

Photometric / Colorimetric / Electric Report

Fixture Model:

202-R-WD-7-60-NSP-PR1-2-FLR-2

Trim Model:

Date:

7/16/2026



Light efficiency:

57 Lumen/Watt

Light quality:

CRI: 92.1

Color temperature:

2963 K

CIE 1931:

**x: 0.436
y: 0.397**

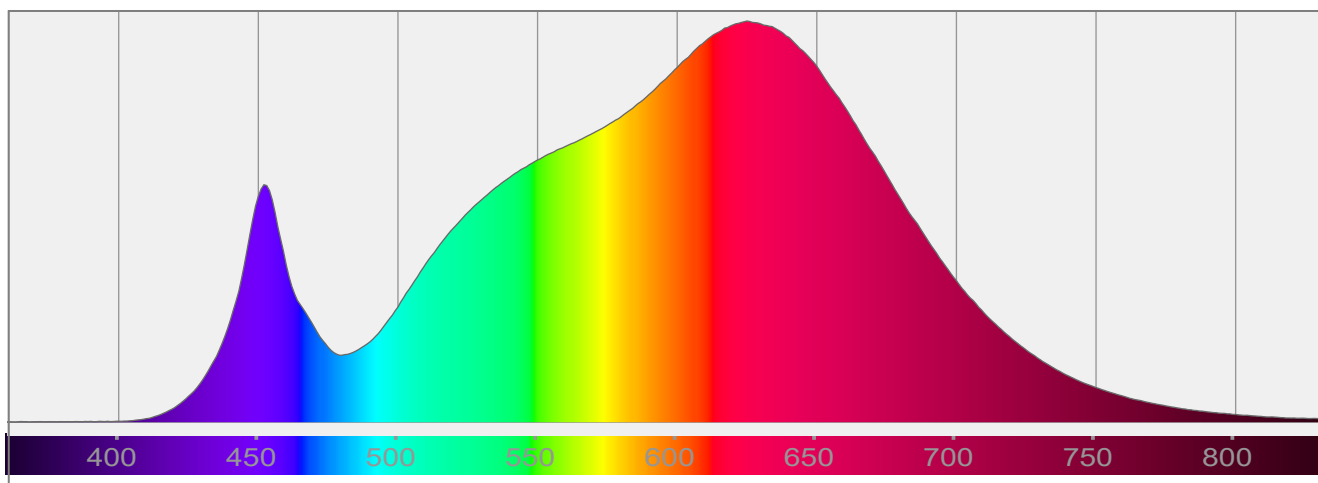
Output: 767 lm

Peak: 1103 cd

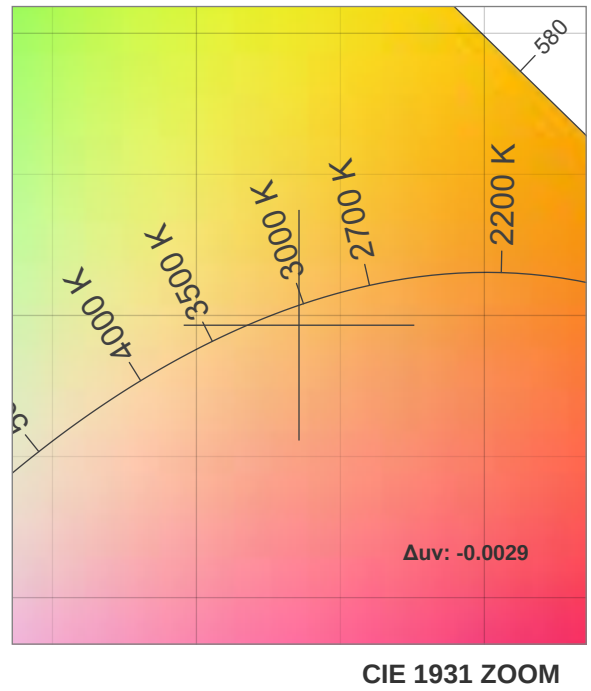
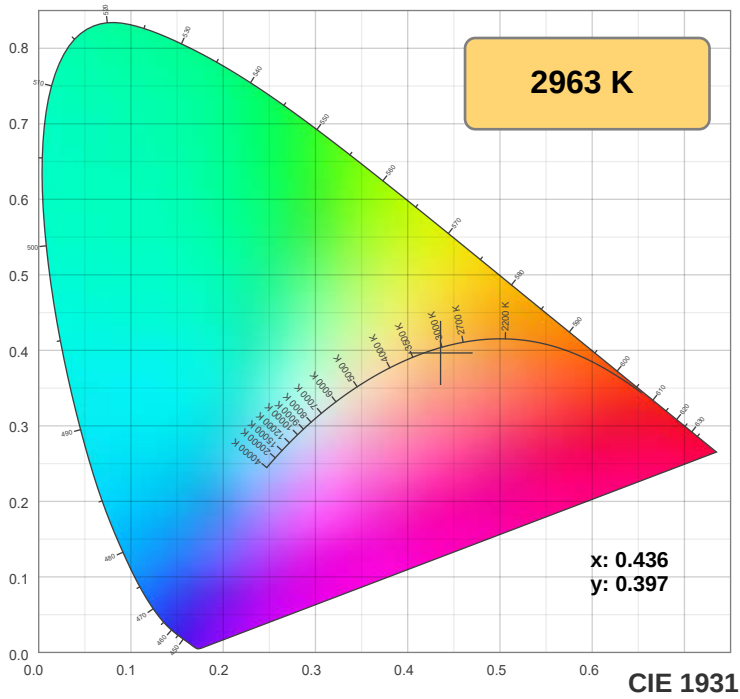
Power: 13.4 W

