

Photometric / Colorimetric / Electric Report

Fixture Model:
202-S-BV-WD-7-15-NSP-PR1-2-FLS-2-BV
Trim Model:

Date:
8/11/2026



Light efficiency:
62 Lumen/Watt

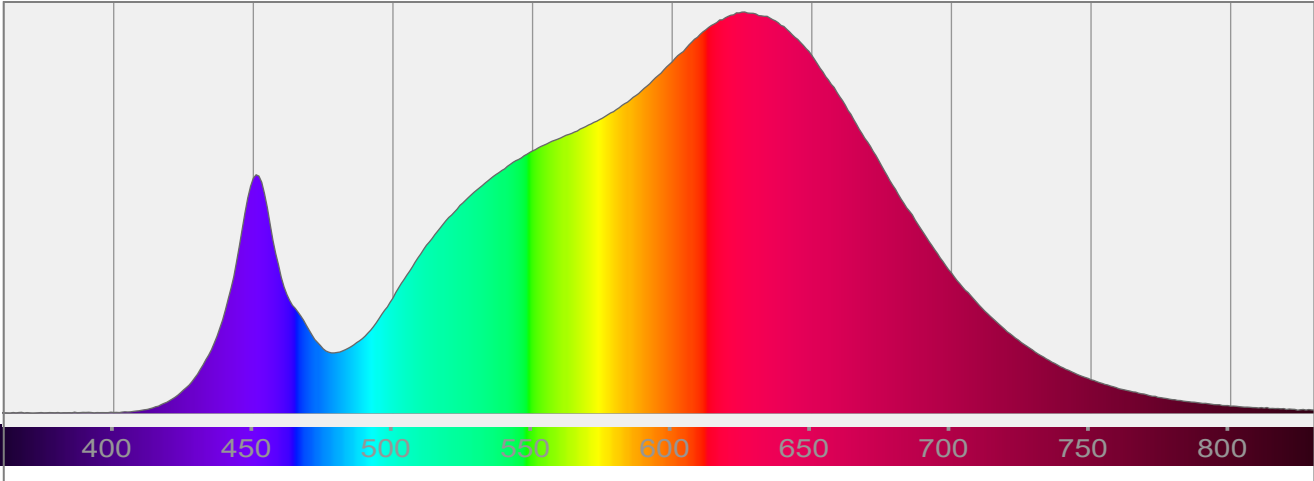
Light quality:
CRI: 91.8

Color temperature:
2950 K

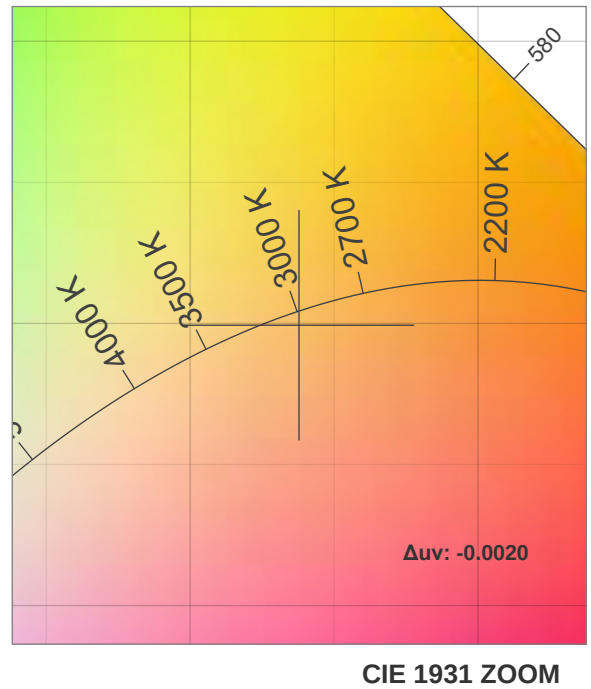
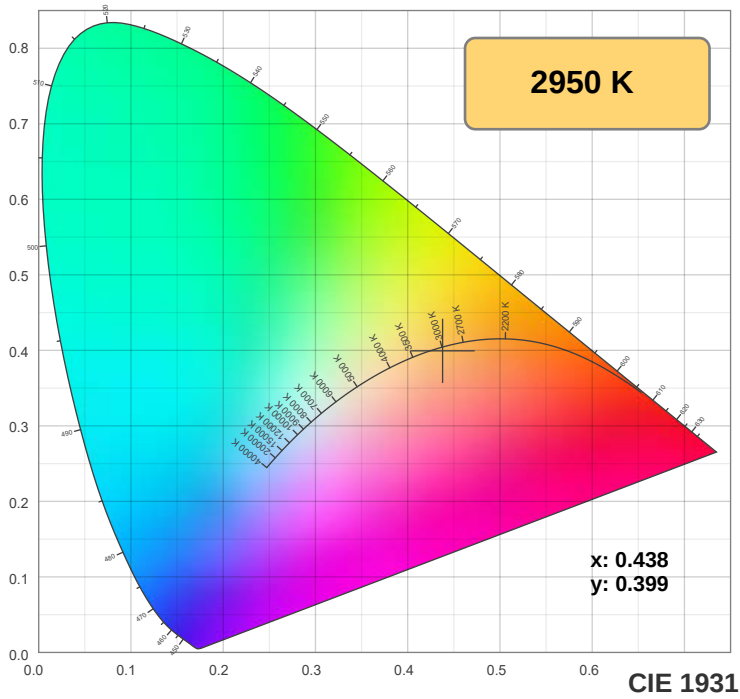
CIE 1931:
x: 0.438
y: 0.399

