

Photometric / Colorimetric / Electric Report

Fixture Model:

202-S-WD-5-25-NSP-PR1-2-FLS-2

Trim Model:

Date:

8/5/2026



Light efficiency:

54 Lumen/Watt

Light quality:

CRI: 94.8

Color temperature:

3010 K

CIE 1931:

x: 0.432
y: 0.394

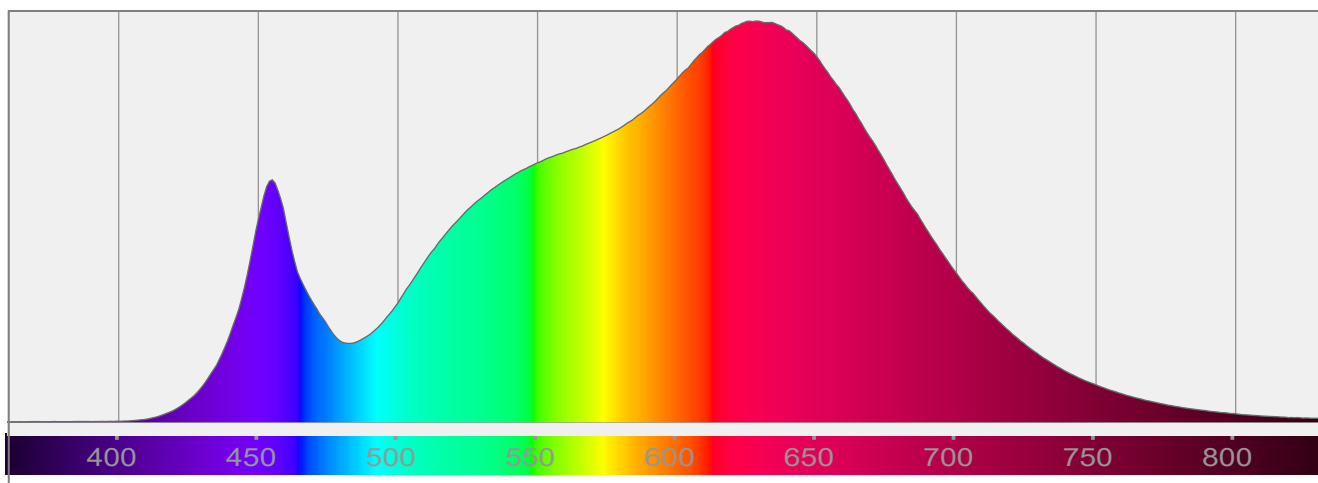
Output: 725 lm

Peak: 2814 cd

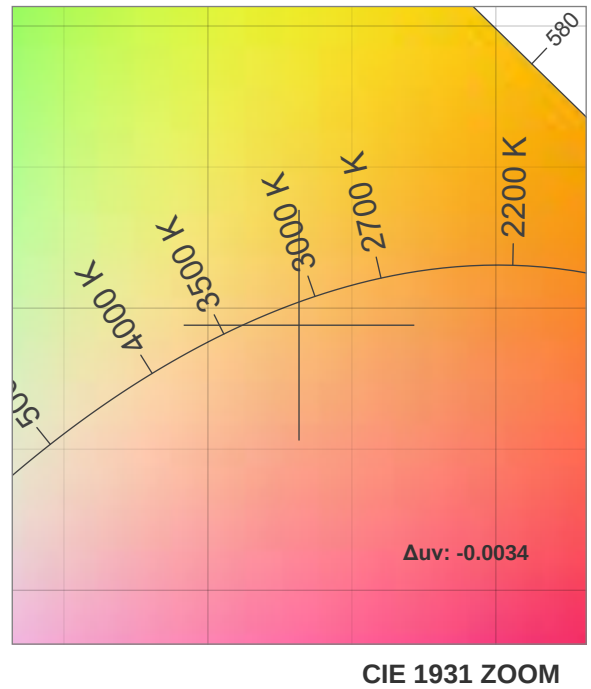
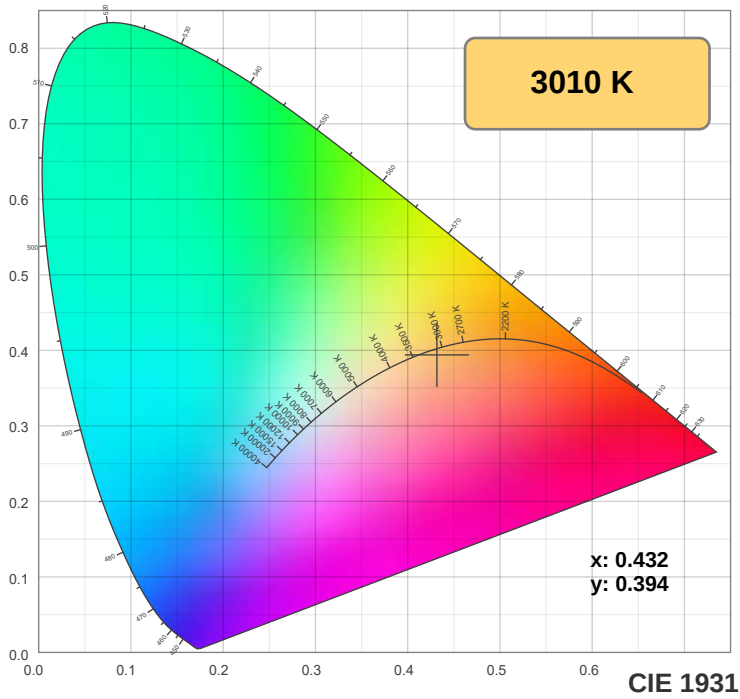
Power: 13.4 W

