

Photometric / Colorimetric / Electric Report

Fixture Model:
400-WD-4-25-PR1-4-350-FLS-4-WH

Trim Model:
FLS-4-WH

Date:
8/7/2024



Light efficiency:
50 Lumen/Watt

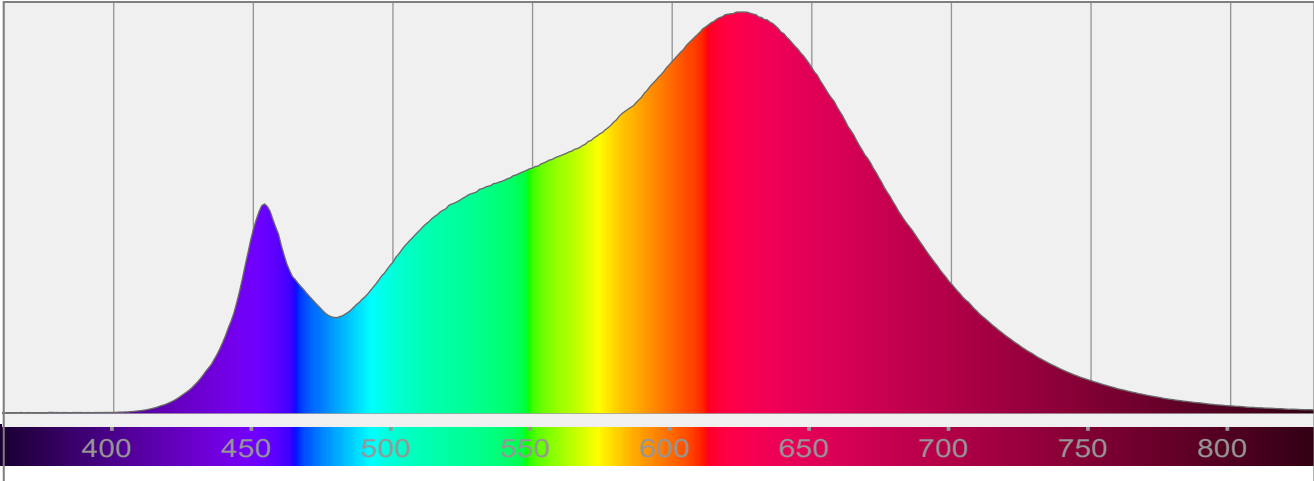
Light quality:
CRI: 96.7

Color temperature:
3020 K

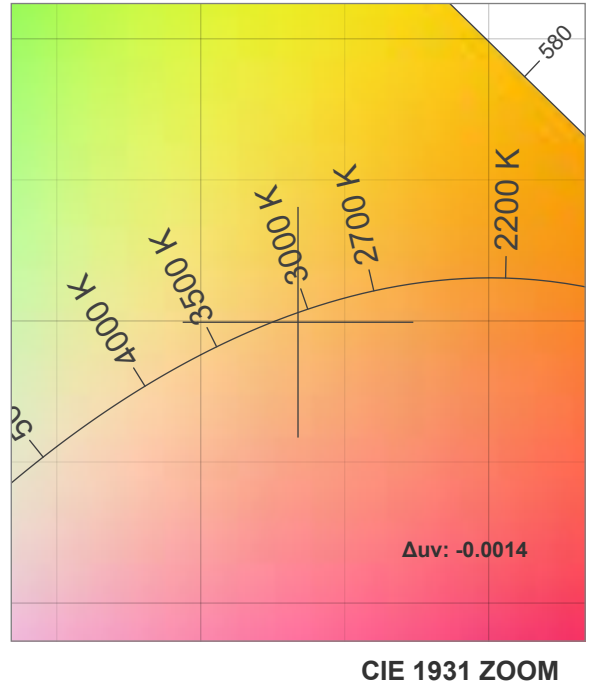
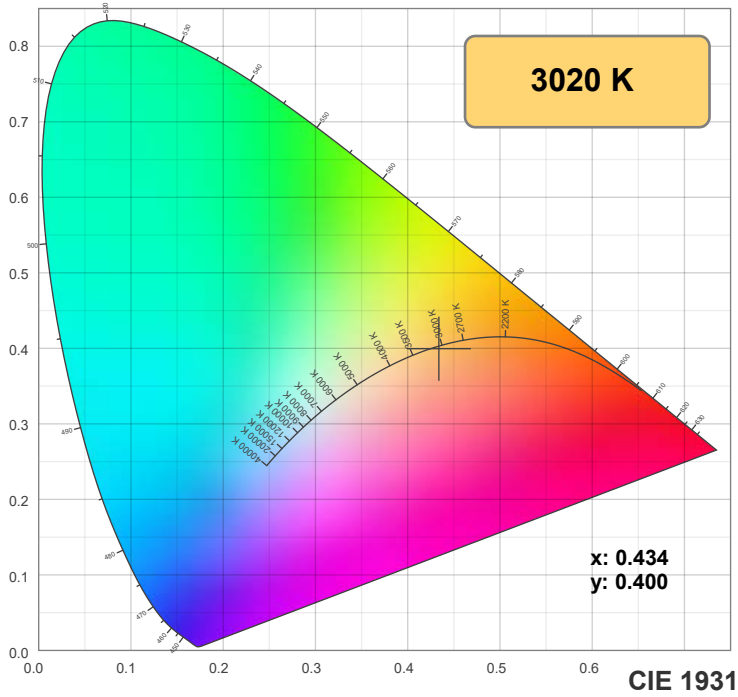
CIE 1931:
x: 0.434
y: 0.400

