

Photometric / Colorimetric / Electric Report

Fixture Model:

202-R-WD-7-15-NSP-PR1-2-FLR-2

Trim Model:

Date:

7/16/2026



Light efficiency:

51 Lumen/Watt

Light quality:

CRI: 92.0

Color temperature:

2937 K

CIE 1931:

**x: 0.438
y: 0.397**

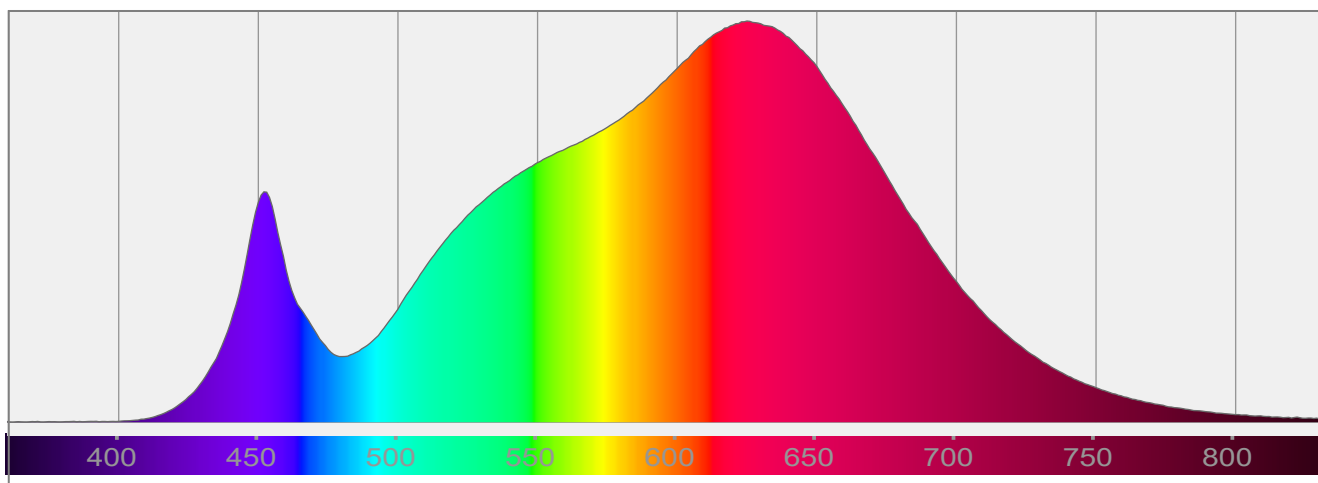
Output: 683 lm

Peak: 5182 cd

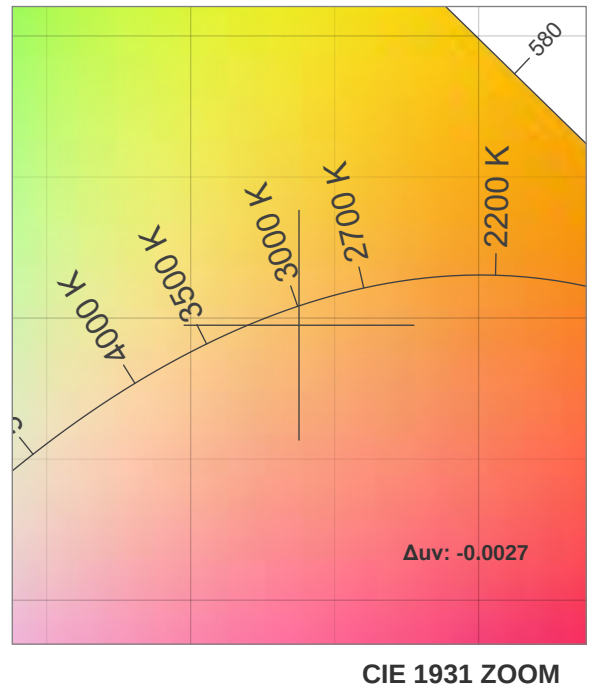
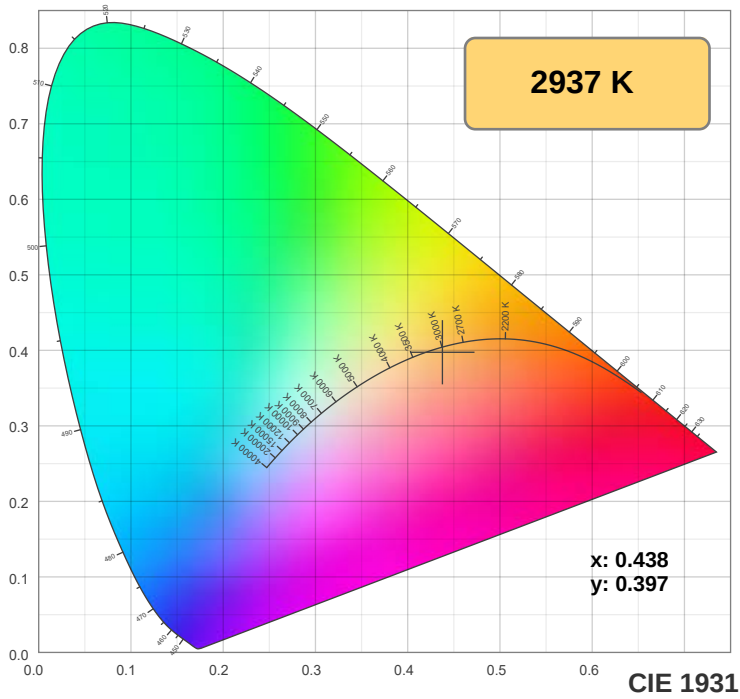
Power: 13.4 W