Output:	850 lm
Peak:	5057 cd
Power:	13.6 W
PF:	0.99

Spectra:

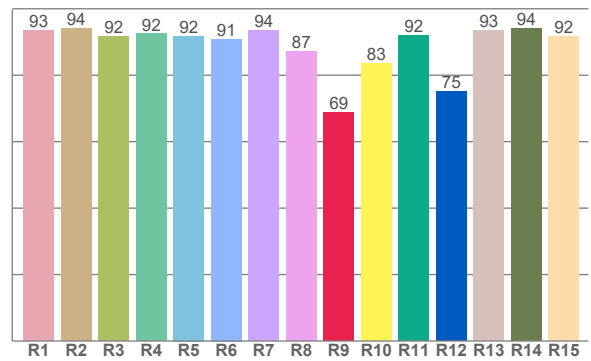
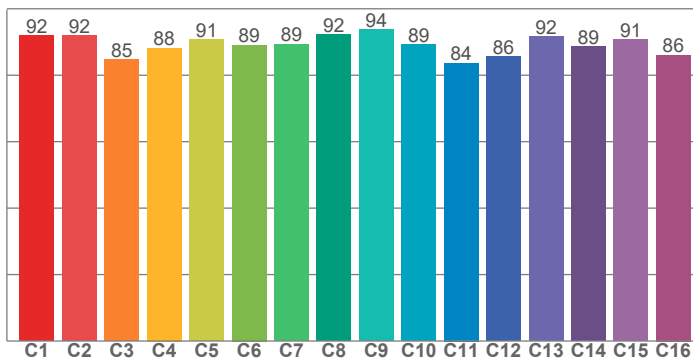


Color Details



TM-30: 89.2

CRI: 91.8 (R1-R8)



CRI R Values:

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93.5	93.9	91.5	92.4	91.8	90.9	93.5	87.1	68.8	83.5	91.9	75.1	93.4	94.2	91.6

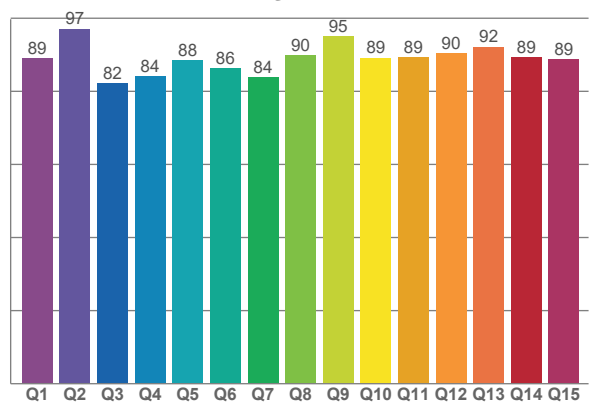
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92.0	92.1	84.6	88.2	90.6	89.1	89.4	92.3	93.7	89.1	83.7	85.7	91.7	88.6	90.7	86.1

