

Photometric / Colorimetric / Electric Report

Fixture Model:

202-S-BV-WD-6-15-NSP-PR1-2-FLS-2-BV

Trim Model:

Date:

8/6/2026



Light efficiency:

59 Lumen/Watt

Light quality:

CRI: 92.2

Color temperature:

2769 K

CIE 1931:

**x: 0.455
y: 0.410**

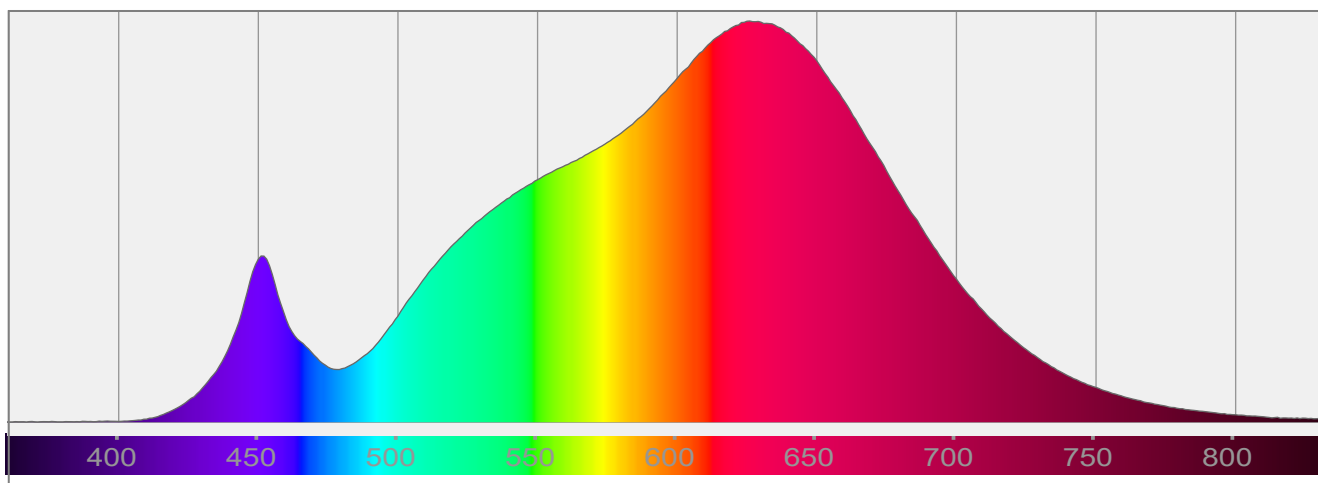
Output: 799 lm

Peak: 4873 cd

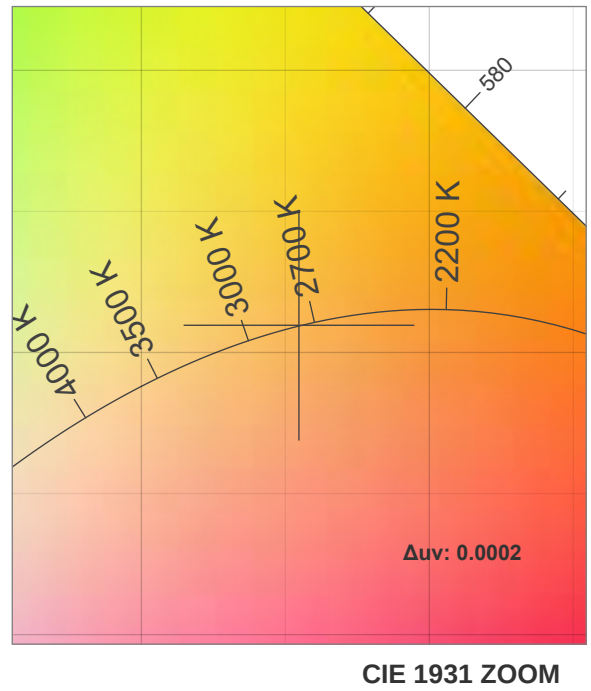
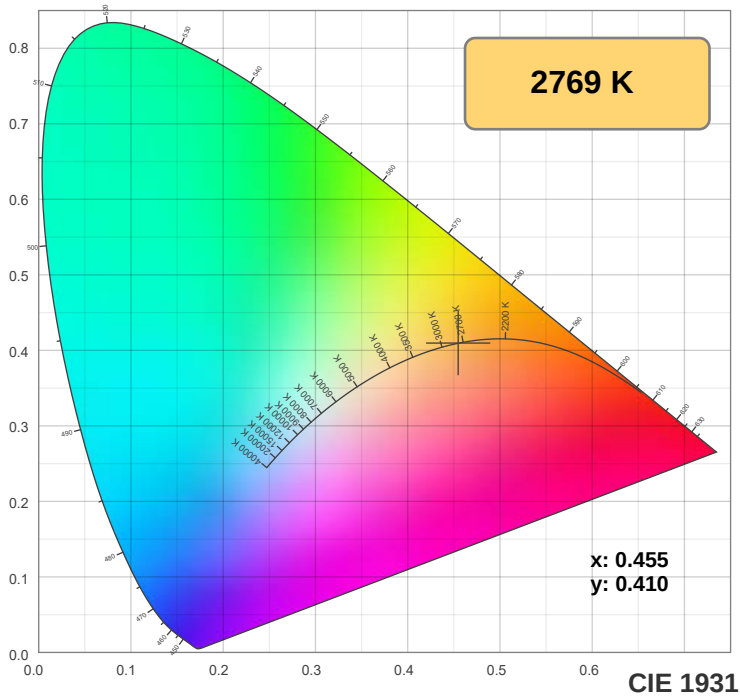
Power: 13.5 W