PF: 0.99

Spectra:

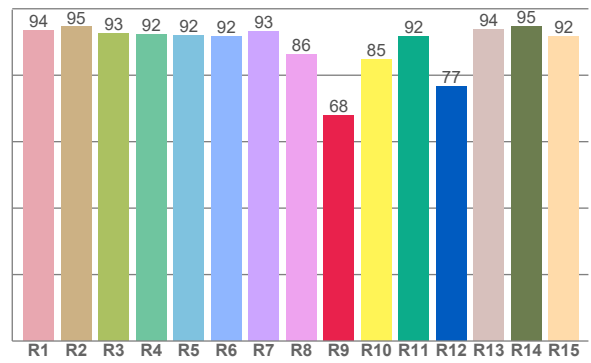
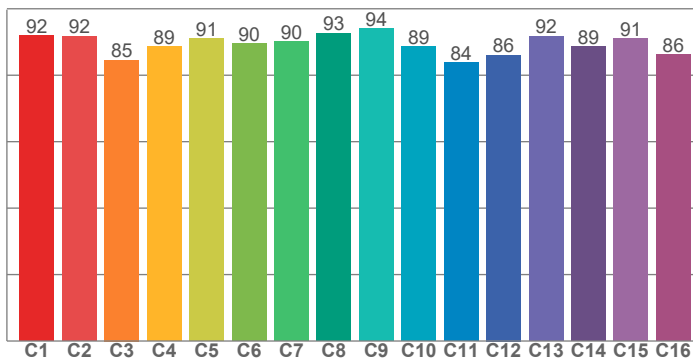


Color Details



TM-30: 89.4

CRI: 92.0 (R1-R8)



CRI R Values:

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93.5	94.5	92.5	92.3	92.0	91.7	93.3	86.3	67.9	84.7	91.6	76.5	93.7	94.7	91.7

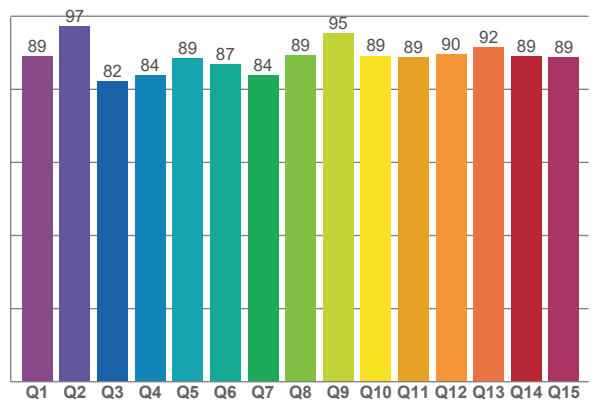
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92.0	91.8	84.6	88.6	91.1	89.6	90.2	92.7	94.0	88.7	83.8	86.1	91.8	88.6	91.1	86.1

CQS Q values:

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
89.1	97.2	82.2	83.7	88.5	87.0	83.9	89.4	95.4	89.2	88.8	89.7	91.5	89.1	88.7