PF: 0.99

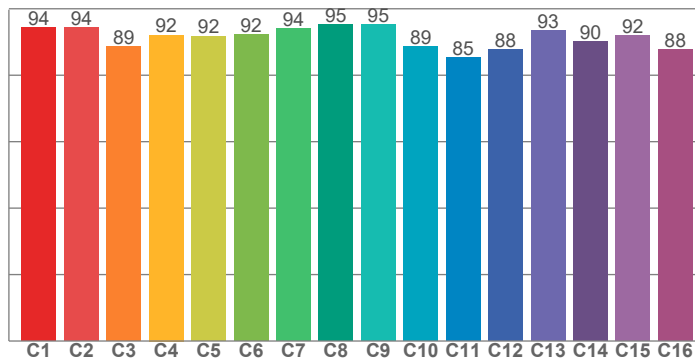
Spectra:



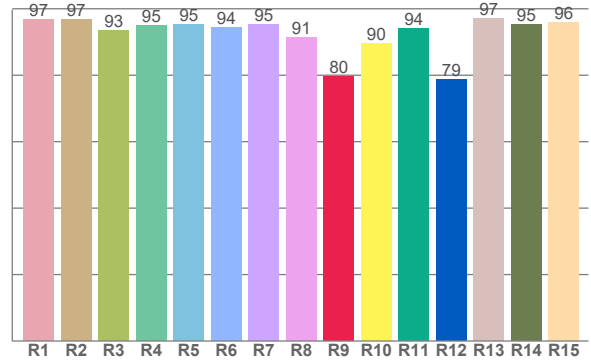
Color Details



TM-30: 91.4



CRI: 94.8 (R1-R8)



CRI R Values:

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96.8	96.8	93.4	94.9	95.3	94.3	95.3	91.4	79.7	89.6	94.1	78.8	97.0	95.2	95.9

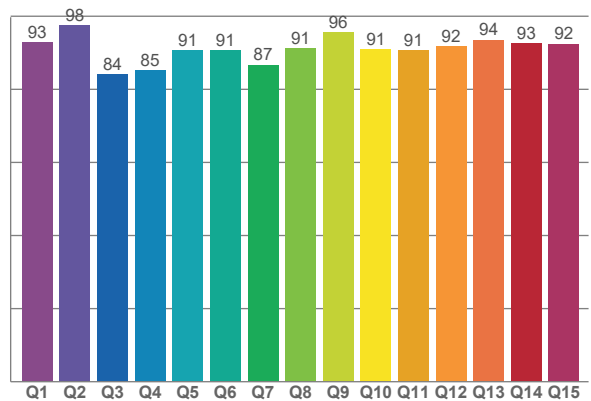
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94.2	94.4	88.7	92.1	91.8	92.3	94.0	95.3	95.2	88.6	85.2	87.8	93.4	90.1	91.9	87.7

CQS Q values:

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
93.0	97.5	84.0	85.2	90.7	90.7	86.7	91.3	95.5	90.9	90.8	91.9	93.6	92.5	92.5

CQS: 90.3



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
3010 K	94.8	79.7	91.4	102.6	90.3	0.432	0.394	0.252	0.344	-0.0034

TM-30 Details

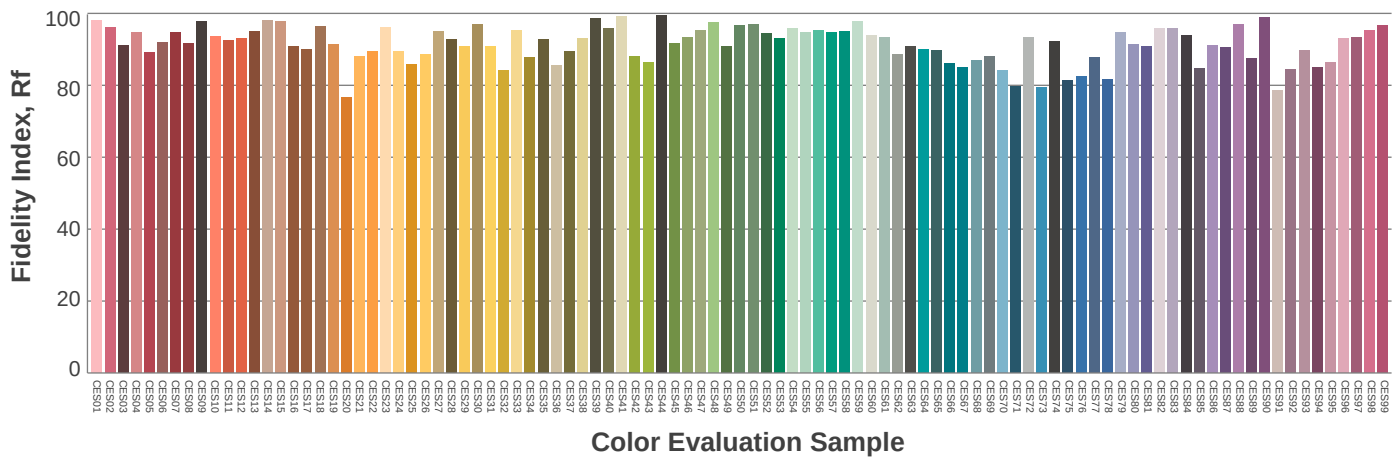
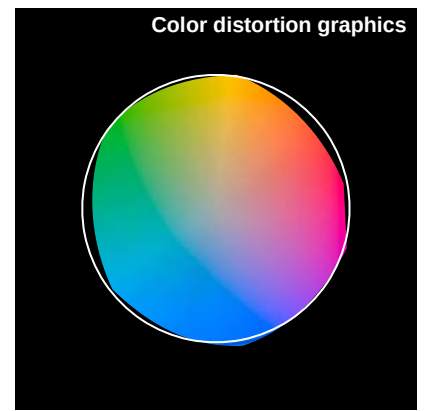
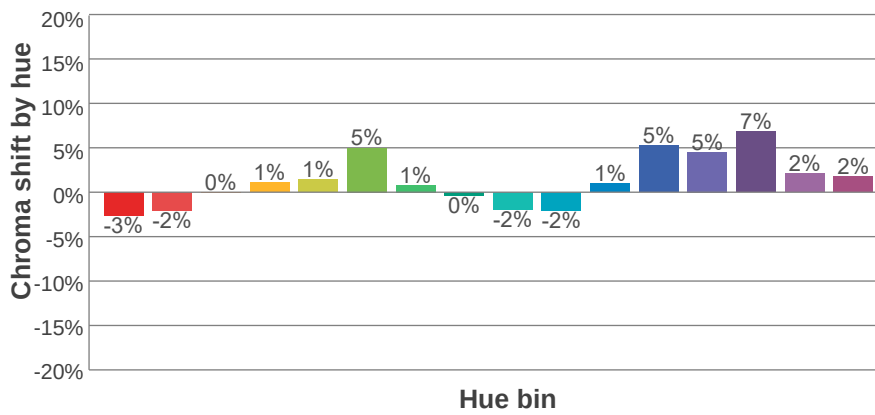
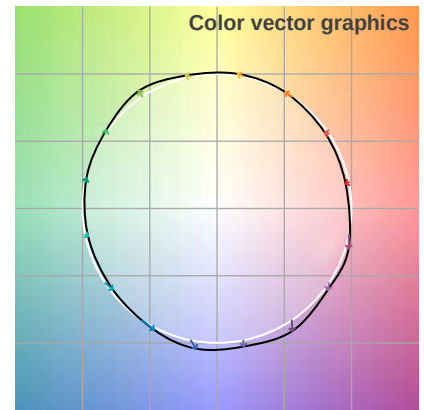
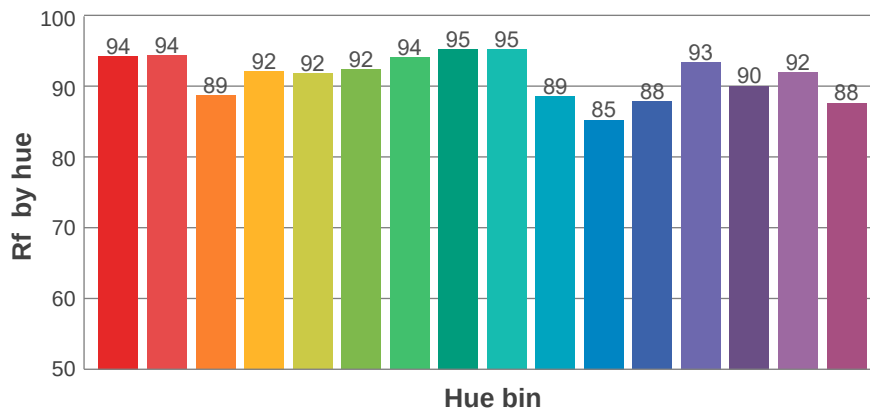
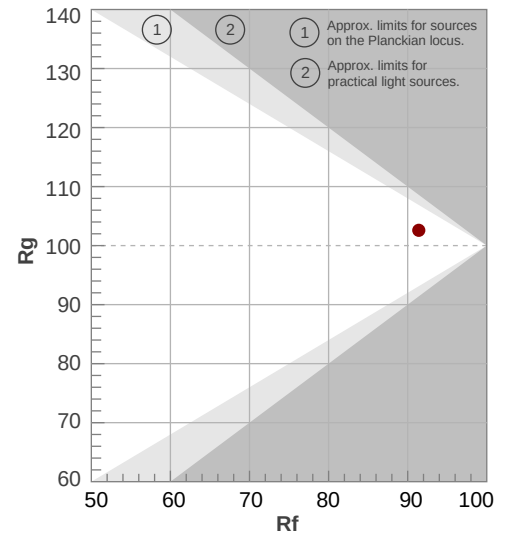
Rf 91.4

