

Photometric / Colorimetric / Electric Report

Fixture Model:

202-R-BV-WD-7-40-NSP-PR1-2-FLR-2-BV

Trim Model:

Date:

7/17/2026



Light efficiency:

67 Lumen/Watt

Light quality:

CRI: 91.9

Color temperature:

2964 K

CIE 1931:

x: 0.436
y: 0.397

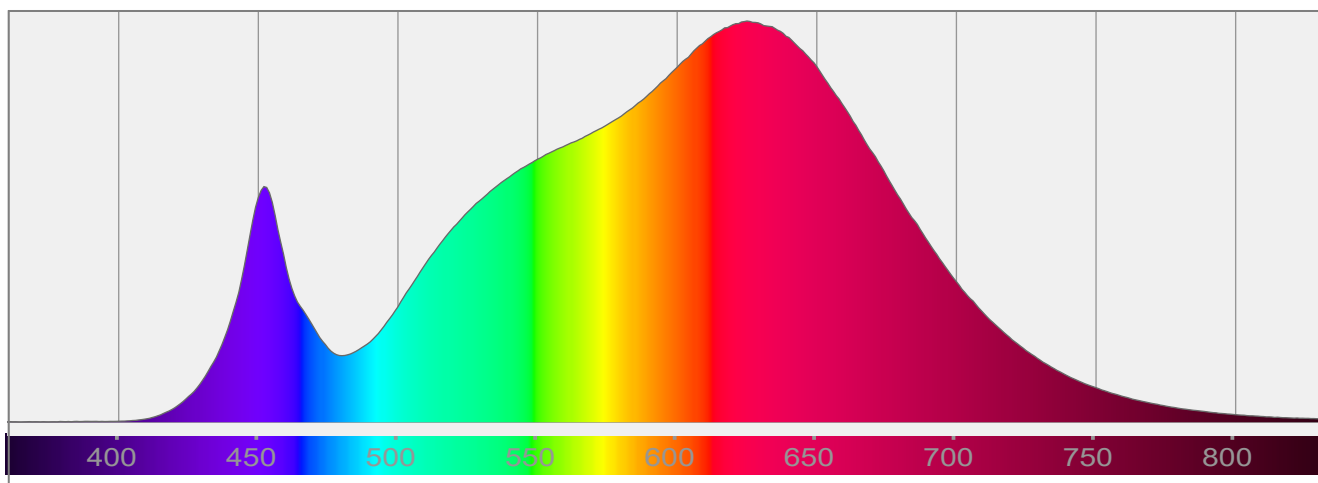
Output: 904 lm

Peak: 2124 cd

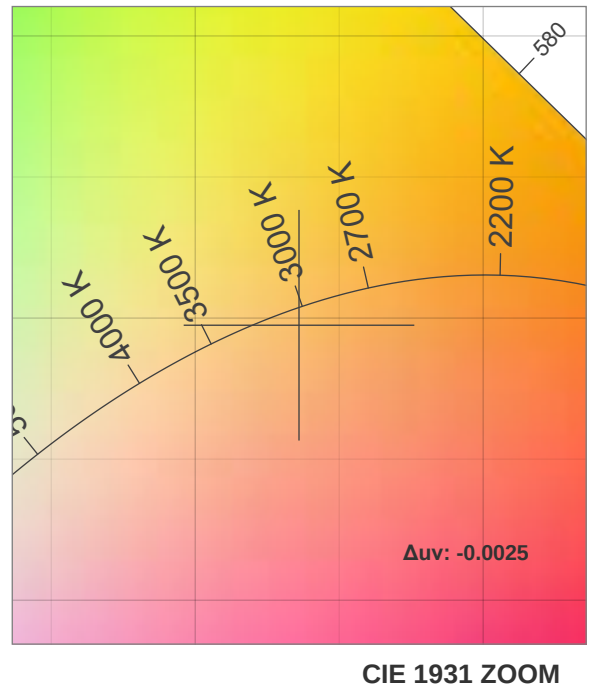
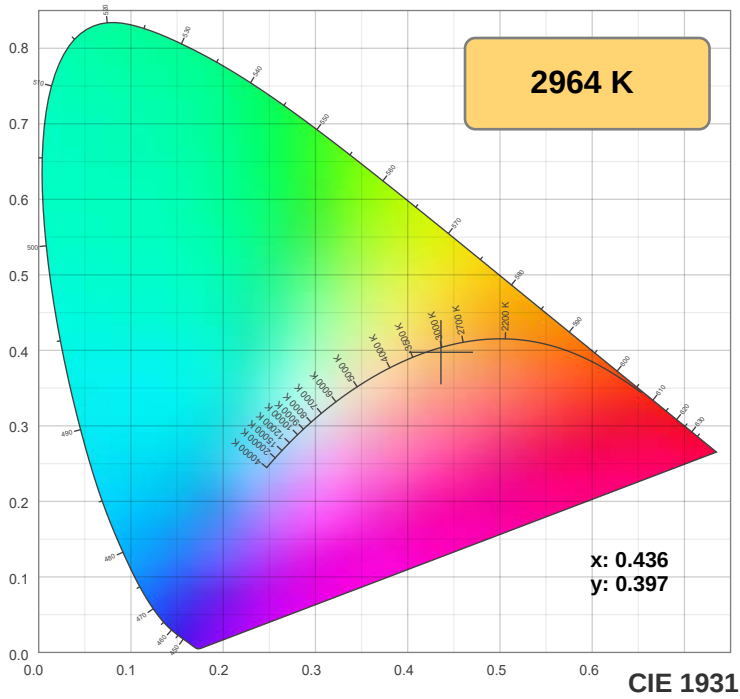
Power: 13.4 W