PF: 0.99

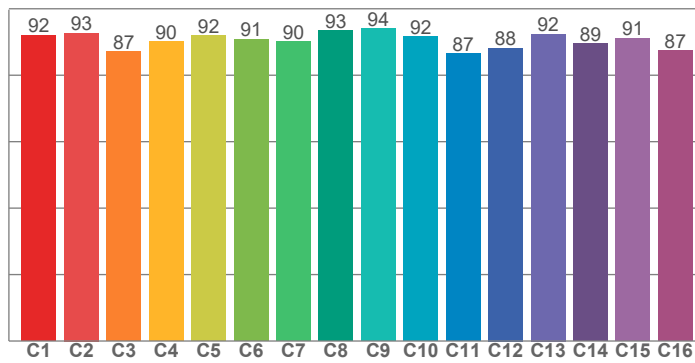
Spectra:



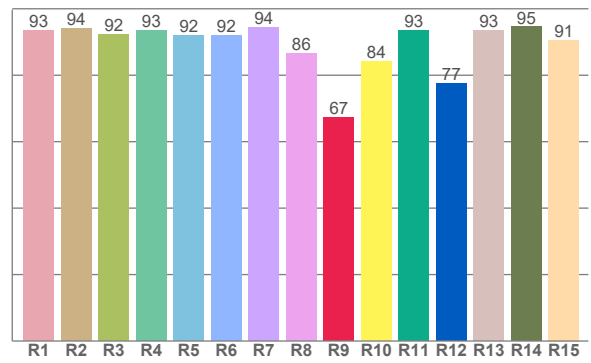
Color Details



TM-30: 90.6



CRI: 92.2 (R1-R8)



CRI R Values:

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93.4	94.1	92.3	93.5	91.9	91.8	94.2	86.5	67.3	84.2	93.4	77.5	93.4	94.5	90.6

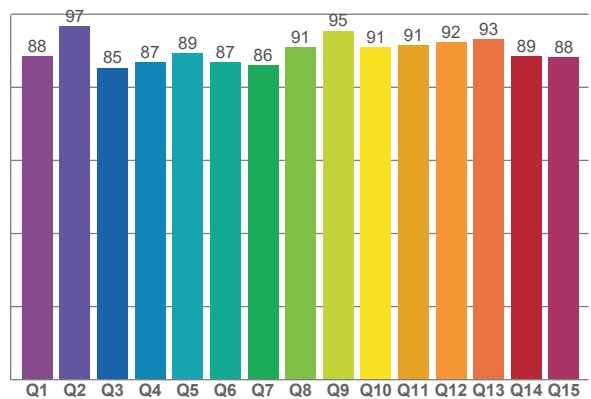
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92.1	92.7	87.1	90.2	92.0	90.9	90.2	93.3	94.1	91.5	86.6	88.2	92.4	89.5	91.2	87.5

CQS Q values:

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
88.4	96.7	85.4	86.9	89.3	87.0	85.9	90.9	95.5	90.8	91.4	92.4	93.2	88.6	88.2

CQS: 89.4



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
2769 K	92.2	67.3	90.6	102.0	89.4	0.455	0.410	0.260	0.351	0.0002

TM-30 Details

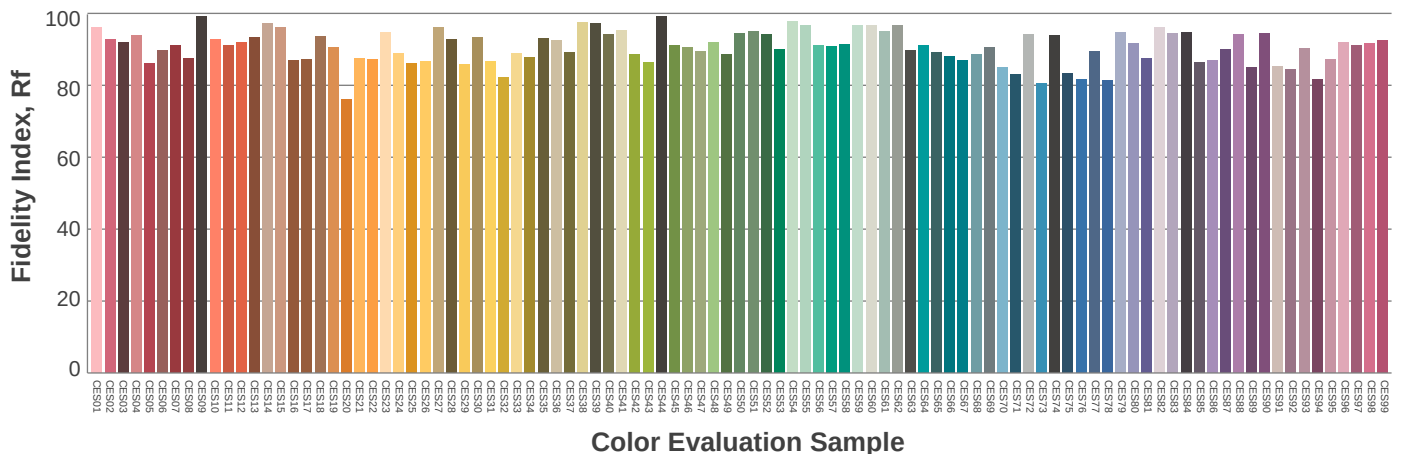
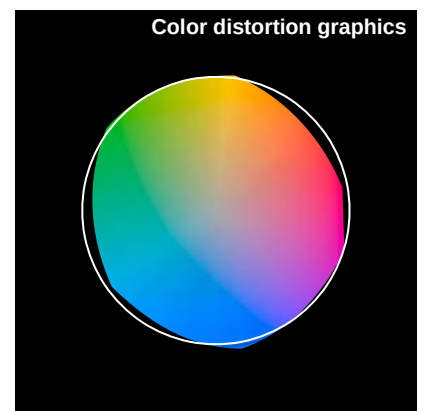
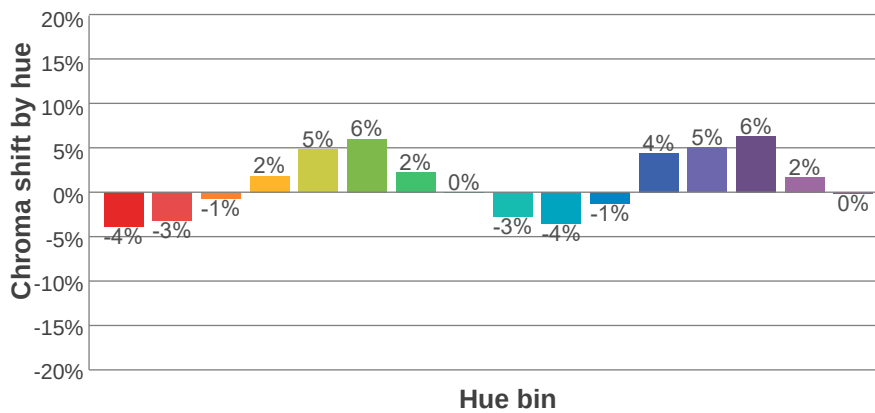
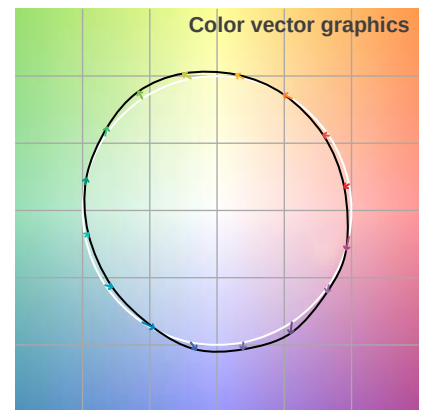
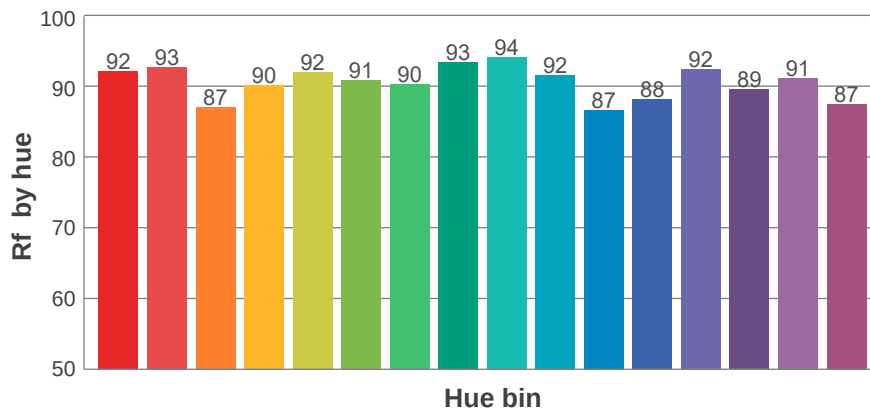
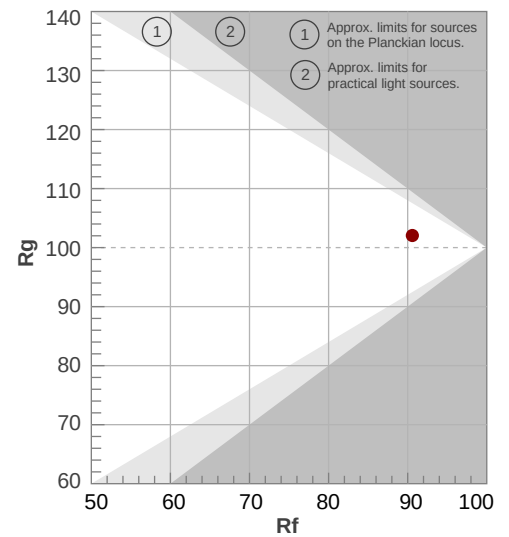
Rf 90.6