CQS: 88.1



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
2937 K	92.0	67.9	89.4	102.7	88.1	0.438	0.397	0.254	0.346	-0.0027

TM-30 Details

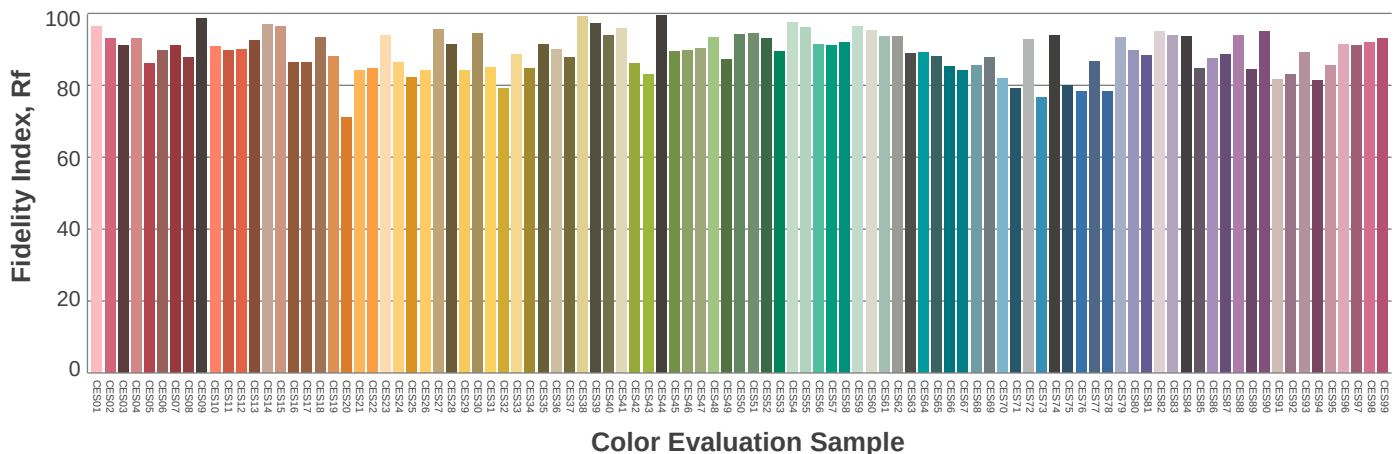
