

Photometric / Colorimetric / Electric Report

Fixture Model:

202-S-BV-WD-5-15-NSP-PR1-2-FLS-2-BV

Trim Model:

Date:

8/5/2026



Light efficiency:

61 Lumen/Watt

Light quality:

CRI: 94.3

Color temperature:

3021 K

CIE 1931:

**x: 0.432
y: 0.397**

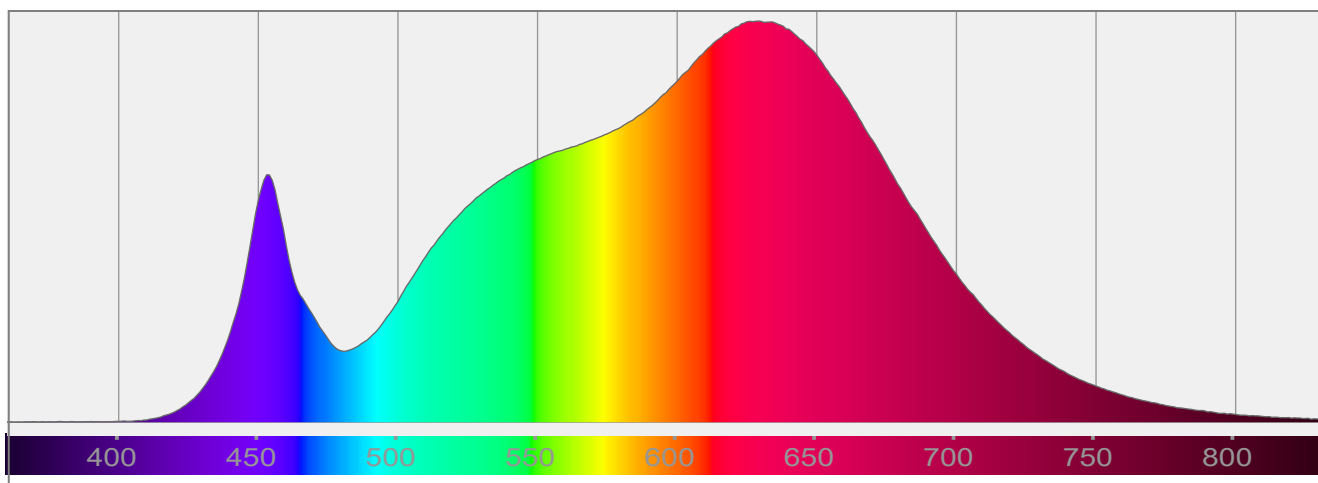
Output: 824 lm

Peak: 4923 cd

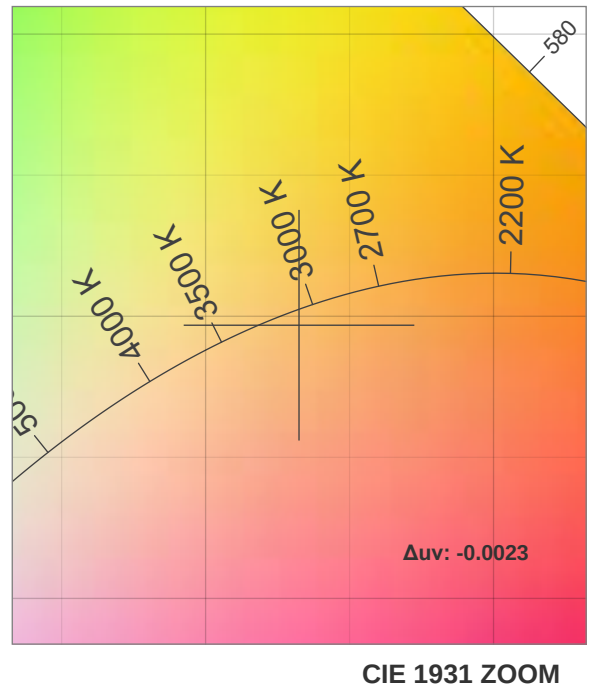
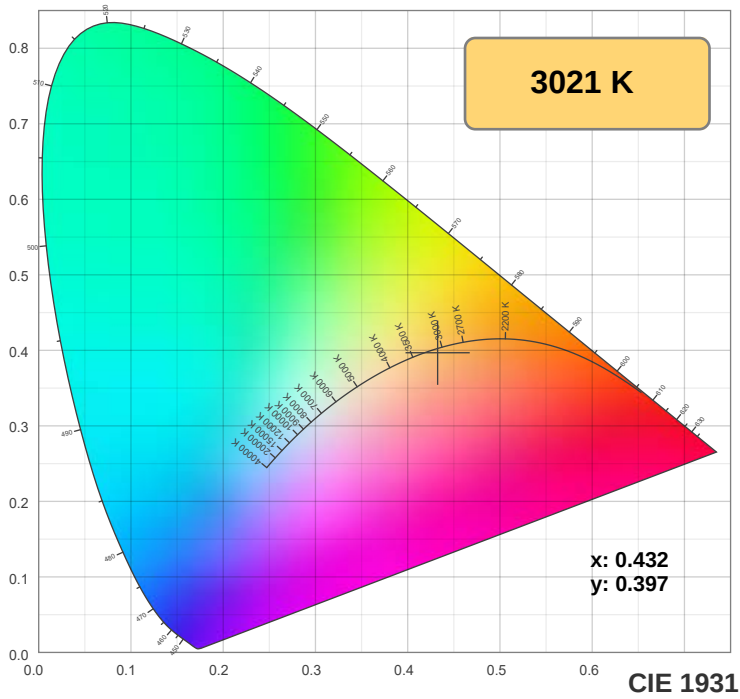
Power: 13.5 W