PF: 0.99

Spectra:

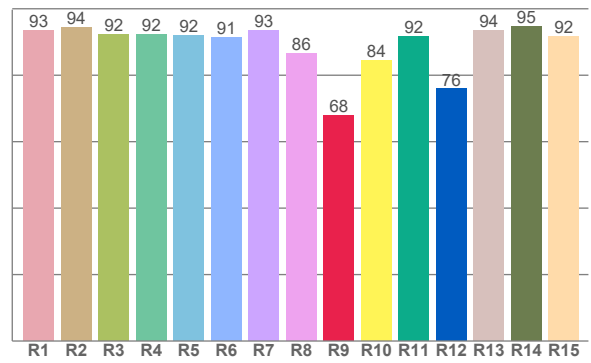
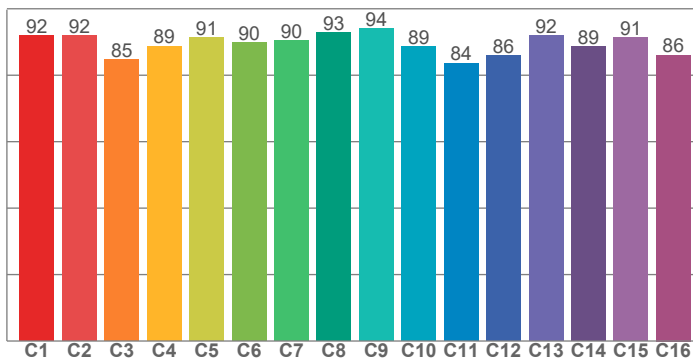


Color Details



TM-30: 89.4

CRI: 91.9 (R1-R8)



CRI R Values:

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93.4	94.4	92.3	92.3	91.8	91.4	93.4	86.5	67.9	84.3	91.6	75.9	93.6	94.6	91.6

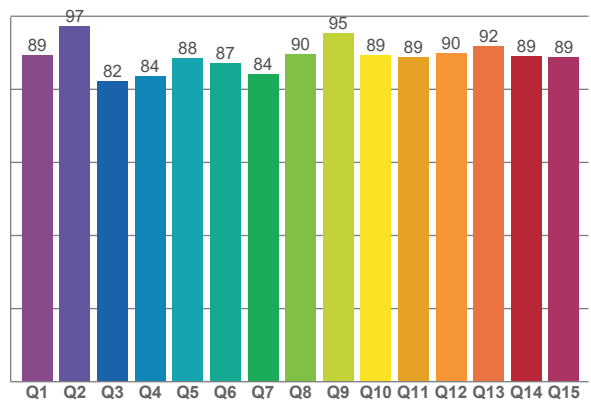
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
91.9	91.8	84.7	88.7	91.3	89.8	90.4	92.9	93.9	88.5	83.7	86.0	91.9	88.6	91.2	86.1