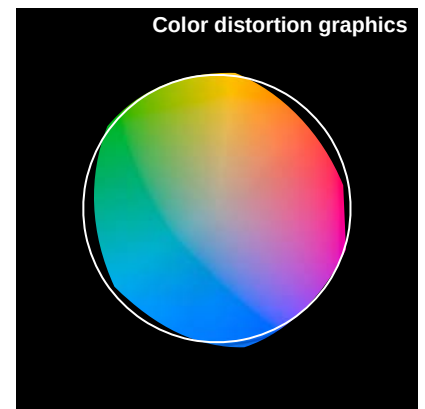
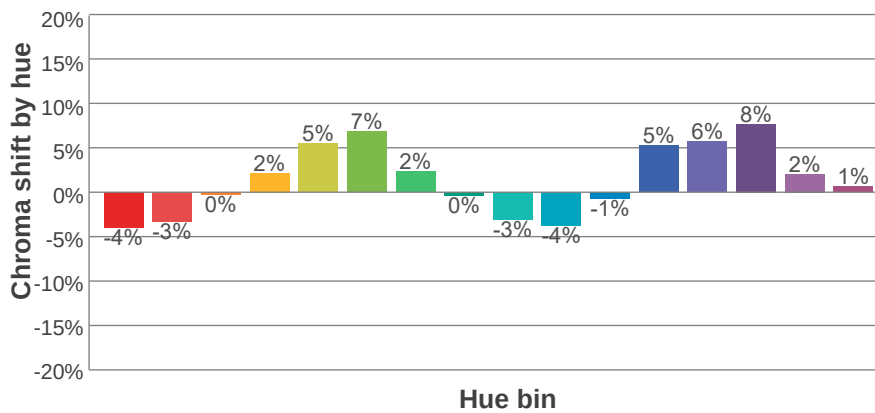
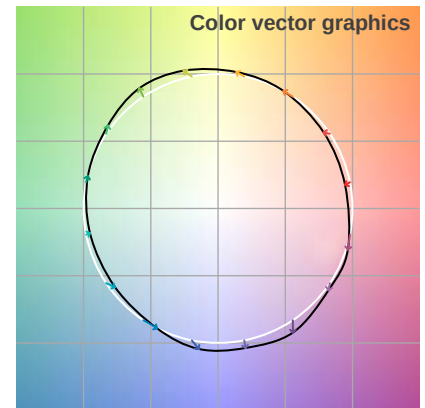
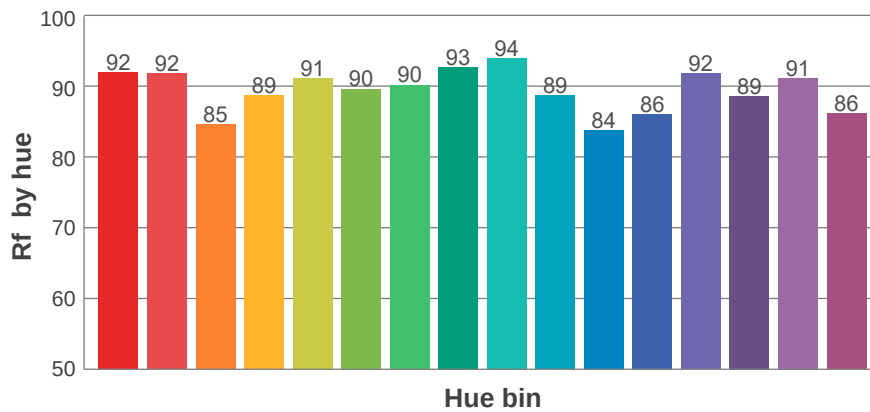
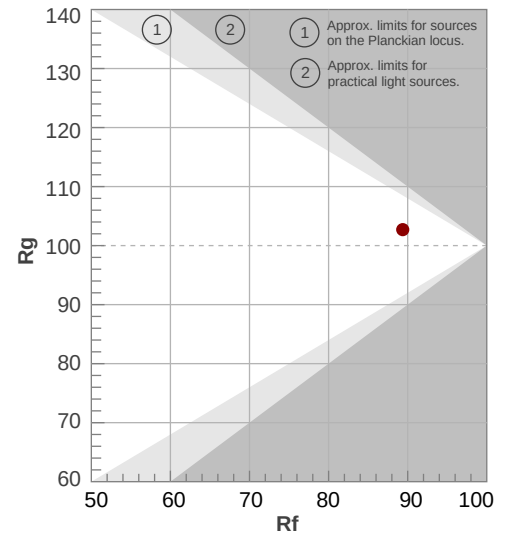
Rf 89.4

