

Photometric / Colorimetric / Electric Report

Fixture Model:

202-R-BV-WD-5-25-NSP-PR1-2-FLR-2-BV

Trim Model:

Date:

7/14/2026



Light efficiency:

56 Lumen/Watt

Light quality:

CRI: 94.1

Color temperature:

3046 K

CIE 1931:

x: 0.430
y: 0.395

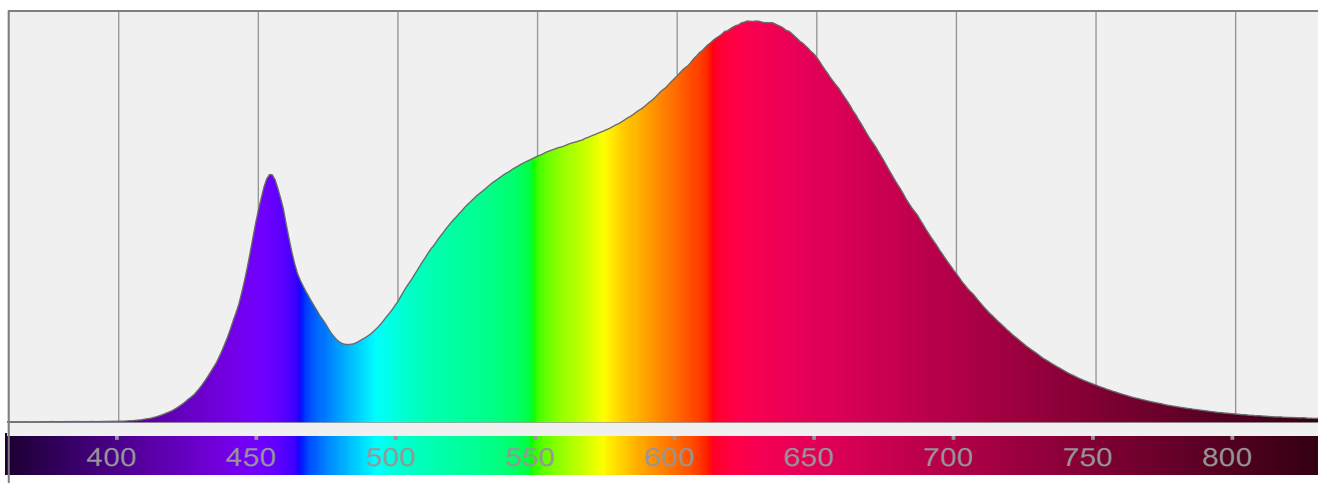
Output: 767 lm

Peak: 2812 cd

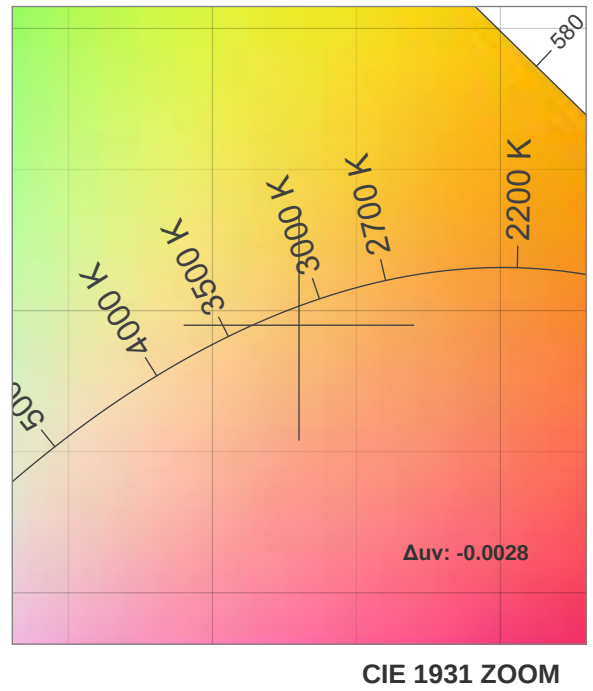
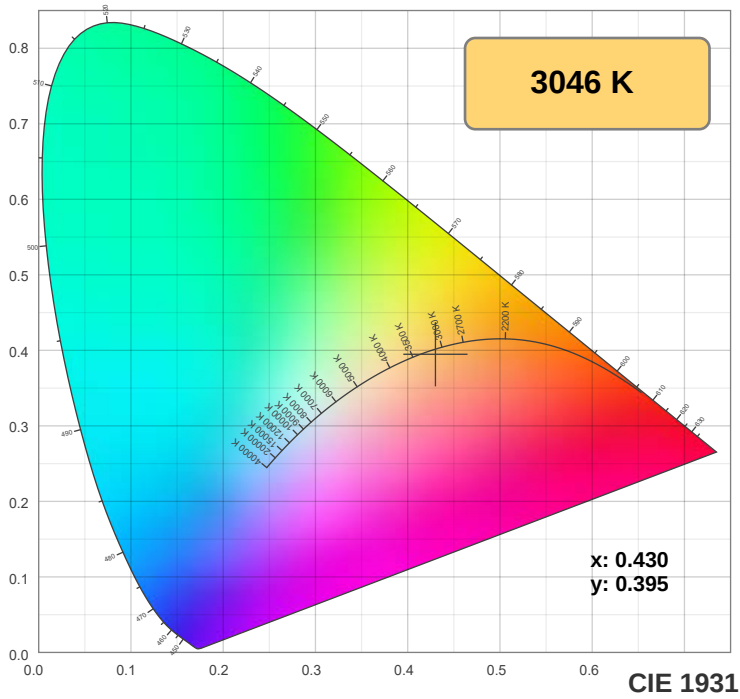
Power: 13.8 W