CQS Q values:

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
89.3	97.2	82.2	83.6	88.5	87.1	84.2	89.6	95.4	89.2	88.9	89.9	91.7	89.1	88.8

CQS: 88.2



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
2964 K	91.9	67.9	89.4	102.6	88.2	0.436	0.397	0.253	0.346	-0.0025

TM-30 Details

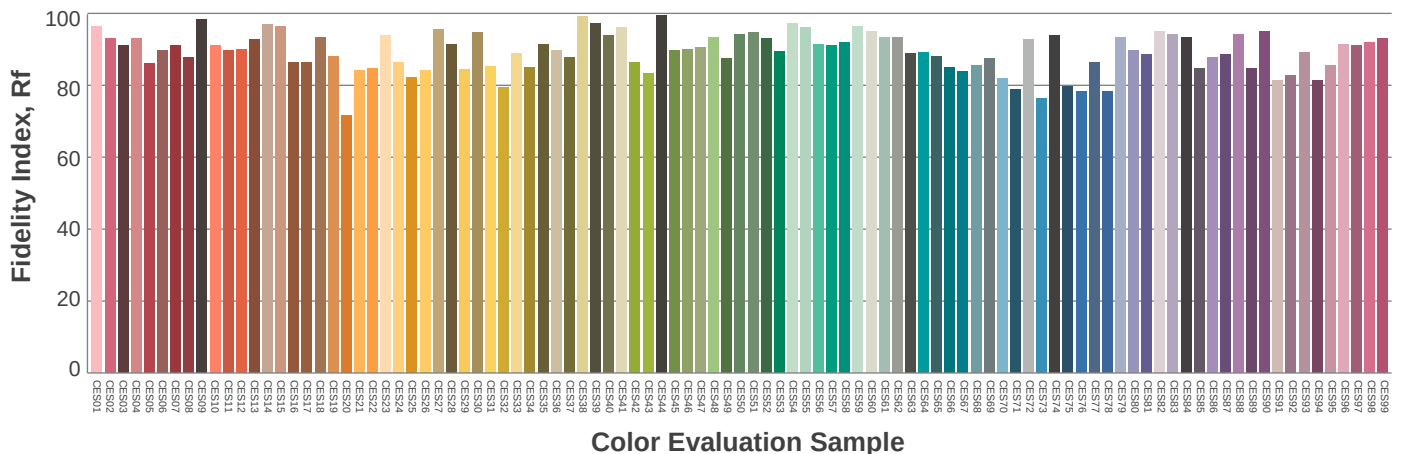
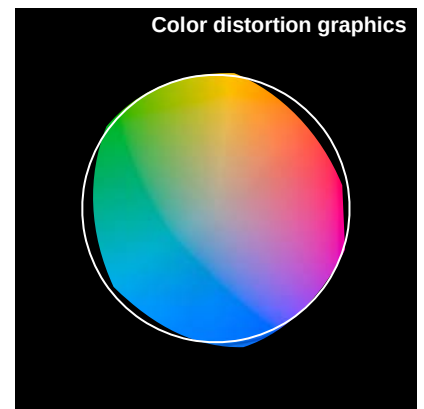
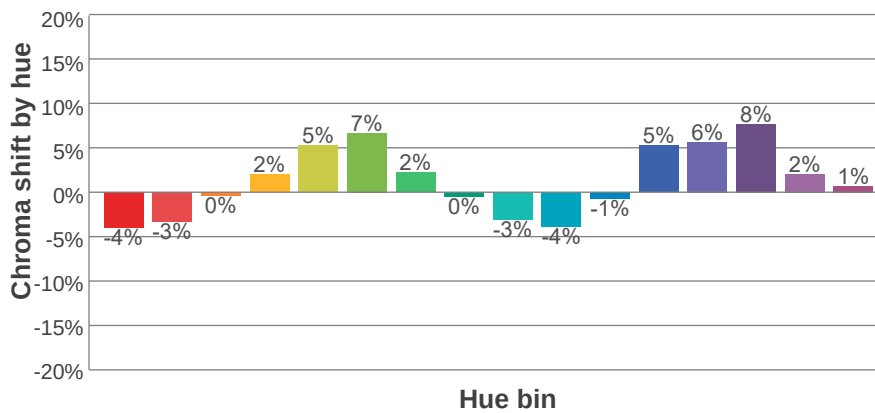
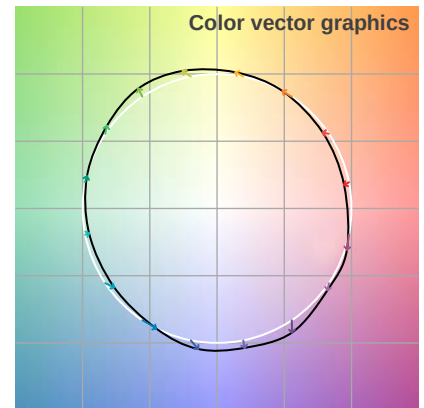
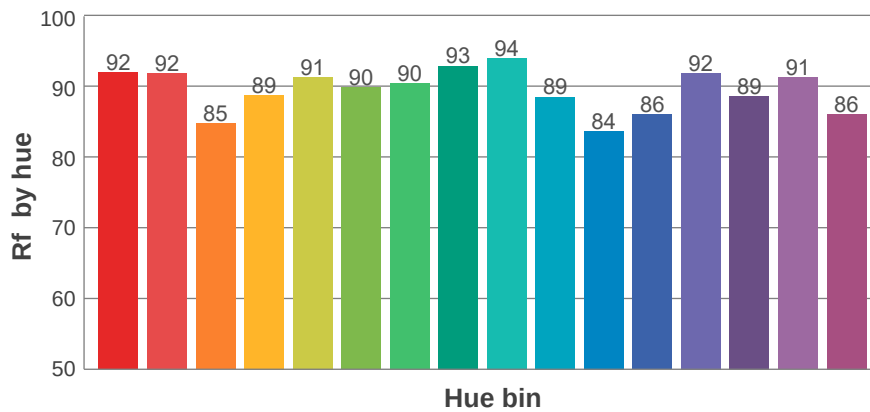
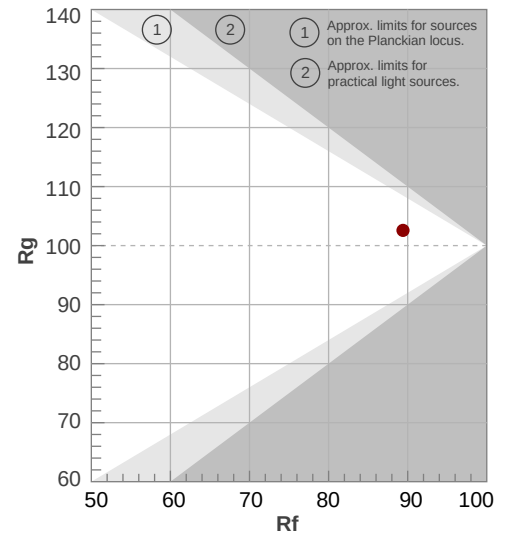
Rf 89.4