Output:	732 lm
Peak:	2768 cd
Power:	14.7 W
PF:	0.99

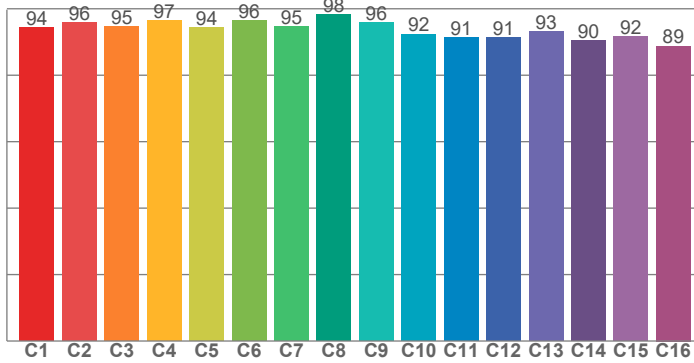
Spectra:



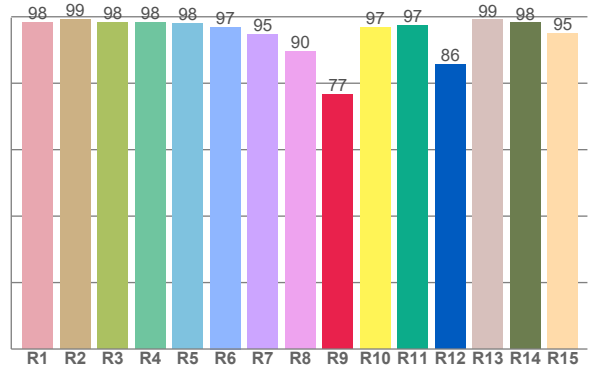
Color Details



TM-30: 93.9



CRI: 96.7 (R1-R8)



CRI R Values:

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.3	99.1	98.3	98.2	98.1	96.9	94.7	89.6	76.6	96.9	97.3	85.7	99.1	98.1	95.1

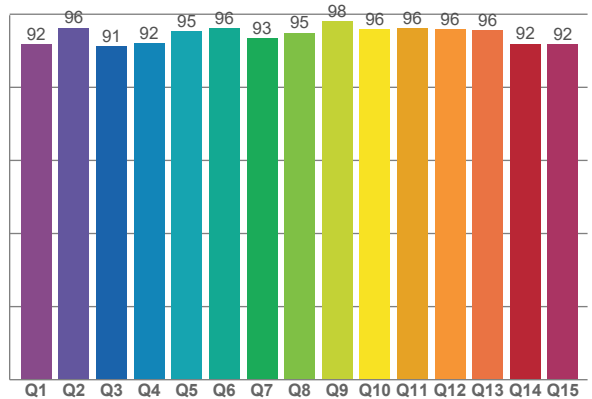
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94.3	95.8	94.5	96.6	94.3	96.5	94.6	98.3	95.8	92.4	91.2	91.4	93.1	90.5	91.7	88.8

CQS Q values:

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
91.8	96.3	91.2	92.0	95.4	96.1	93.5	94.9	98.2	95.8	96.1	95.9	95.6	91.9	91.8

CQS: 93.9



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
3020 K	96.7	76.6	93.9	100.5	93.9	0.434	0.400	0.250	0.346	-0.0014

TM-30 Details

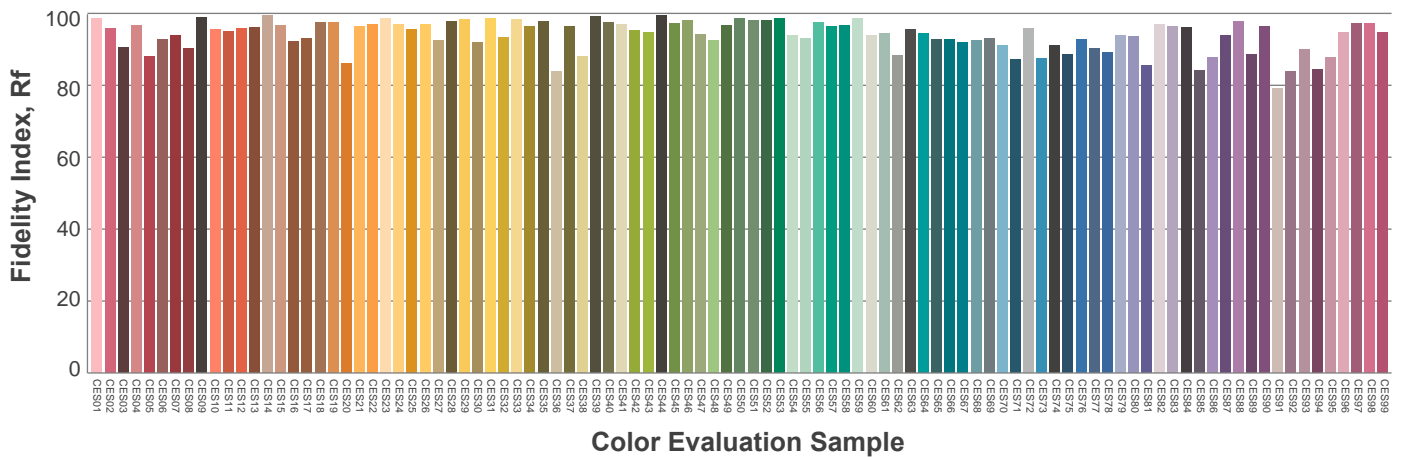
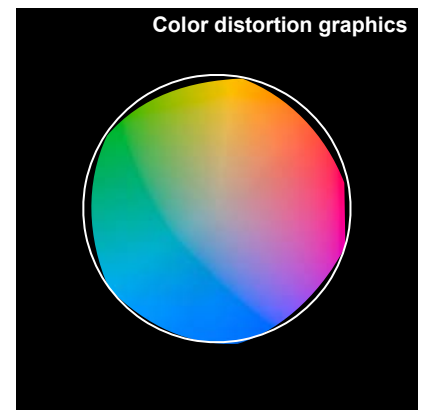
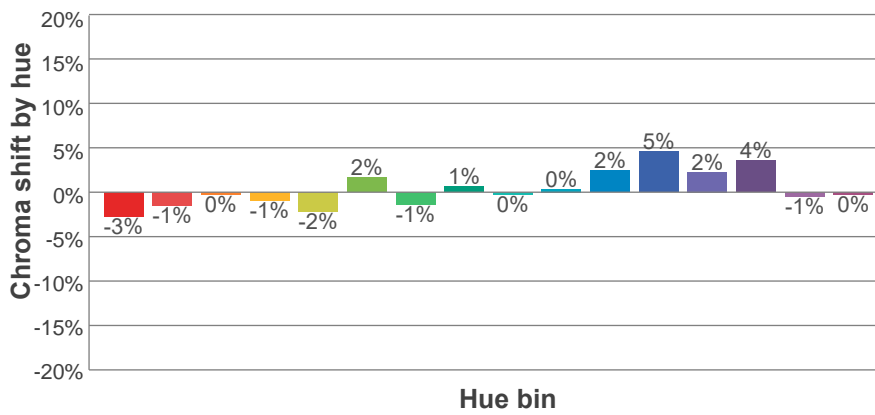
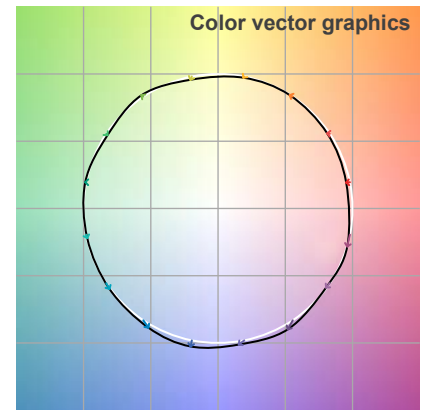
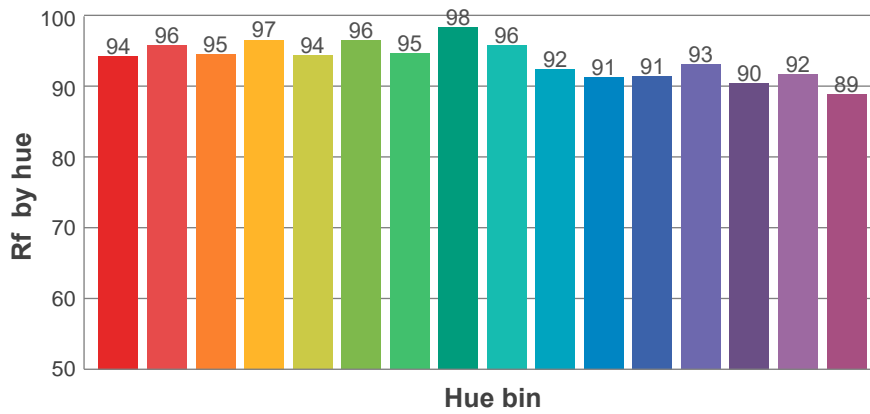
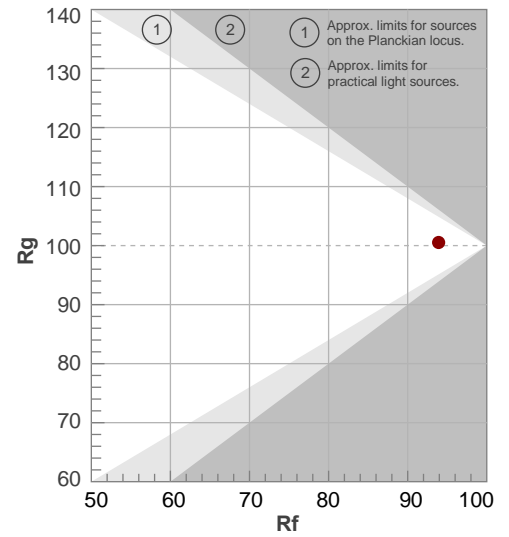
Rf 93.9