PF: 0.95

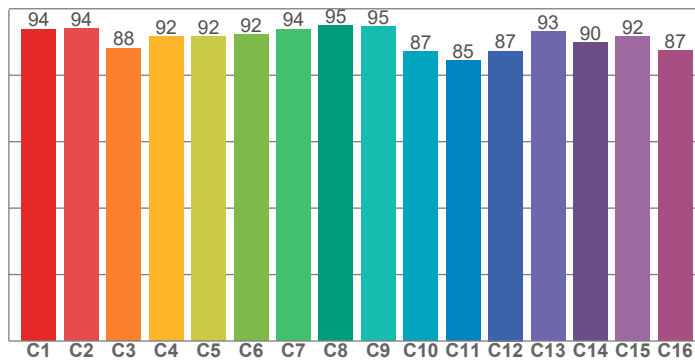
Spectra:



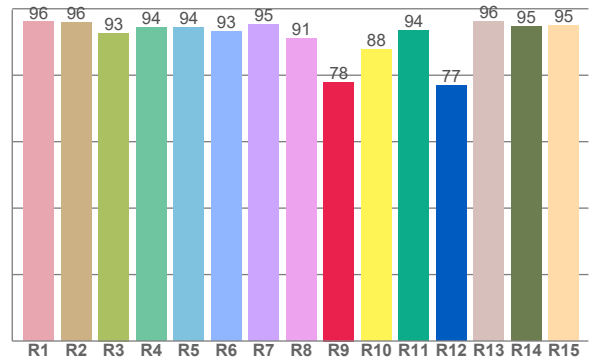
Color Details



TM-30: 91.1



CRI: 94.1 (R1-R8)



CRI R Values:

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96.0	96.0	92.7	94.4	94.4	93.2	95.3	90.9	78.0	87.7	93.5	77.0	96.1	94.8	95.0

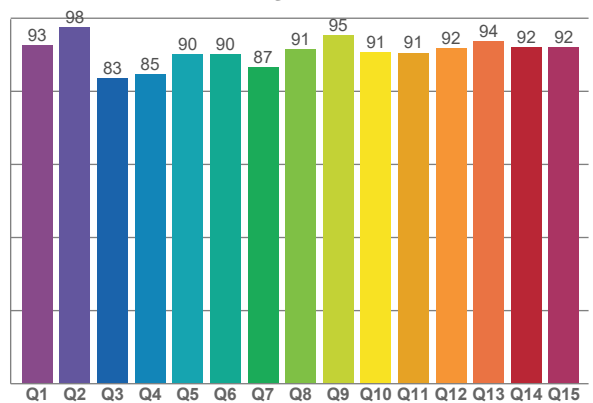
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
93.9	94.1	88.2	91.7	91.6	92.2	93.9	95.1	94.8	87.2	84.5	87.3	93.2	89.9	91.6	87.4