Fidelity index Rf

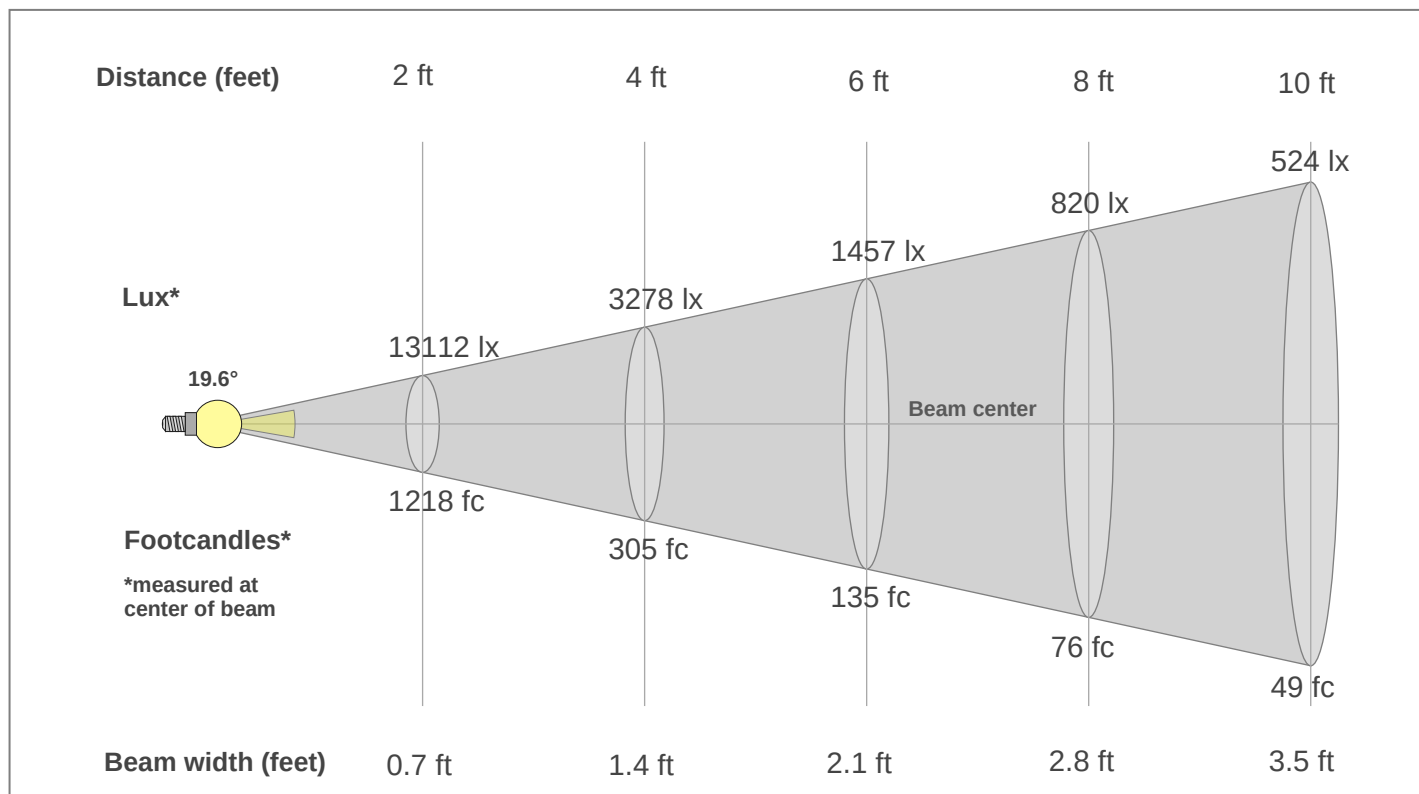
Rg 102.0

Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	92	-4%	-2%
2	93	-3%	3%
3	87	-1%	7%
4	90	2%	6%
5	92	5%	5%
6	91	6%	-1%
7	90	2%	-6%
8	93	0%	-4%
9	94	-3%	-2%
10	92	-4%	4%
11	87	-1%	10%
12	88	4%	5%
13	92	5%	-1%
14	89	6%	-5%
15	91	2%	-5%
16	87	0%	-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
4873lx	1218lx	541lx	305lx	195lx	135lx	99lx	76lx	60lx	49lx	40lx	34lx	29lx	25lx	22lx	19lx	17lx	15lx	13lx	12lx
452.7fc	113.2fc	50.3fc	28.3fc	18.1fc	12.6fc	9.2fc	7.1fc	5.6fc	4.5fc	3.7fc	3.1fc	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°
4873	4859	4748	4574	4345	4072	3765	3430	3078	2724	2377	2046	1742	1466	1223	1015	839	692	574	478
100%	100%	97%	94%	89%	84%	77%	70%	63%	56%	49%	42%	36%	30%	25%	21%	17%	14%	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°
4873	4859	4748	4574	4345	4072	3765	3430	3078	2724	2377	2046	1742	1466	1223	1015	839	692	574	478
100%	100%	97%	94%	89%	84%	77%	70%	63%	56%	49%	42%	36%	30%	25%	21%	17%	14%	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°
4873	4859	4748	4574	4345	4072	3765	3430	3078	2724	2377	2046	1742	1466	1223	1015	839	692	574	478
100%	100%	97%	94%	89%	84%	77%	70%	63%	56%	49%	42%	36%	30%	25%	21%	17%	14%	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°
4873	4859	4748	4574	4345	4072	3765	3430	3078	2724	2377	2046	1742	1466	1223	1015	839	692	574	478
100%	100%	97%	94%	89%	84%	77%	70%	63%	56%	49%	42%	36%	30%	25%	21%	17%	14%	12%	10%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
19.6°	37.8°	59.7°	99.2%	98.0%