PF: 0.99

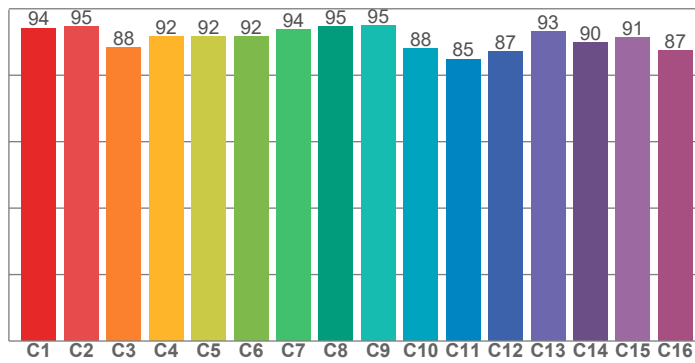
Spectra:



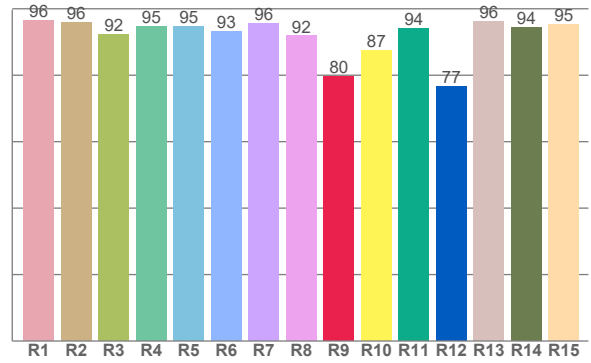
Color Details



TM-30: 91.2



CRI: 94.3 (R1-R8)



CRI R Values:

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96.4	95.8	92.1	94.8	94.7	93.1	95.5	91.8	79.6	87.5	94.0	76.7	96.2	94.4	95.3

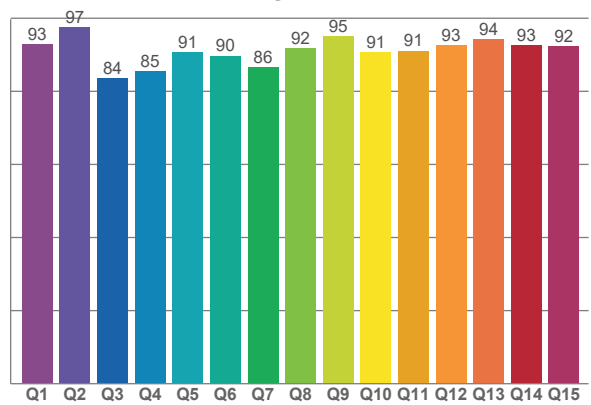
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94.2	94.5	88.4	91.7	91.6	91.7	93.8	94.8	95.1	88.1	84.8	87.2	93.2	89.9	91.4	87.3

CQS Q values:

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
92.8	97.5	83.7	85.4	90.7	89.7	86.5	91.7	95.1	90.8	91.1	92.5	94.3	92.6	92.4

CQS: 90.3



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
3021 K	94.3	79.6	91.2	102.8	90.3	0.432	0.397	0.251	0.345	-0.0023

TM-30 Details

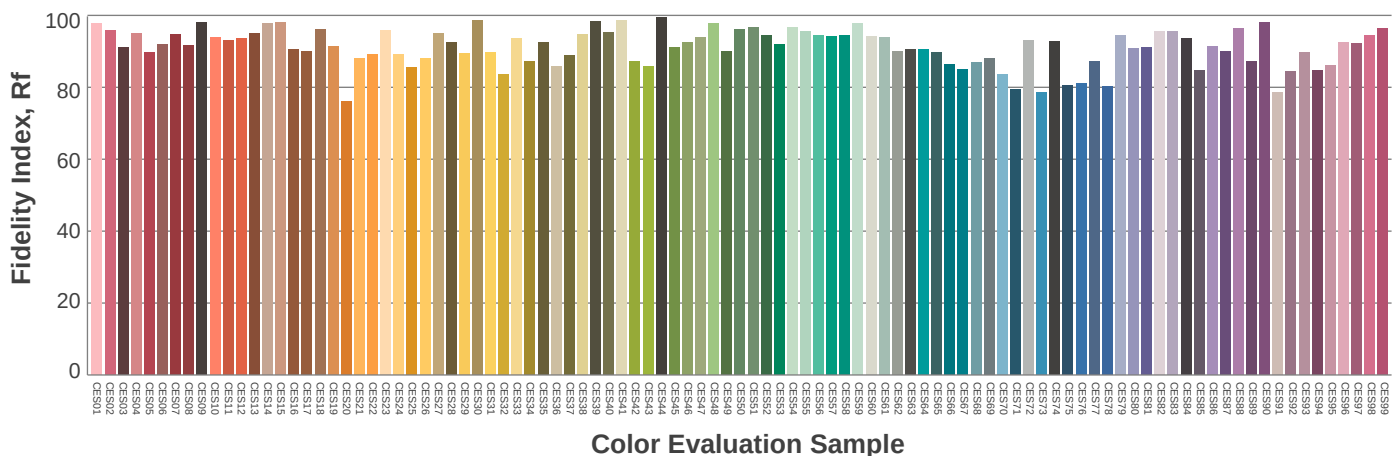
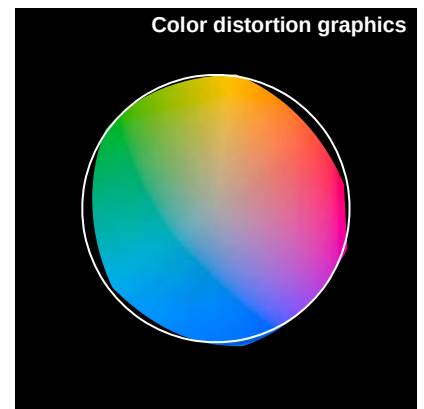
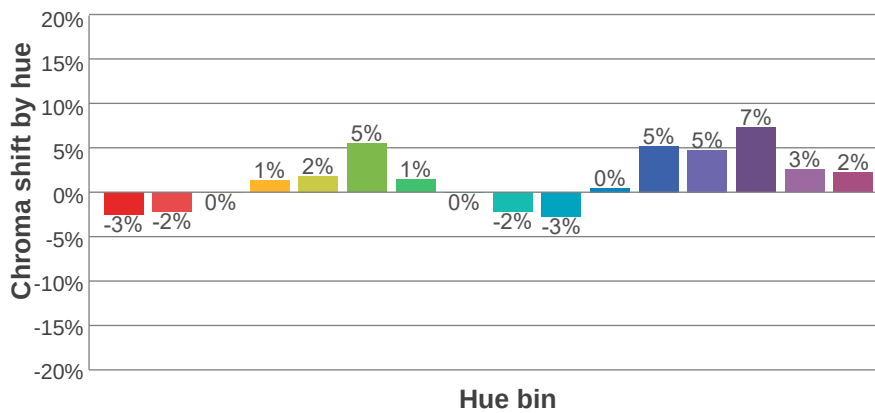
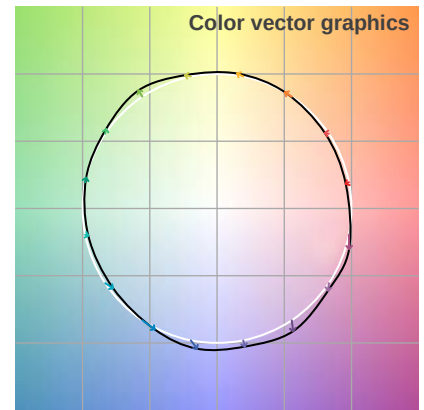
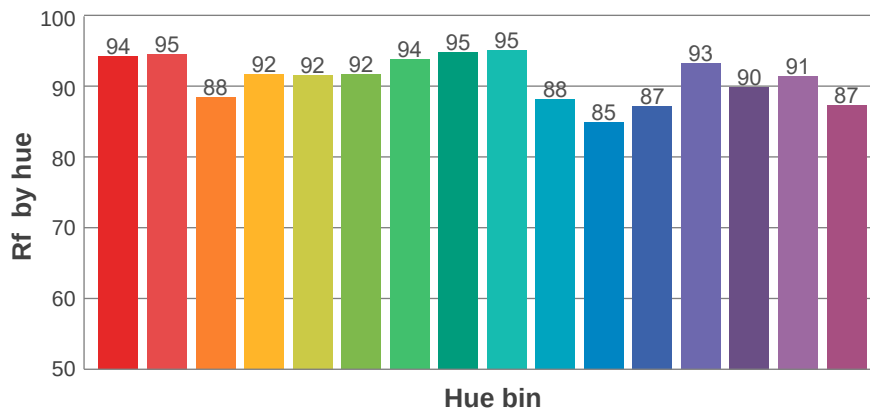
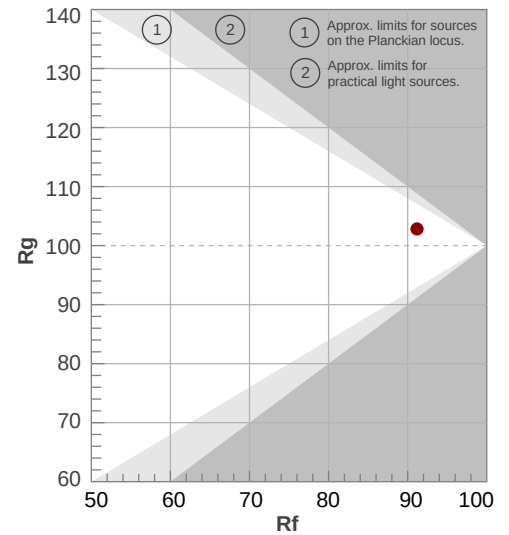
Rf 91.2