Fidelity index Rf

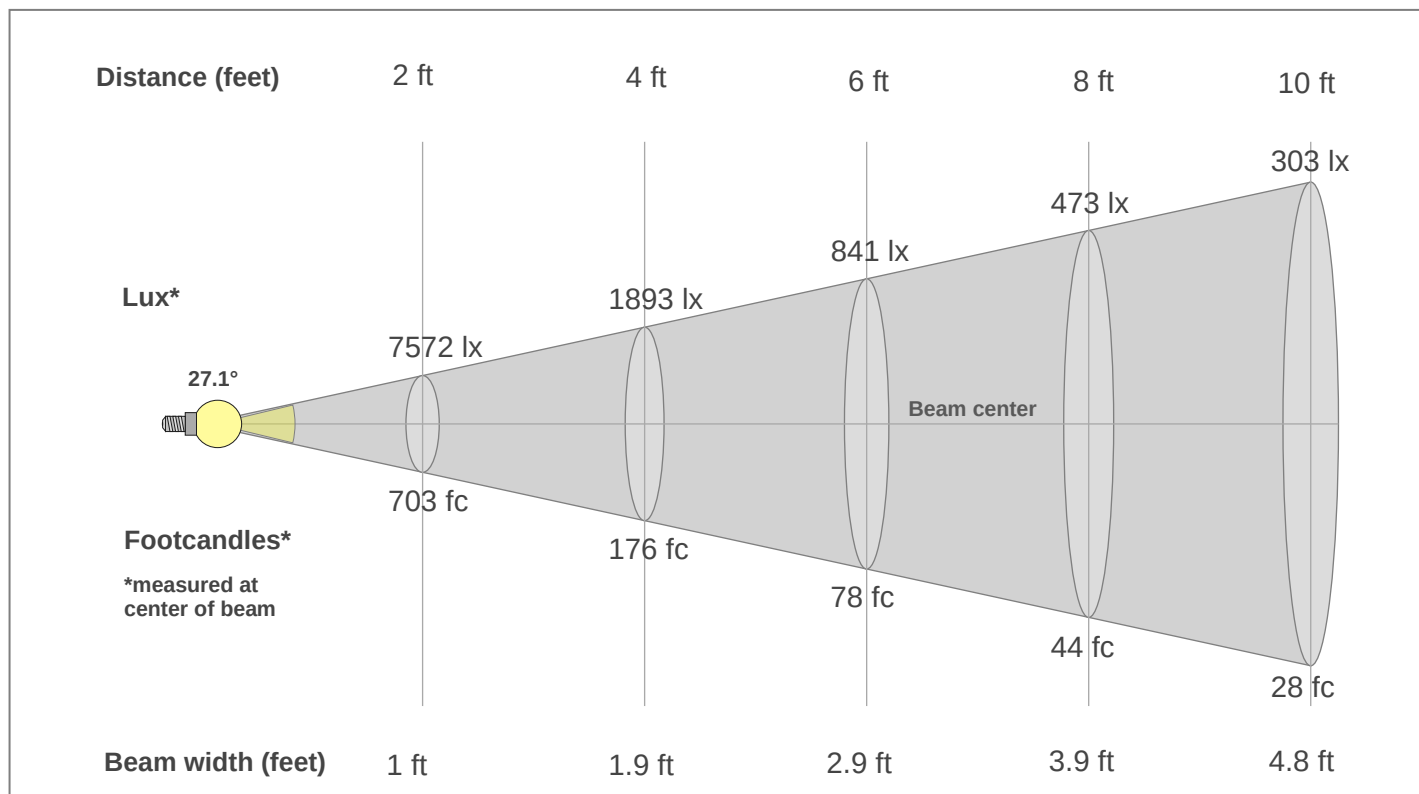
Rg 102.6

Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	94	-3%	0%
2	94	-2%	2%
3	89	0%	6%
4	92	1%	4%
5	92	1%	4%
6	92	5%	0%
7	94	1%	-3%
8	95	0%	-3%
9	95	-2%	1%
10	89	-2%	7%
11	85	1%	11%
12	88	5%	5%
13	93	5%	-1%
14	90	7%	-4%
15	92	2%	-5%
16	88	2%	-10%



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
2814lx	703lx	313lx	176lx	113lx	78lx	57lx	44lx	35lx	28lx	23lx	20lx	17lx	14lx	13lx	11lx	10lx	9lx	8lx	7lx
261.4fc	65.4fc	29fc	16.3fc	10.5fc	7.3fc	5.3fc	4.1fc	3.2fc	2.6fc	2.2fc	1.8fc	1.5fc	1.3fc	1.2fc	1fc	0.9fc	0.8fc	0.7fc	0.7fc

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°
2814	2773	2656	2478	2251	1976	1665	1336	1023	753	540	387	281	208	158	121	93	72	56	43
100%	99%	94%	88%	80%	70%	59%	47%	36%	27%	19%	14%	10%	7%	6%	4%	3%	3%	2%	2%

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°
2814	2773	2656	2478	2251	1976	1665	1336	1023	753	540	387	281	208	158	121	93	72	56	43
100%	99%	94%	88%	80%	70%	59%	47%	36%	27%	19%	14%	10%	7%	6%	4%	3%	3%	2%	2%

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°
2814	2773	2656	2478	2251	1976	1665	1336	1023	753	540	387	281	208	158	121	93	72	56	43
100%	99%	94%	88%	80%	70%	59%	47%	36%	27%	19%	14%	10%	7%	6%	4%	3%	3%	2%	2%

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°
2814	2773	2656	2478	2251	1976	1665	1336	1023	753	540	387	281	208	158	121	93	72	56	43
100%	99%	94%	88%	80%	70%	59%	47%	36%	27%	19%	14%	10%	7%	6%	4%	3%	3%	2%	2%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
27.1°	48°	68.3°	99.4%	98.5%