

Photometric / Colorimetric / Electric Report

Fixture Model:

202-R-BV-WD-6-15-NSP-PR1-2-FLR-2-BV

Trim Model:

Date:

7/15/2026



Light efficiency:

56 Lumen/Watt

Light quality:

CRI: 92.2

Color temperature:

2768 K

CIE 1931:

x: 0.454
y: 0.409

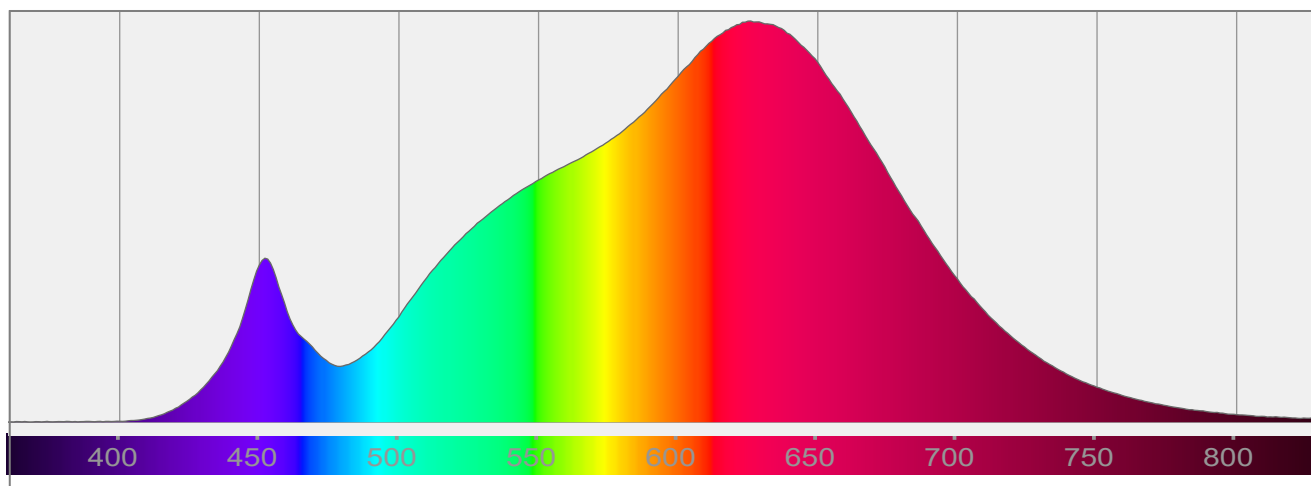
Output: 753 lm

Peak: 4863 cd

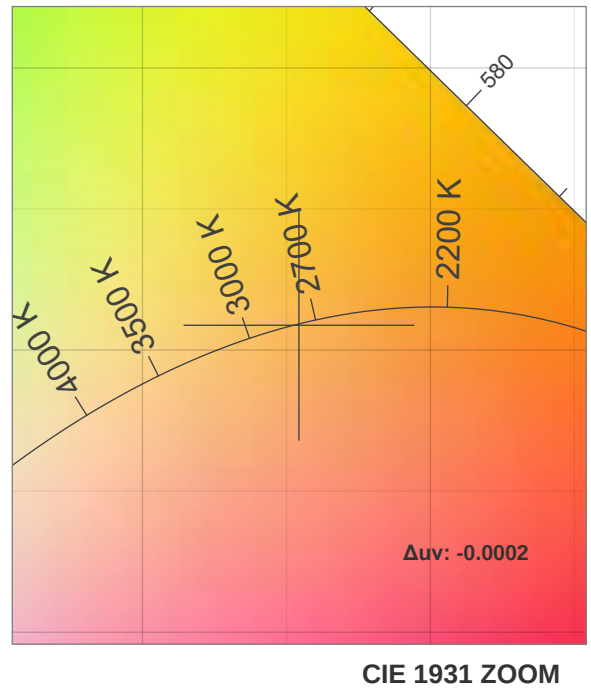
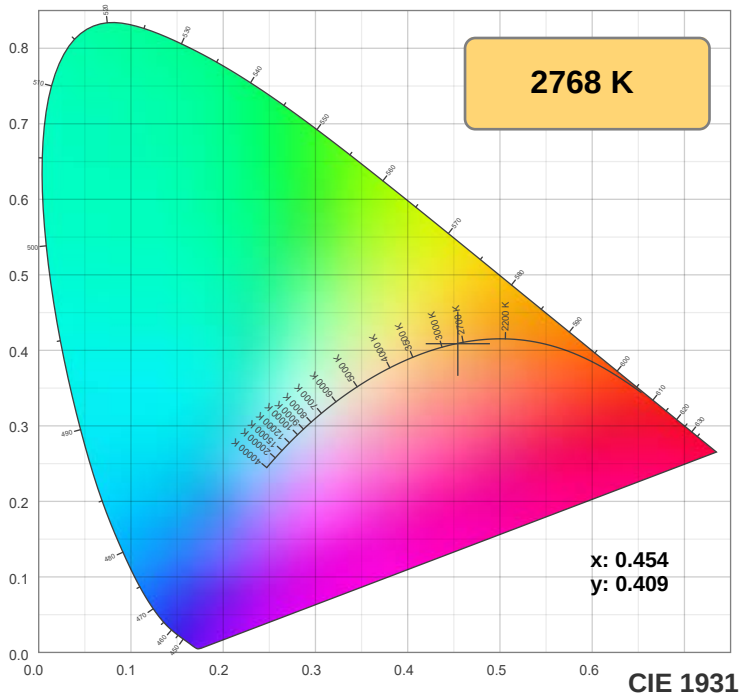
Power: 13.4 W