Fidelity index Rf

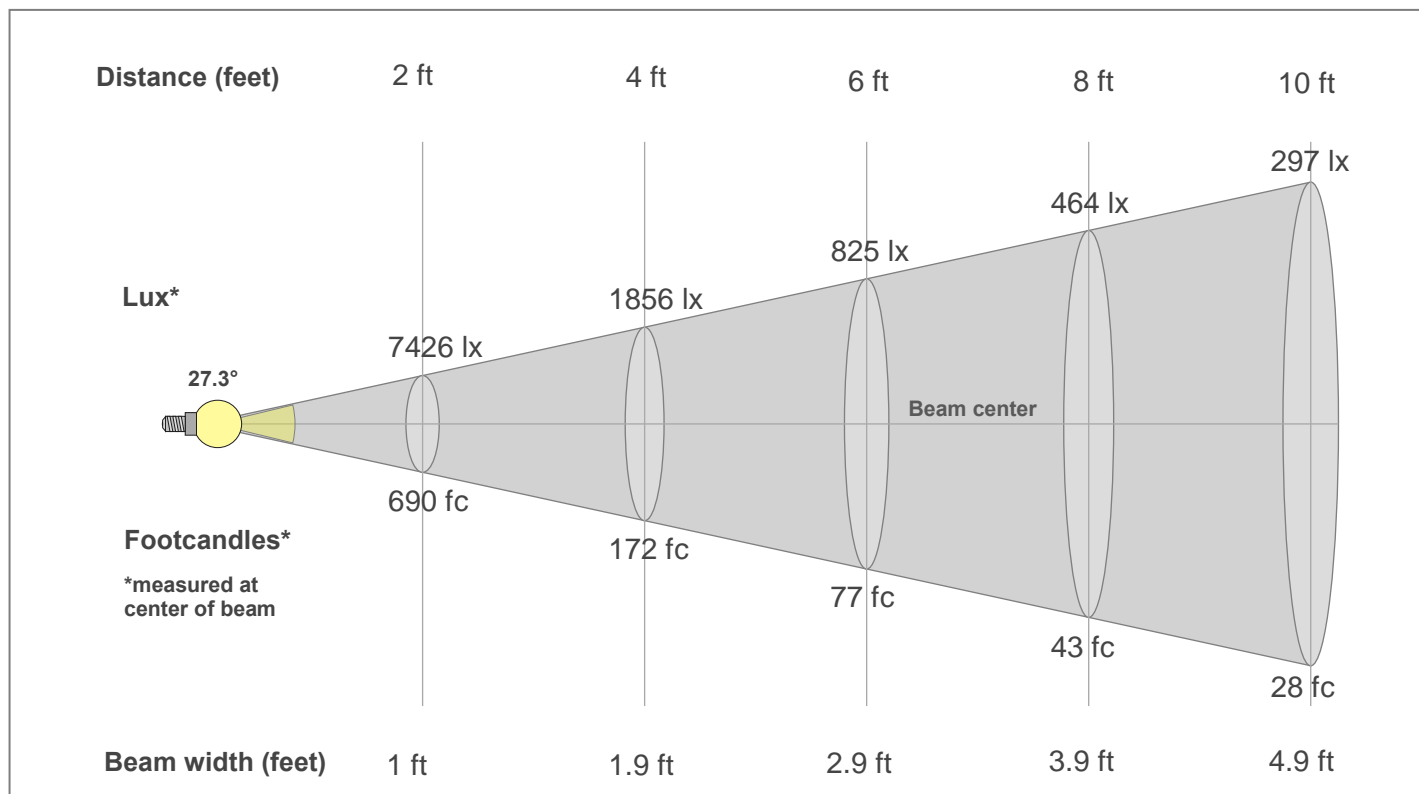
Rg 100.5

Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	94	-3%	0%
2	96	-1%	1%
3	95	0%	3%
4	97	-1%	0%
5	94	-2%	1%
6	96	2%	1%
7	95	-1%	0%
8	98	1%	0%
9	96	0%	3%
10	92	0%	5%
11	91	2%	6%
12	91	5%	0%
13	93	2%	-5%
14	90	4%	-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
2759lx	690lx	307lx	172lx	110lx	77lx	56lx	43lx	34lx	28lx	23lx	19lx	16lx	14lx	12lx	11lx	10lx	9lx	8lx	7lx
256.4fc	64.1fc	28.5fc	16fc	10.3fc	7.1fc	5.2fc	4fc	3.2fc	2.6fc	2.1fc	1.8fc	1.5fc	1.3fc	1.1fc	1fc	0.9fc	0.8fc	0.7fc	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°
2759	2709	2586	2394	2159	1894	1613	1327	1064	825	630	475	359	269	192	129	82	50	29	17
100%	98%	94%	87%	78%	69%	58%	48%	39%	30%	23%	17%	13%	10%	7%	5%	3%	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°
2759	2723	2599	2406	2164	1898	1615	1330	1067	831	637	484	370	279	202	135	87	52	30	17
100%	99%	94%	87%	78%	69%	59%	48%	39%	30%	23%	18%	13%	10%	7%	5%	3%	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°
2759	2709	2586	2394	2159	1894	1613	1327	1064	825	630	475	359	269	192	129	82	50	29	17
100%	98%	94%	87%	78%	69%	58%	48%	39%	30%	23%	17%	13%	10%	7%	5%	3%	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°
2759	2723	2599	2406	2164	1898	1615	1330	1067	831	637	484	370	279	202	135	87	52	30	17
100%	99%	94%	87%	78%	69%	59%	48%	39%	30%	23%	18%	13%	10%	7%	5%	3%	2%	1%	1%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
27.3°	51.9°	65.7°	99.5%	99.2%