PF: 0.99

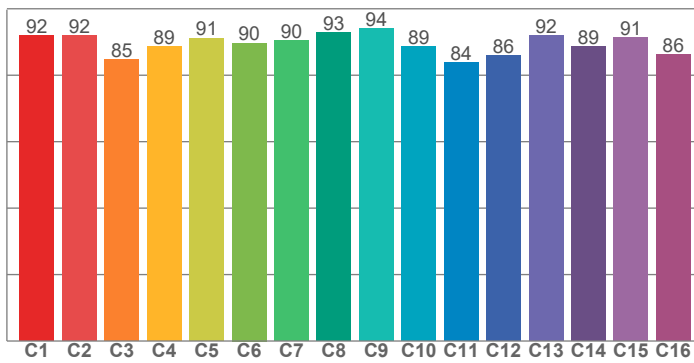
Spectra:



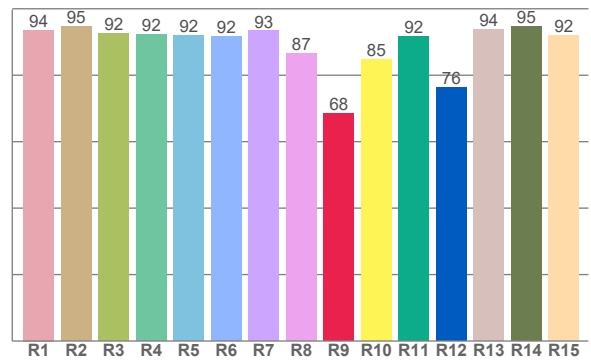
Color Details



TM-30: 89.4



CRI: 92.1 (R1-R8)



CRI R Values:

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93.6	94.6	92.5	92.3	92.1	91.7	93.3	86.6	68.4	84.8	91.6	76.4	93.8	94.7	91.8

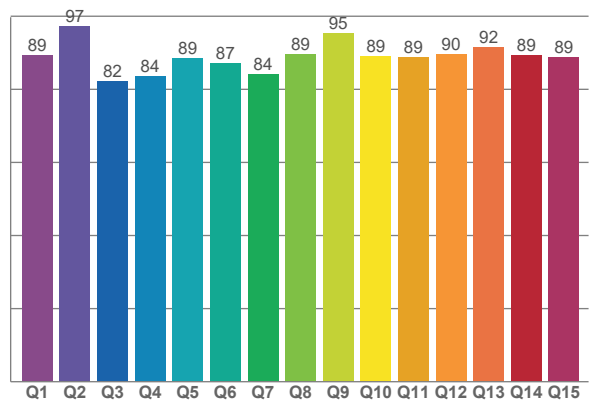
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92.0	91.8	84.6	88.7	91.2	89.7	90.4	92.8	94.0	88.6	83.7	86.0	91.8	88.6	91.3	86.1