CQS Q values:

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
89.0	97.1	82.2	84.1	88.5	86.3	83.9	89.9	95.2	89.2	89.2	90.4	92.2	89.3	88.8

CQS: 88.2



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
2950 K	91.8	68.8	89.2	103.0	88.2	0.438	0.399	0.253	0.346	-0.0020

TM-30 Details

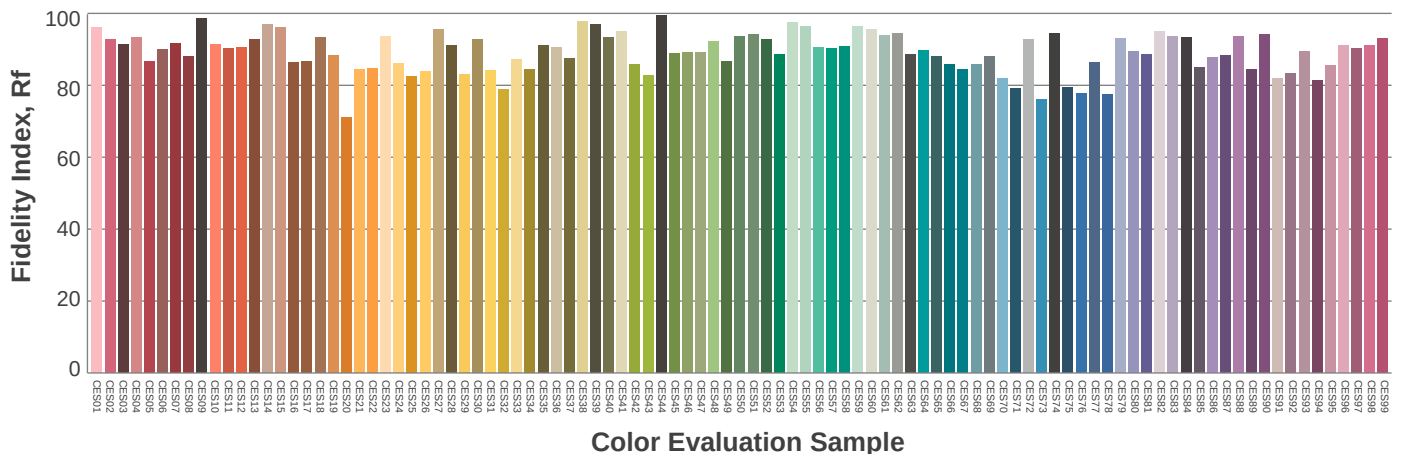
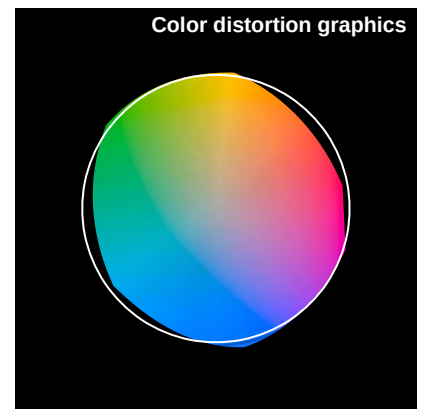
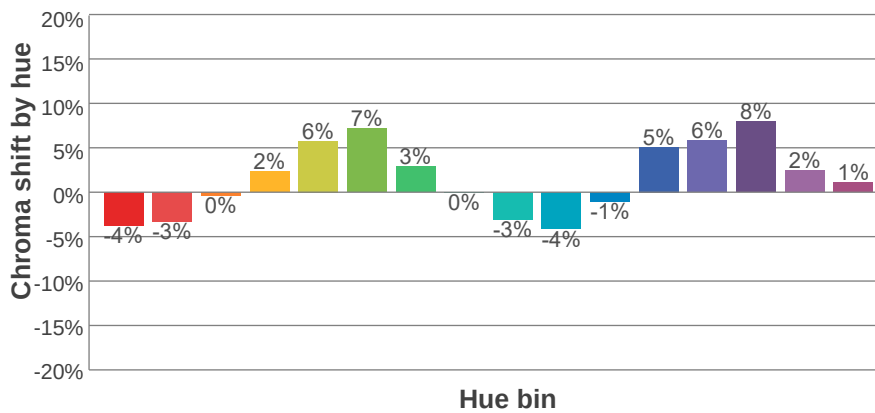
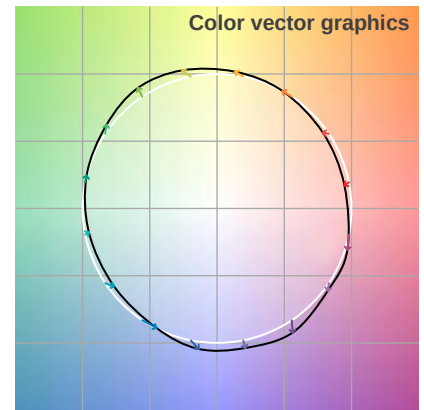
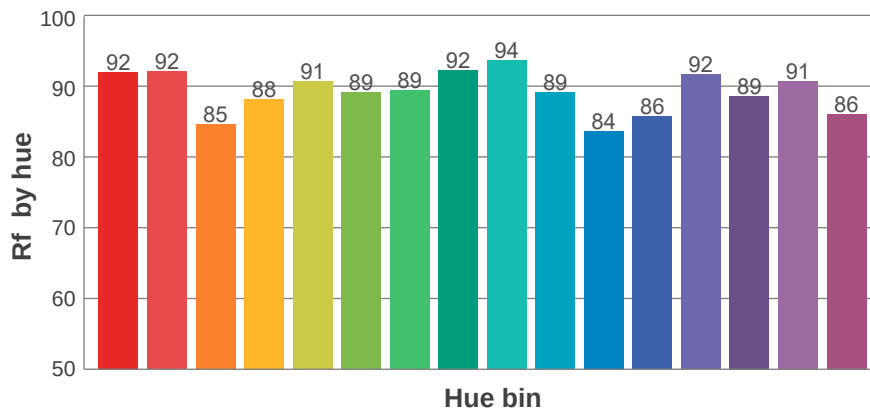
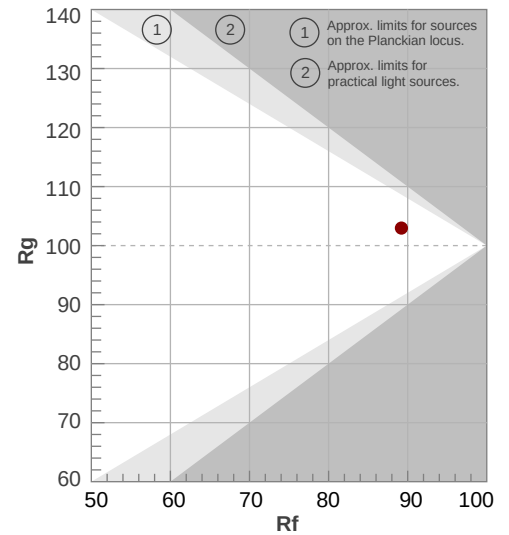
Rf 89.2