Fidelity index Rf

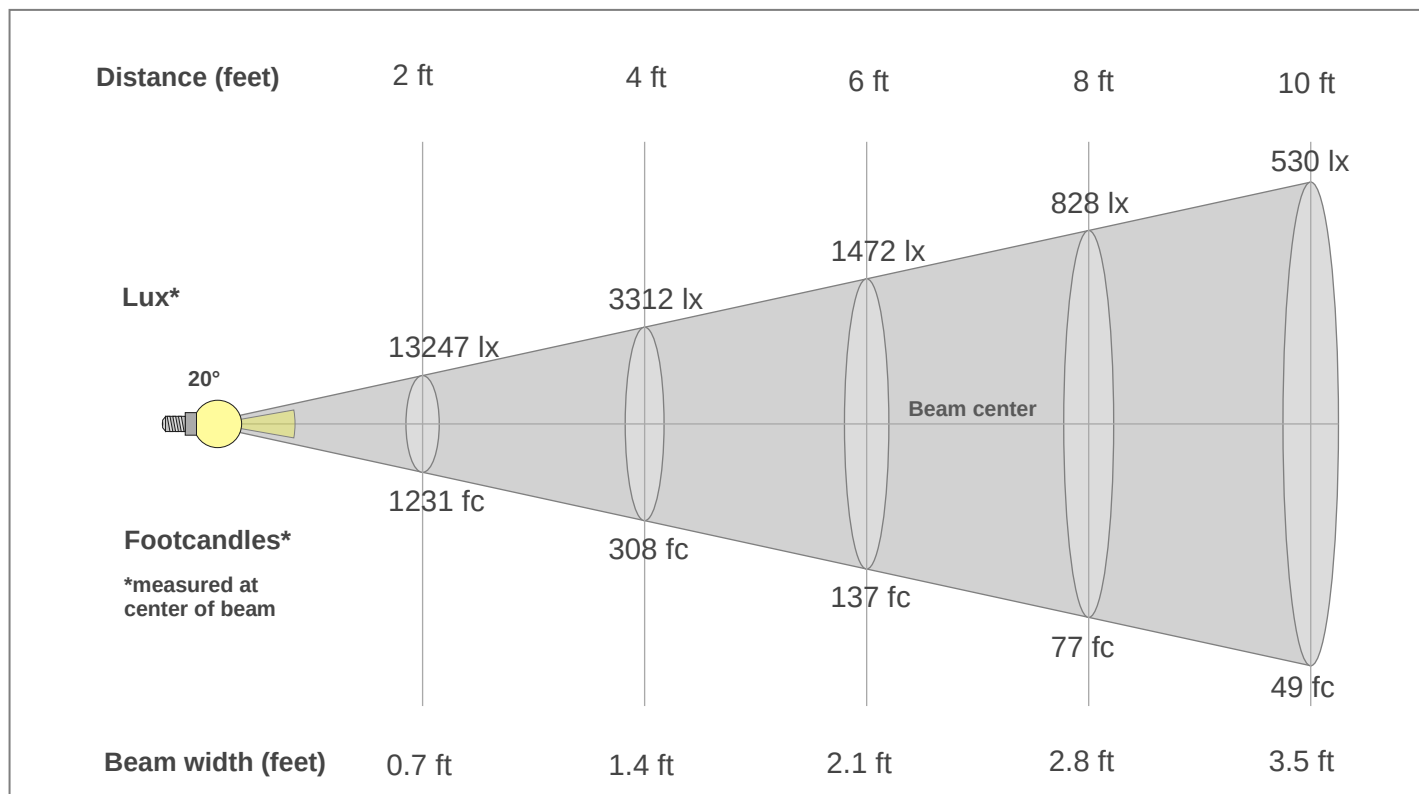
Rg 102.8

Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	94	-3%	-1%
2	95	-2%	2%
3	88	0%	6%
4	92	1%	5%
5	92	2%	4%
6	92	5%	0%
7	94	1%	-3%
8	95	0%	-3%
9	95	-2%	1%
10	88	-3%	6%
11	85	0%	11%
12	87	5%	6%
13	93	5%	0%
14	90	7%	-4%
15	91	3%	-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
4923lx	1231lx	547lx	308lx	197lx	137lx	100lx	77lx	61lx	49lx	41lx	34lx	29lx	25lx	22lx	19lx	17lx	15lx	14lx	12lx
457.3fc	114.3fc	50.8fc	28.6fc	18.3fc	12.7fc	9.3fc	7.1fc	5.6fc	4.6fc	3.8fc	3.2fc	2.7fc	2.3fc	2fc	1.8fc	1.6fc	1.4fc	1.3fc	1.1fc

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°
4923	4910	4801	4630	4404	4136	3833	3502	3156	2803	2454	2119	1808	1526	1277	1060	877	724	599	498
100%	100%	98%	94%	89%	84%	78%	71%	64%	57%	50%	43%	37%	31%	26%	22%	18%	15%	12%	10%

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°
4923	4910	4801	4630	4404	4136	3833	3502	3156	2803	2454	2119	1808	1526	1277	1060	877	724	599	498
100%	100%	98%	94%	89%	84%	78%	71%	64%	57%	50%	43%	37%	31%	26%	22%	18%	15%	12%	10%

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°
4923	4910	4801	4630	4404	4136	3833	3502	3156	2803	2454	2119	1808	1526	1277	1060	877	724	599	498
100%	100%	98%	94%	89%	84%	78%	71%	64%	57%	50%	43%	37%	31%	26%	22%	18%	15%	12%	10%

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°
4923	4910	4801	4630	4404	4136	3833	3502	3156	2803	2454	2119	1808	1526	1277	1060	877	724	599	498
100%	100%	98%	94%	89%	84%	78%	71%	64%	57%	50%	43%	37%	31%	26%	22%	18%	15%	12%	10%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
20°	38.1°	60.5°	99.3%	98.2%