PF: 0.99

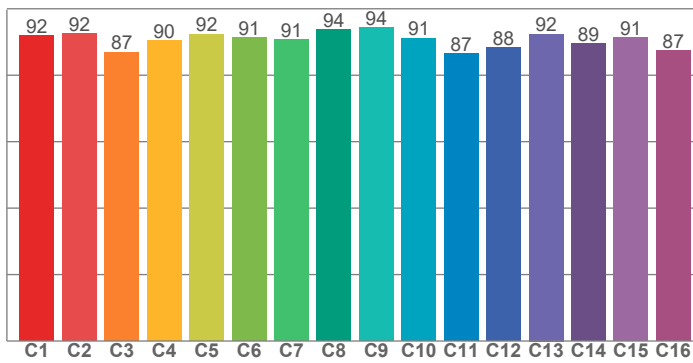
Spectra:



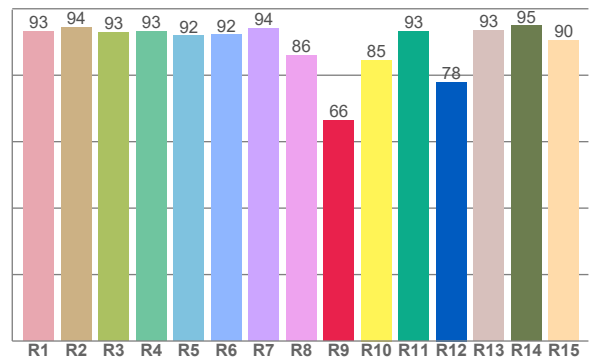
Color Details



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
93.3	94.3	92.8	93.3	91.8	92.1	94.0	85.9	66.3	84.6	93.1	78.0	93.4	94.8	90.4

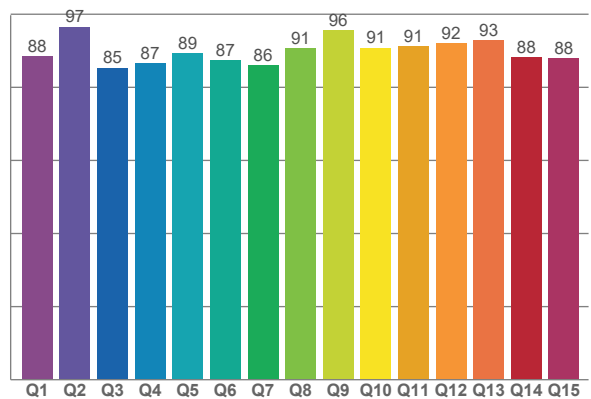
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92.0	92.5	87.0	90.4	92.4	91.2	90.7	93.7	94.4	91.2	86.6	88.3	92.4	89.4	91.4	87.4

CQS Q values:

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
88.4	96.6	85.3	86.6	89.4	87.4	86.0	90.6	95.6	90.8	91.1	92.0	92.8	88.3	88.0

CQS: 89.3



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
2768 K	92.2	66.3	90.6	101.8	89.3	0.454	0.409	0.260	0.351	-0.0002

TM-30 Details

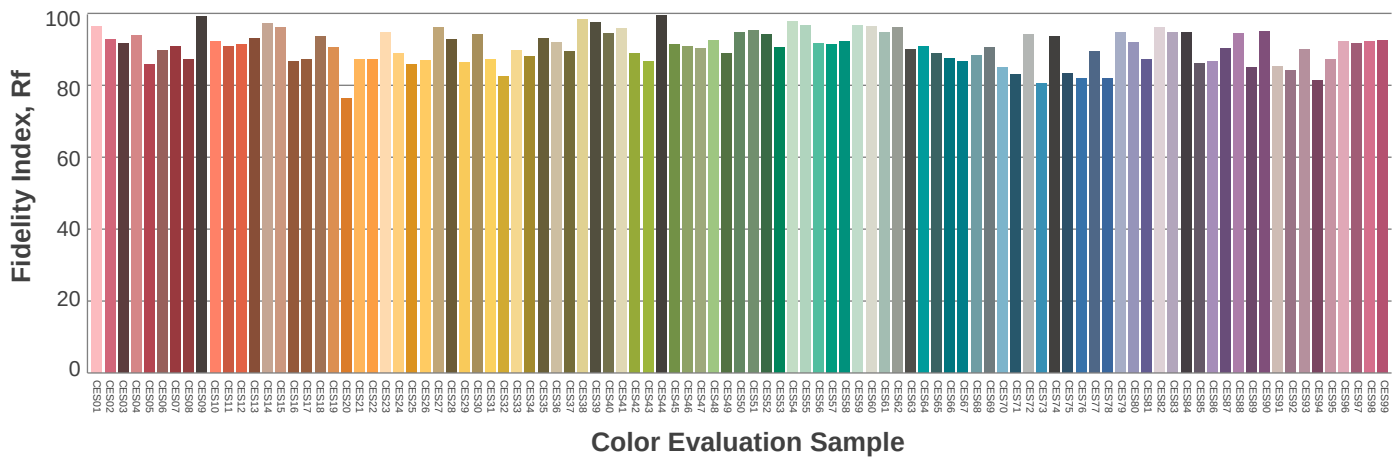
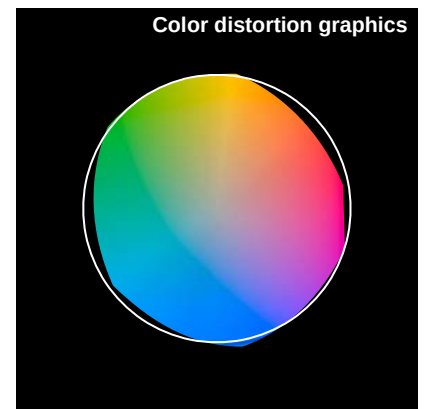
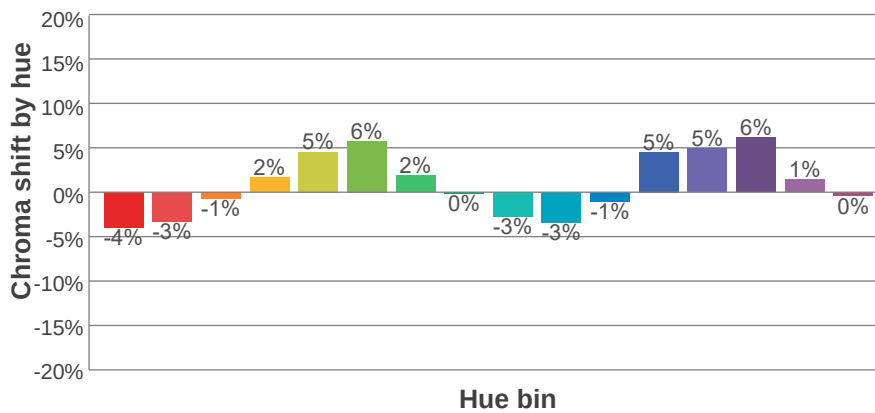
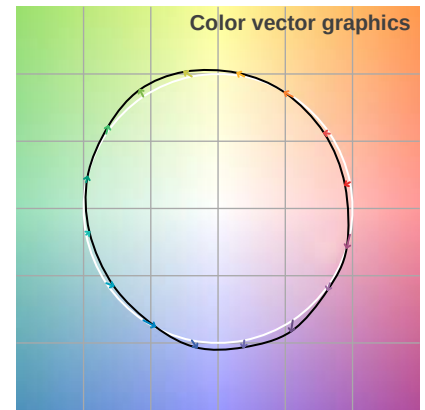
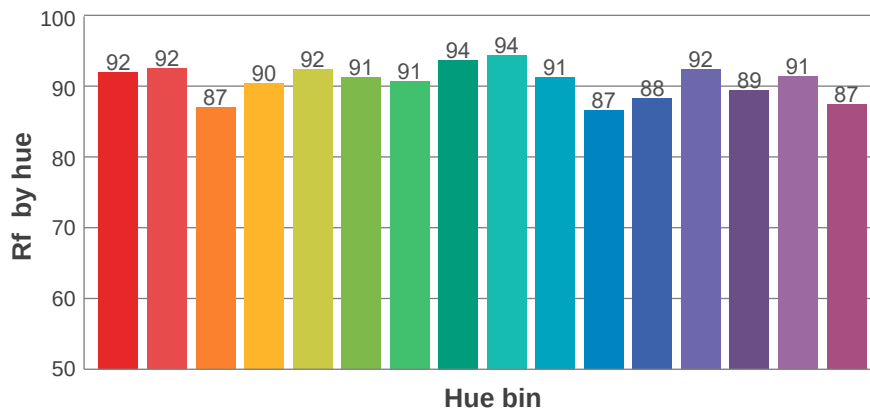
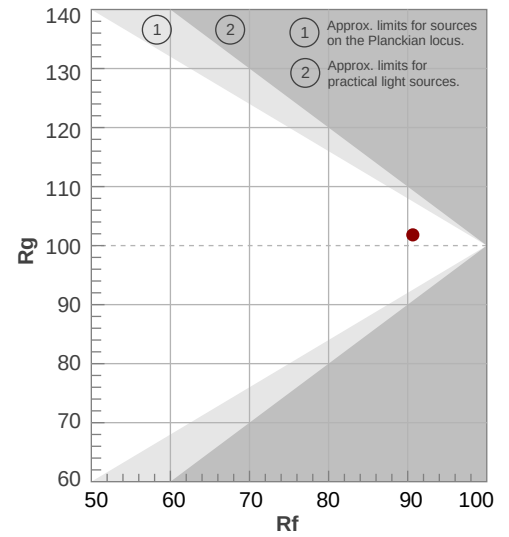
Rf 90.6