CQS Q values:

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
89.3	97.2	82.1	83.6	88.5	87.1	84.0	89.5	95.4	89.2	88.7	89.7	91.6	89.2	88.9

CQS: 88.2



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
2963 K	92.1	68.4	89.4	102.7	88.2	0.436	0.397	0.253	0.345	-0.0029

TM-30 Details

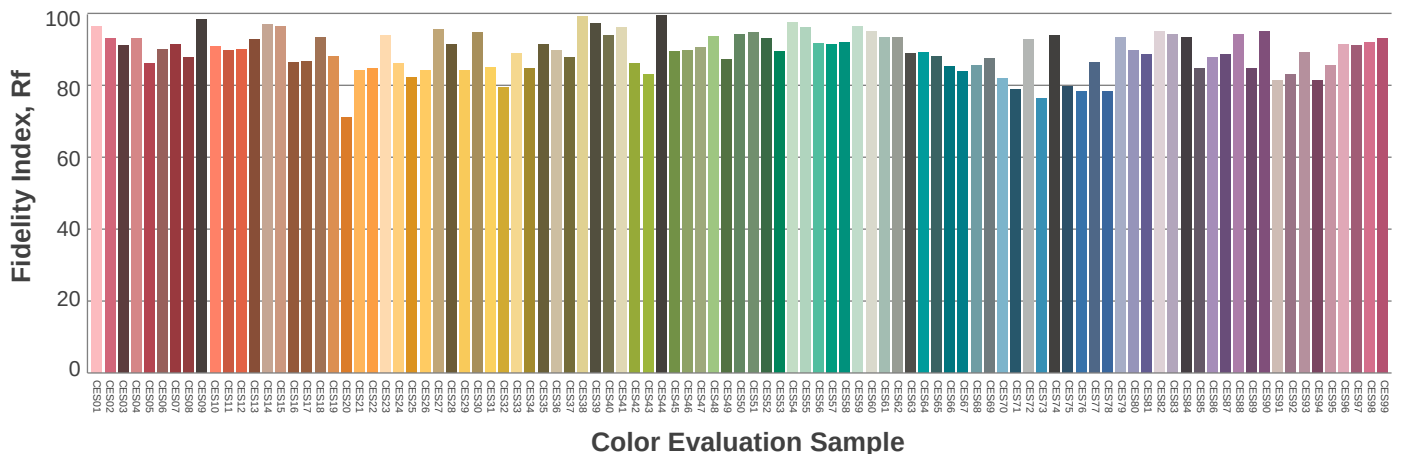
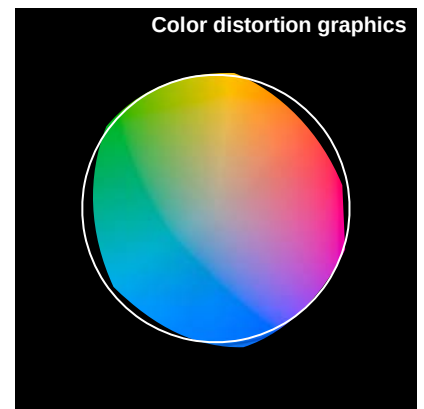
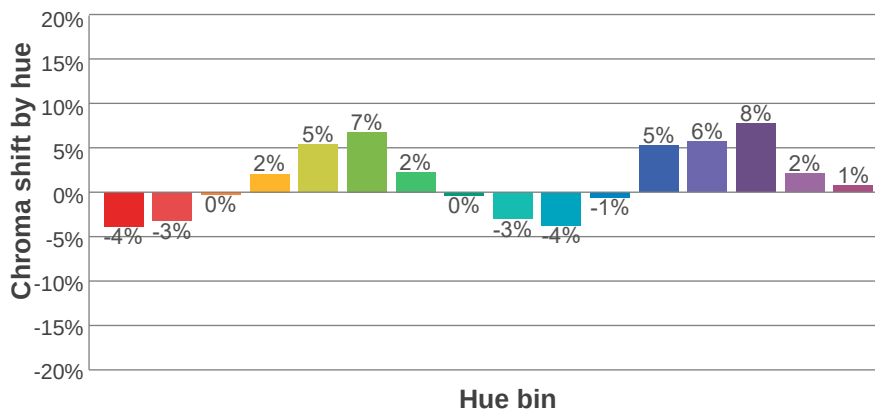
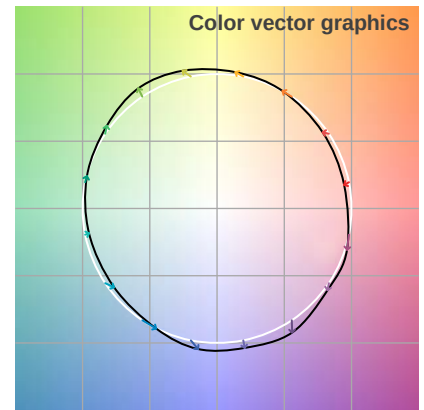
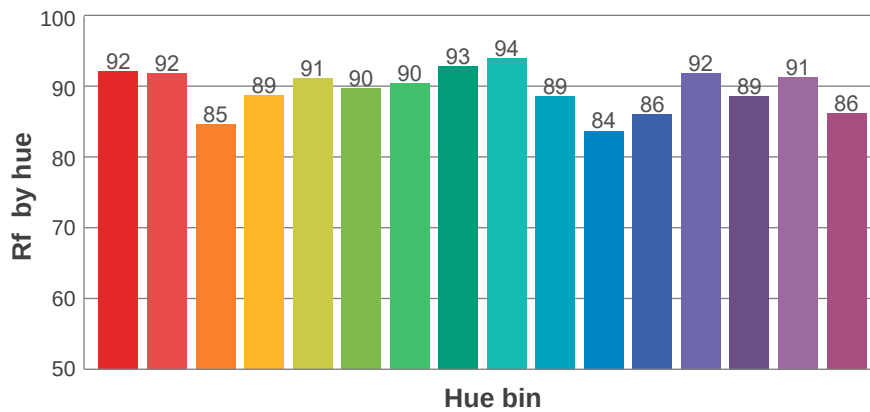
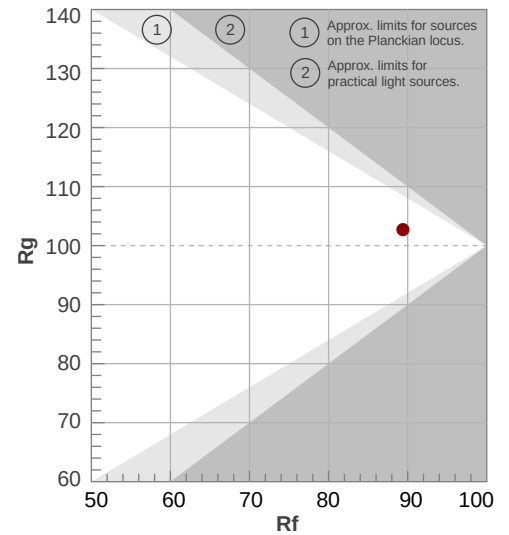
Rf 89.4