Fidelity index Rf

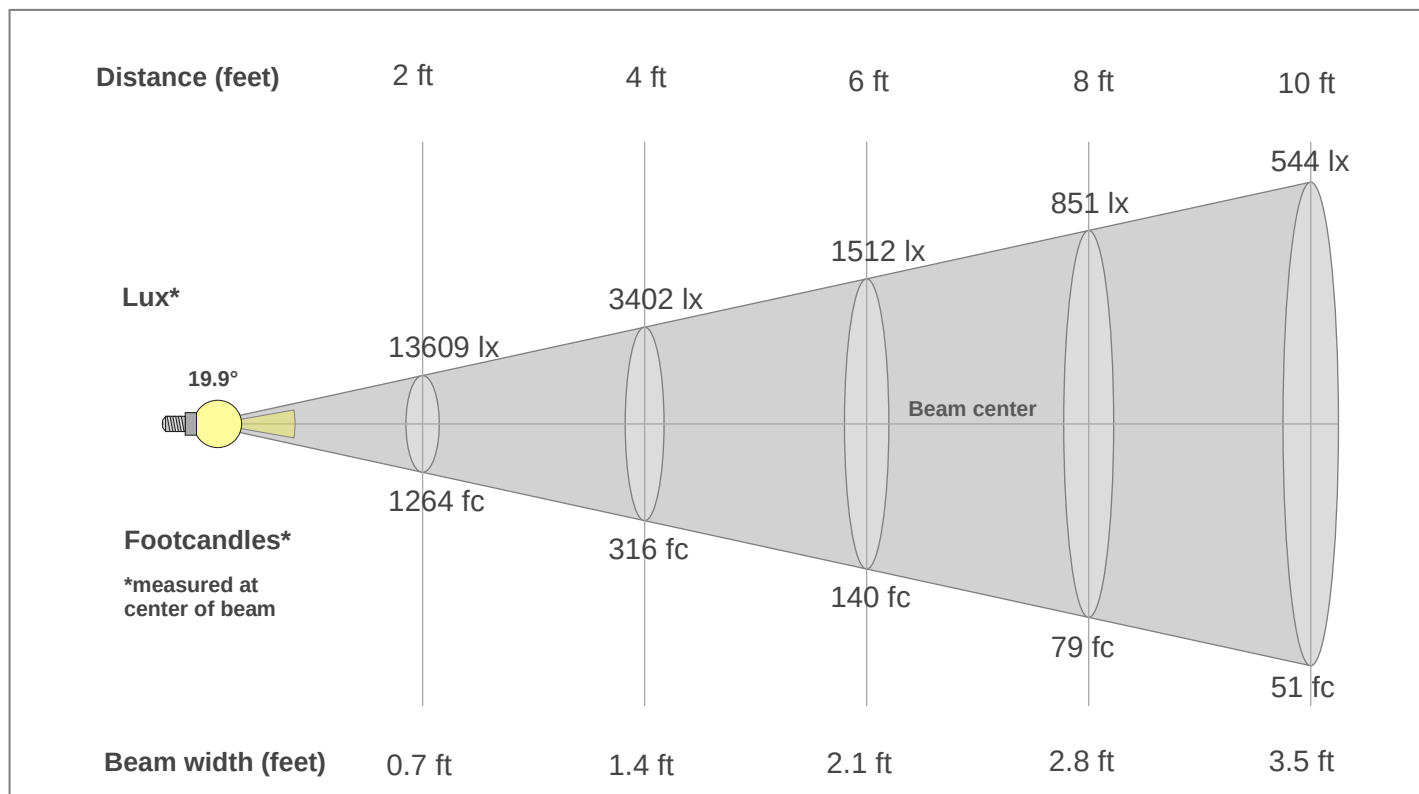
Rg 103.0

Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	92	-4%	-2%
2	92	-3%	3%
3	85	0%	8%
4	88	2%	7%
5	91	6%	5%
6	89	7%	-1%
7	89	3%	-6%
8	92	0%	-5%
9	94	-3%	-1%
10	89	-4%	5%
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
5057lx	1264lx	562lx	316lx	202lx	140lx	103lx	79lx	62lx	51lx	42lx	35lx	30lx	26lx	22lx	20lx	17lx	16lx	14lx	13lx
469.8fc	117.5fc	52.2fc	29.4fc	18.8fc	13.1fc	9.6fc	7.3fc	5.8fc	4.7fc	3.9fc	3.3fc	2.8fc	2.4fc	2.1fc	1.8fc	1.6fc	1.5fc	1.3fc	1.2fc

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°
5057	5015	4905	4733	4505	4232	3923	3589	3236	2874	2517	2175	1859	1572	1318	1097	911	756	627	523
100%	99%	97%	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°
5057	5015	4905	4733	4505	4232	3923	3589	3236	2874	2517	2175	1859	1572	1318	1097	911	756	627	523
100%	99%	97%	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°
5057	5015	4905	4733	4505	4232	3923	3589	3236	2874	2517	2175	1859	1572	1318	1097	911	756	627	523
100%	99%	97%	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°
5057	5015	4905	4733	4505	4232	3923	3589	3236	2874	2517	2175	1859	1572	1318	1097	911	756	627	523
100%	99%	97%	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°
19.9°	38.4°	60.6°	99.3%	98.1%