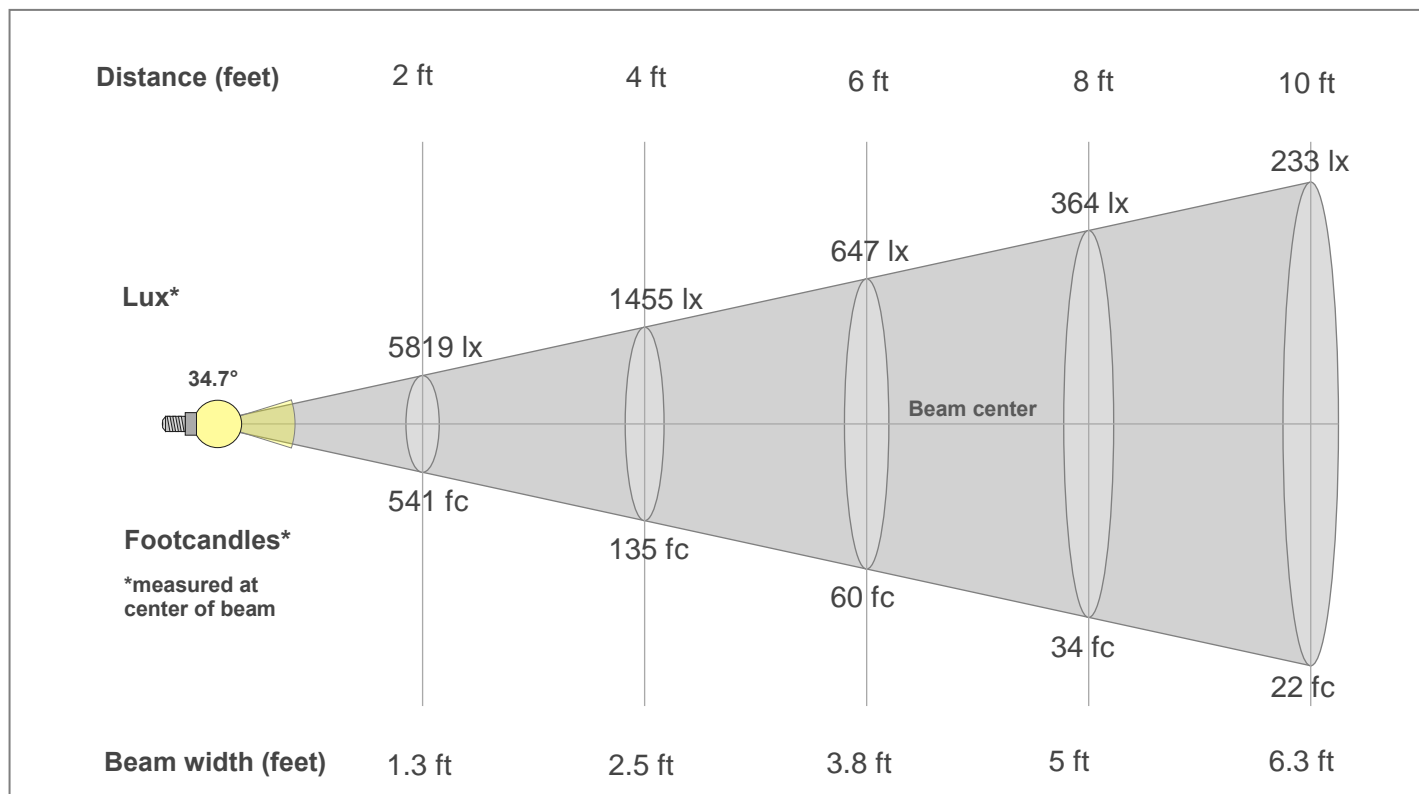
Rg 100.3

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
2162lx	541lx	240lx	135lx	86lx	60lx	44lx	34lx	27lx	22lx	18lx	15lx	13lx	11lx	10lx	8lx	7lx	7lx	6lx	5lx
200.9fc	50.2fc	22.3fc	12.6fc	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°
2162	2143	2087	1996	1872	1726	1564	1387	1202	1019	847	681	536	412	311	231	171	126	95	71
100%	99%	96%	92%	87%	80%	72%	64%	56%	47%	39%	32%	25%	19%	14%	11%	8%	6%	4%	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°
2162	2151	2096	2004	1882	1737	1574	1397	1213	1032	857	693	545	417	314	231	168	123	92	68
100%	99%	97%	93%	87%	80%	73%	65%	56%	48%	40%	32%	25%	19%	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°
2162	2143	2087	1996	1872	1726	1564	1387	1202	1019	847	681	536	412	311	231	171	126	95	71
100%	99%	96%	92%	87%	80%	72%	64%	56%	47%	39%	32%	25%	19%	14%	11%	8%	6%	4%	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°
2162	2151	2096	2004	1882	1737	1574	1397	1213	1032	857	693	545	417	314	231	168	123	92	68
100%	99%	97%	93%	87%	80%	73%	65%	56%	48%	40%	32%	25%	19%	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°
34.7°	60.9°	79.2°	99.6%	98.9%