Fidelity index Rf

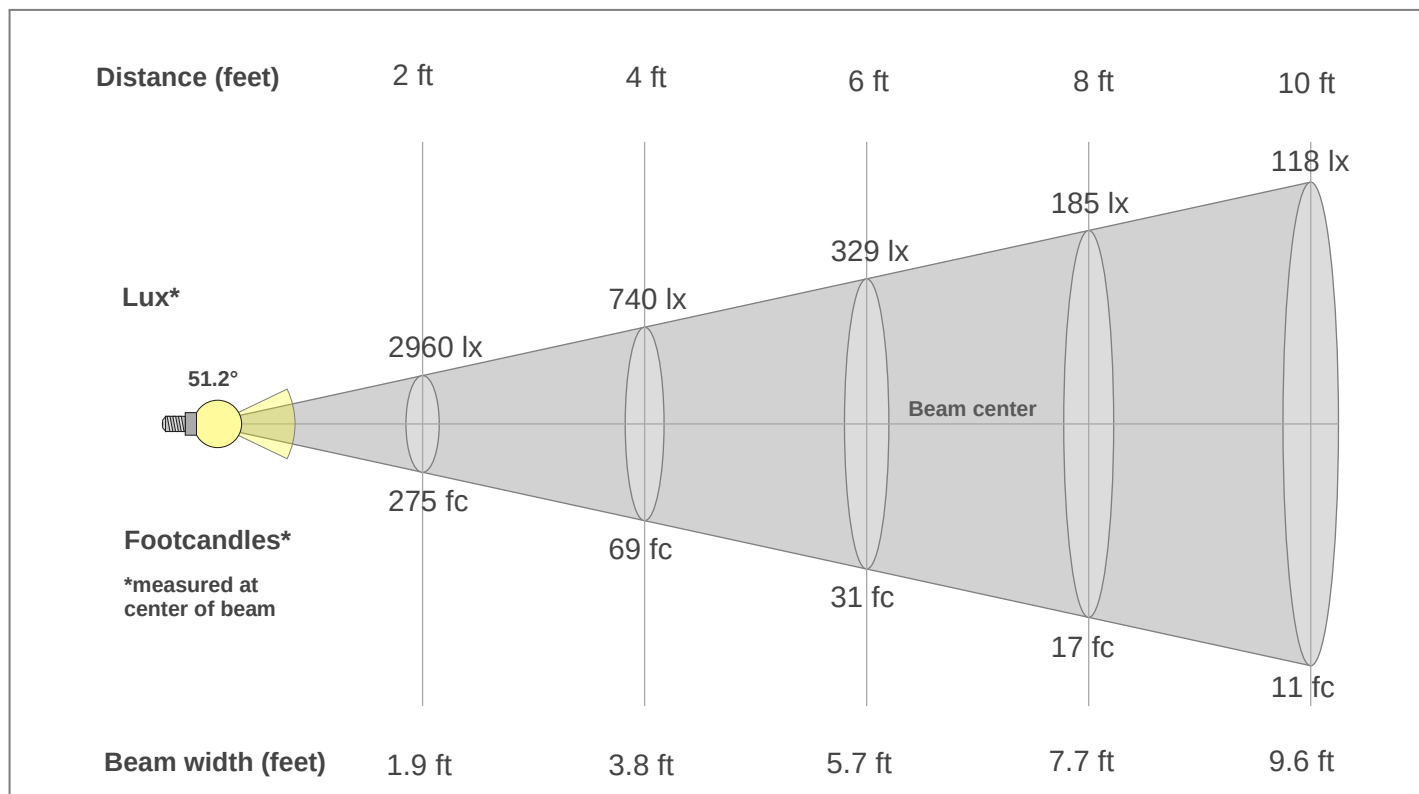
Rg 102.7

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%	0%
10	89	-4%	6%
11	84	-1%	12%
12	86	5%	7%
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
1100lx	275lx	122lx	69lx	44lx	31lx	22lx	17lx	14lx	11lx	9lx	8lx	7lx	6lx	5lx	4lx	4lx	3lx	3lx	3lx
102.2fc	25.6fc	11.4fc	6.4fc	4.1fc	2.8fc	2.1fc	1.6fc	1.3fc	1fc	0.8fc	0.7fc	0.6fc	0.5fc	0.5fc	0.4fc	0.4fc	0.3fc	0.3fc	0.3fc

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°
1100	1100	1102	1103	1096	1081	1064	1042	1009	963	900	800	667	524	393	277	197	147	111	84
100%	100%	100%	100%	100%	98%	97%	95%	92%	88%	82%	73%	61%	48%	36%	25%	18%	13%	10%	8%

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°
1100	1100	1102	1103	1096	1081	1064	1042	1009	963	900	800	667	524	393	277	197	147	111	84
100%	100%	100%	100%	100%	98%	97%	95%	92%	88%	82%	73%	61%	48%	36%	25%	18%	13%	10%	8%

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°
1100	1100	1102	1103	1096	1081	1064	1042	1009	963	900	800	667	524	393	277	197	147	111	84
100%	100%	100%	100%	100%	98%	97%	95%	92%	88%	82%	73%	61%	48%	36%	25%	18%	13%	10%	8%

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°
1100	1100	1102	1103	1096	1081	1064	1042	1009	963	900	800	667	524	393	277	197	147	111	84
100%	100%	100%	100%	100%	98%	97%	95%	92%	88%	82%	73%	61%	48%	36%	25%	18%	13%	10%	8%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
51.2°	72.1°	89.2°	99.4%	98.6%