Fidelity index Rf

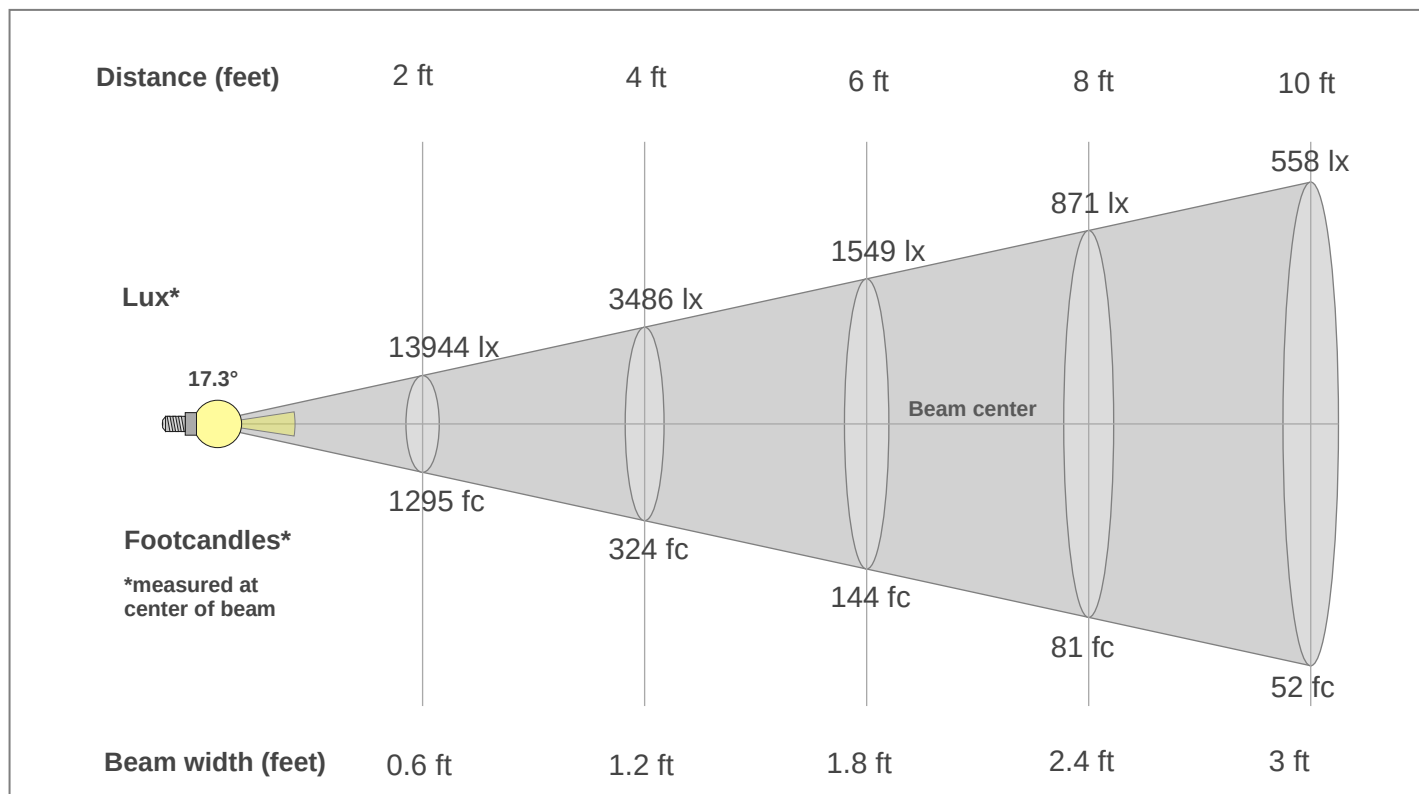
Rg 102.7

Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	92	-4%	-1%
2	92	-3%	3%
3	85	0%	8%
4	89	2%	6%
5	91	5%	5%
6	90	7%	-1%
7	90	2%	-6%
8	93	0%	-5%
9	94	-3%	-1%
10	89	-4%	6%
11	84	-1%	12%
12	86	5%	6%
13	92	6%	0%
14	89	8%	-5%
15	91	2%	-5%
16	86	1%	-11%



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
5182lx	1295lx	576lx	324lx	207lx	144lx	106lx	81lx	64lx	52lx	43lx	36lx	31lx	26lx	23lx	20lx	18lx	16lx	14lx	13lx
481.4fc	120.3fc	53.5fc	30.1fc	19.3fc	13.4fc	9.8fc	7.5fc	5.9fc	4.8fc	4fc	3.3fc	2.8fc	2.5fc	2.1fc	1.9fc	1.7fc	1.5fc	1.3fc	1.2fc

Intensities in 0° c-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
5182	5114	4936	4674	4348	3977	3588	3200	2821	2459	2124	1820	1548	1305	1091	904	745	613	502	413
100%	99%	95%	90%	84%	77%	69%	62%	54%	47%	41%	35%	30%	25%	21%	17%	14%	12%	10%	8%

Intensities in 90° c-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
5182	5114	4936	4674	4348	3977	3588	3200	2821	2459	2124	1820	1548	1305	1091	904	745	613	502	413
100%	99%	95%	90%	84%	77%	69%	62%	54%	47%	41%	35%	30%	25%	21%	17%	14%	12%	10%	8%

Intensities in 180° c-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
5182	5114	4936	4674	4348	3977	3588	3200	2821	2459	2124	1820	1548	1305	1091	904	745	613	502	413
100%	99%	95%	90%	84%	77%	69%	62%	54%	47%	41%	35%	30%	25%	21%	17%	14%	12%	10%	8%

Intensities in 270° c-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
5182	5114	4936	4674	4348	3977	3588	3200	2821	2459	2124	1820	1548	1305	1091	904	745	613	502	413
100%	99%	95%	90%	84%	77%	69%	62%	54%	47%	41%	35%	30%	25%	21%	17%	14%	12%	10%	8%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
17.3°	35.7°	51.3°	99.4%	99.0%