Fidelity index Rf

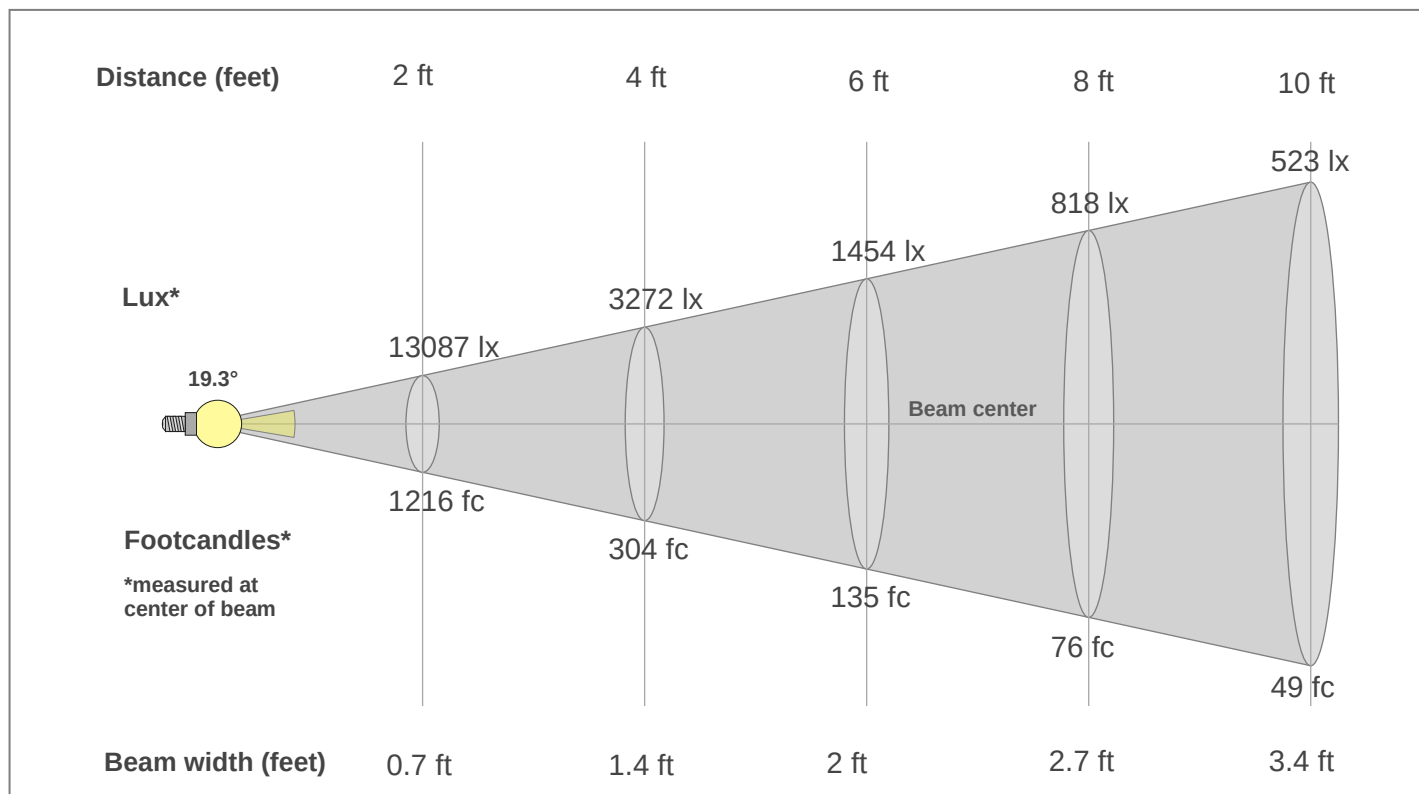
Rg 101.8

Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	92	-4%	-1%
2	92	-3%	3%
3	87	-1%	7%
4	90	2%	6%
5	92	5%	5%
6	91	6%	-1%
7	91	2%	-6%
8	94	0%	-4%
9	94	-3%	-2%
10	91	-3%	5%
11	87	-1%	10%
12	88	5%	5%
13	92	5%	-2%
14	89	6%	-6%
15	91	1%	-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
4863lx	1216lx	540lx	304lx	195lx	135lx	99lx	76lx	60lx	49lx	40lx	34lx	29lx	25lx	22lx	19lx	17lx	15lx	13lx	12lx
451.8fc	113fc	50.2fc	28.2fc	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°
4863	4828	4716	4536	4300	4018	3701	3360	3007	2652	2310	1987	1687	1418	1183	980	811	671	556	463
100%	99%	97%	93%	88%	83%	76%	69%	62%	55%	47%	41%	35%	29%	24%	20%	17%	14%	11%	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°
4863	4828	4716	4536	4300	4018	3701	3360	3007	2652	2310	1987	1687	1418	1183	980	811	671	556	463
100%	99%	97%	93%	88%	83%	76%	69%	62%	55%	47%	41%	35%	29%	24%	20%	17%	14%	11%	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°
4863	4828	4716	4536	4300	4018	3701	3360	3007	2652	2310	1987	1687	1418	1183	980	811	671	556	463
100%	99%	97%	93%	88%	83%	76%	69%	62%	55%	47%	41%	35%	29%	24%	20%	17%	14%	11%	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°
4863	4828	4716	4536	4300	4018	3701	3360	3007	2652	2310	1987	1687	1418	1183	980	811	671	556	463
100%	99%	97%	93%	88%	83%	76%	69%	62%	55%	47%	41%	35%	29%	24%	20%	17%	14%	11%	10%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
19.3°	37.5°	57.6°	99.2%	98.6%