CQS Q values:

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
92.7	97.5	83.5	84.6	90.1	90.1	86.6	91.4	95.2	90.6	90.5	91.8	93.6	92.1	92.1

CQS: 90.0



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
3046 K	94.1	78.0	91.1	102.4	90.0	0.430	0.395	0.250	0.344	-0.0028

TM-30 Details

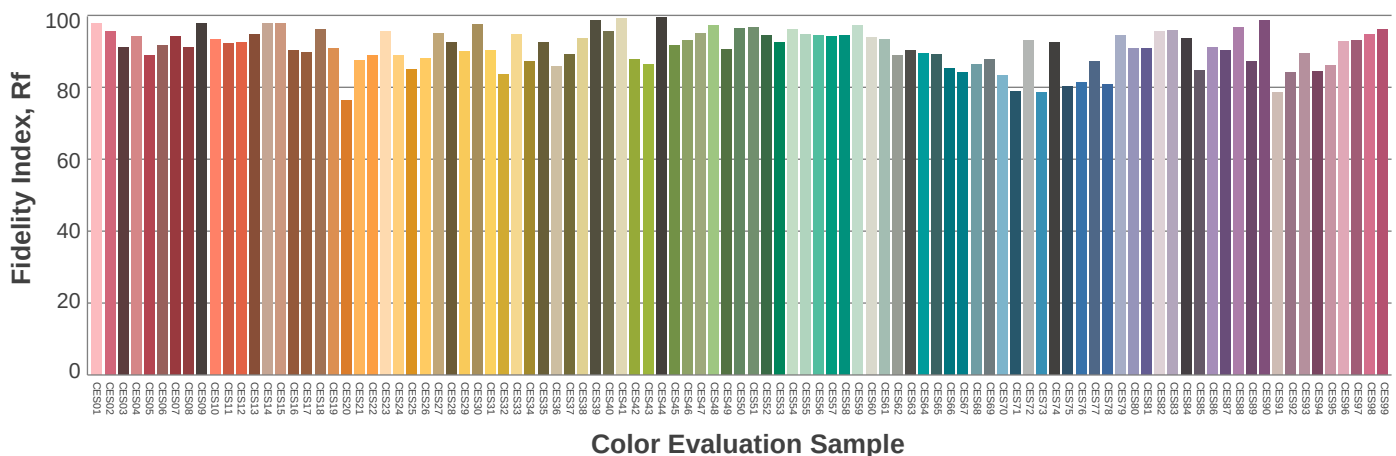
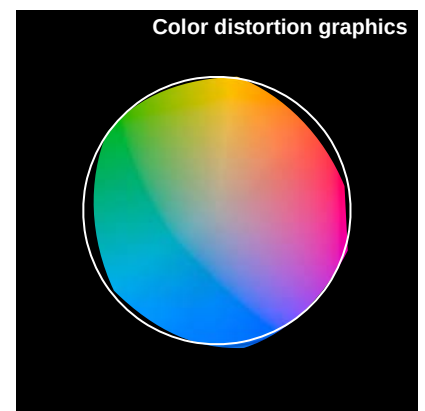
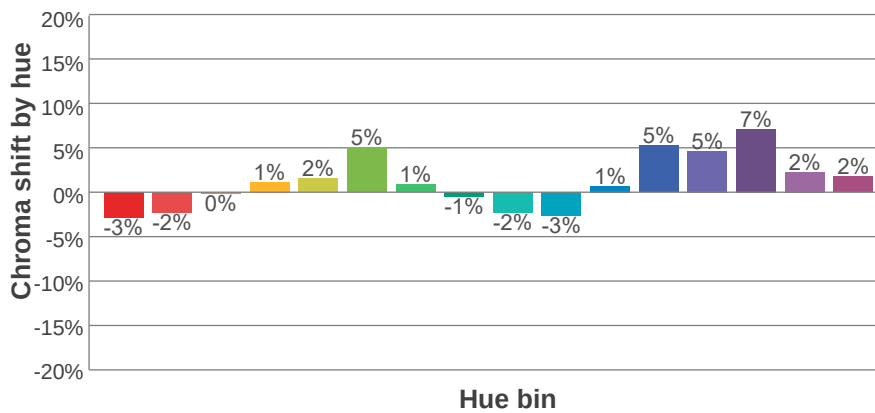
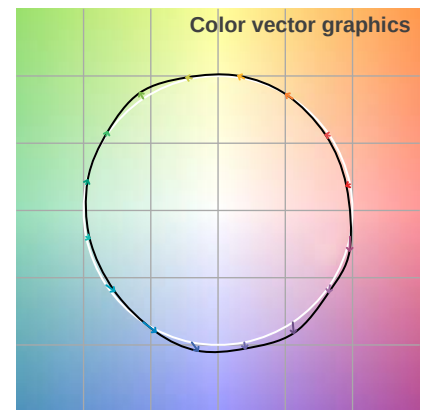
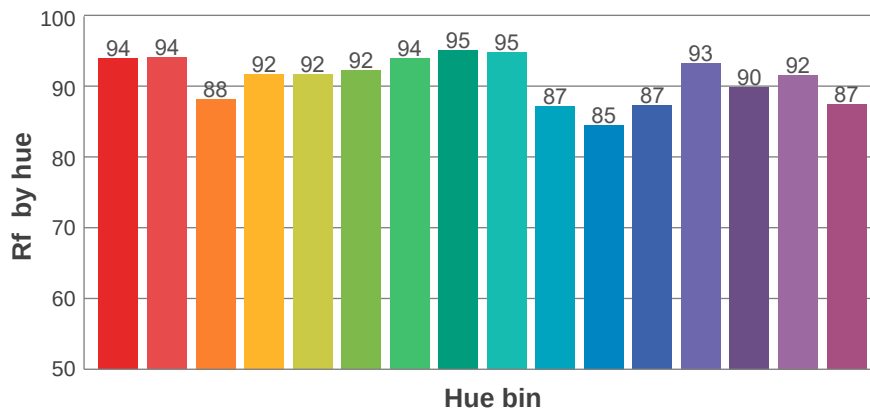
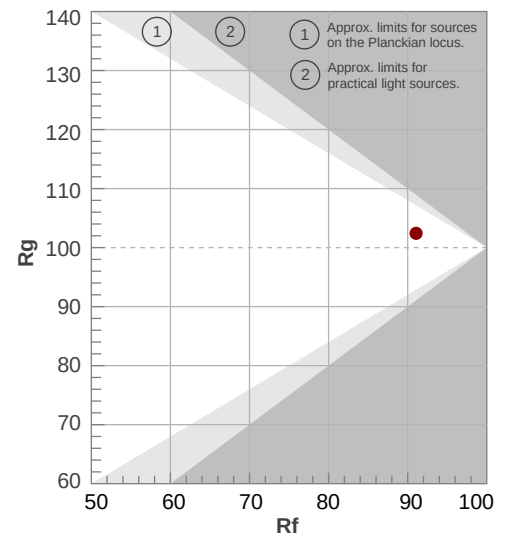
Rf 91.1