Fidelity index Rf

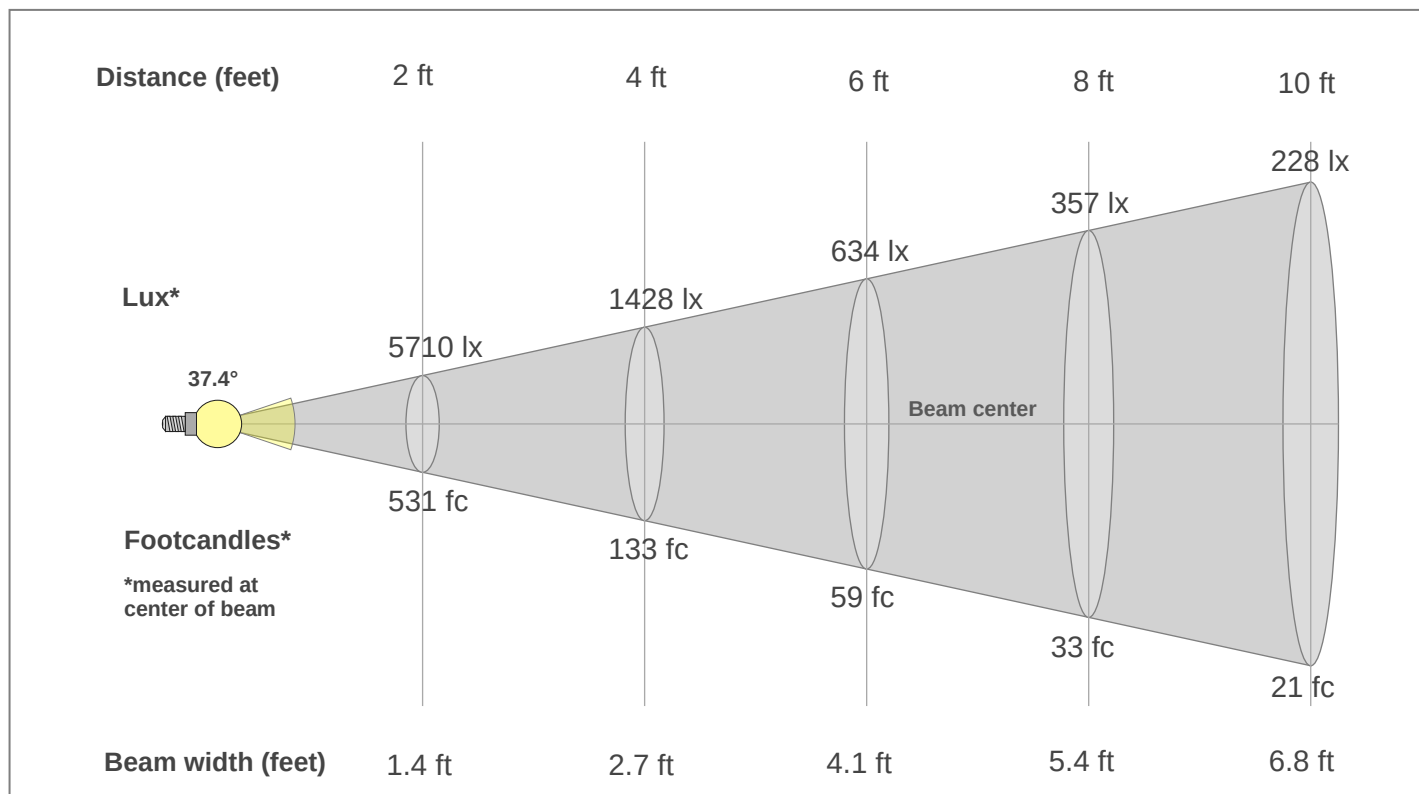
Rg 102.6

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
2122lx	531lx	236lx	133lx	85lx	59lx	43lx	33lx	26lx	21lx	18lx	15lx	13lx	11lx	9lx	8lx	7lx	7lx	6lx	5lx
197.1fc	49.3fc	21.9fc	12.3fc	7.9fc	5.5fc	4fc	3.1fc	2.4fc	2fc	1.6fc	1.4fc	1.2fc	1fc	0.9fc	0.8fc	0.7fc	0.6fc	0.5fc	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°
2122	2121	2099	2054	1977	1867	1722	1543	1344	1134	925	731	561	424	318	240	178	120	73	49
100%	100%	99%	97%	93%	88%	81%	73%	63%	53%	44%	34%	26%	20%	15%	11%	8%	6%	3%	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°
2122	2121	2099	2054	1977	1867	1722	1543	1344	1134	925	731	561	424	318	240	178	120	73	49
100%	100%	99%	97%	93%	88%	81%	73%	63%	53%	44%	34%	26%	20%	15%	11%	8%	6%	3%	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°
2122	2121	2099	2054	1977	1867	1722	1543	1344	1134	925	731	561	424	318	240	178	120	73	49
100%	100%	99%	97%	93%	88%	81%	73%	63%	53%	44%	34%	26%	20%	15%	11%	8%	6%	3%	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°
2122	2121	2099	2054	1977	1867	1722	1543	1344	1134	925	731	561	424	318	240	178	120	73	49
100%	100%	99%	97%	93%	88%	81%	73%	63%	53%	44%	34%	26%	20%	15%	11%	8%	6%	3%	2%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
37.4°	61.8°	75.1°	99.0%	98.3%