Fidelity index Rf

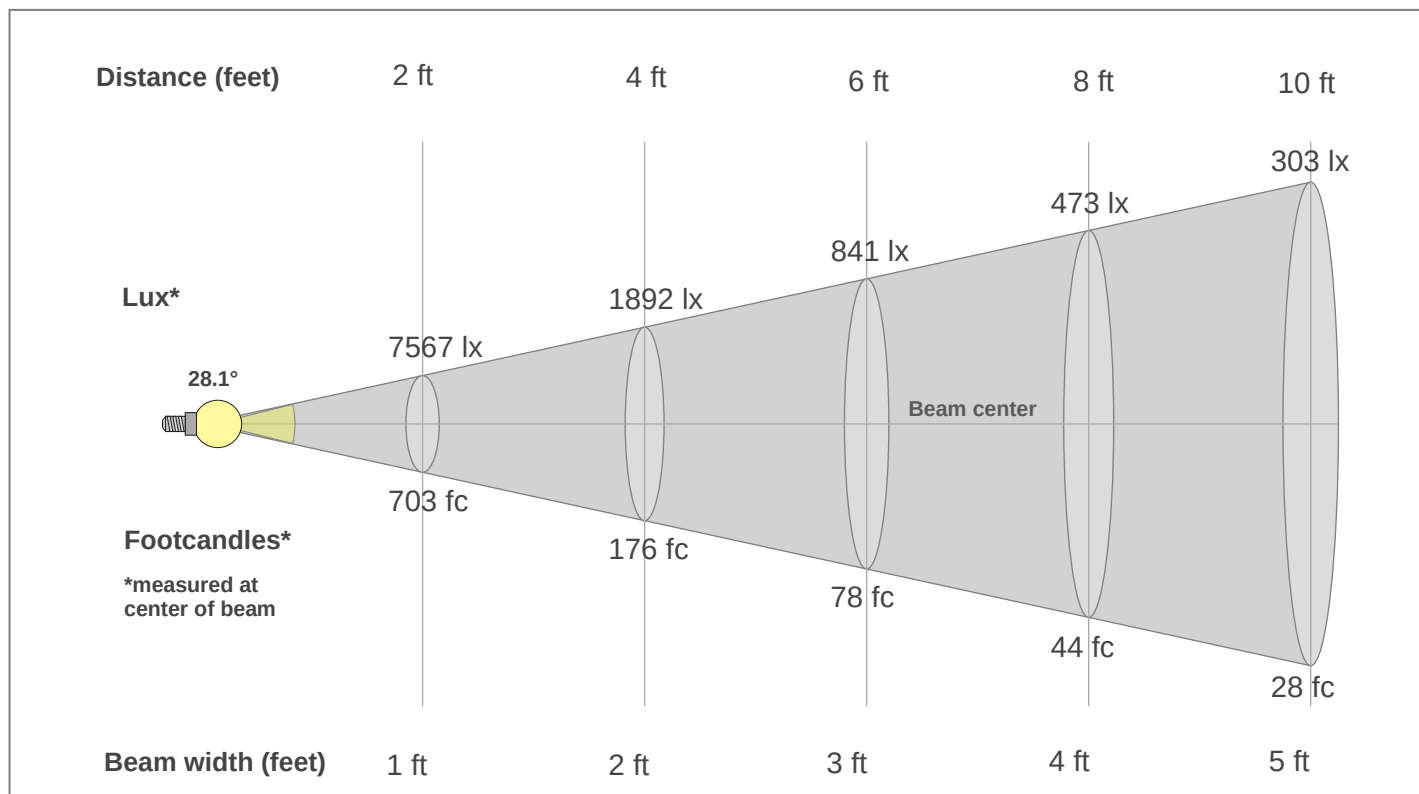
Rg 102.4

Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	94	-3%	-1%
2	94	-2%	2%
3	88	0%	6%
4	92	1%	5%
5	92	2%	4%
6	92	5%	0%
7	94	1%	-3%
8	95	-1%	-3%
9	95	-2%	2%
10	87	-3%	7%
11	85	1%	12%
12	87	5%	6%
13	93	5%	0%
14	90	7%	-4%
15	92	2%	-5%
16	87	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
2812lx	703lx	312lx	176lx	112lx	78lx	57lx	44lx	35lx	28lx	23lx	20lx	17lx	14lx	12lx	11lx	10lx	9lx	8lx	7lx
261.2fc	65.3fc	29fc	16.3fc	10.4fc	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°
2812	2782	2683	2524	2310	2046	1742	1417	1099	819	591	424	313	238	184	141	107	77	53	37
100%	99%	95%	90%	82%	73%	62%	50%	39%	29%	21%	15%	11%	8%	7%	5%	4%	3%	2%	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°
2812	2782	2683	2524	2310	2046	1742	1417	1099	819	591	424	313	238	184	141	107	77	53	37
100%	99%	95%	90%	82%	73%	62%	50%	39%	29%	21%	15%	11%	8%	7%	5%	4%	3%	2%	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°
2812	2782	2683	2524	2310	2046	1742	1417	1099	819	591	424	313	238	184	141	107	77	53	37
100%	99%	95%	90%	82%	73%	62%	50%	39%	29%	21%	15%	11%	8%	7%	5%	4%	3%	2%	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°
2812	2782	2683	2524	2310	2046	1742	1417	1099	819	591	424	313	238	184	141	107	77	53	37
100%	99%	95%	90%	82%	73%	62%	50%	39%	29%	21%	15%	11%	8%	7%	5%	4%	3%	2%	1%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
28.1°	49.5°	68.9°	99.0%	98.3%