

Photometric / Colorimetric / Electric Report

Fixture Model:

202-R-BV-WD-7-15-NSP-PR1-2-FLR-2-BV

Trim Model:

Date:

7/17/2026



Light efficiency:

60 Lumen/Watt

Light quality:

CRI: 91.9

Color temperature:

2958 K

CIE 1931:

x: 0.436
y: 0.398

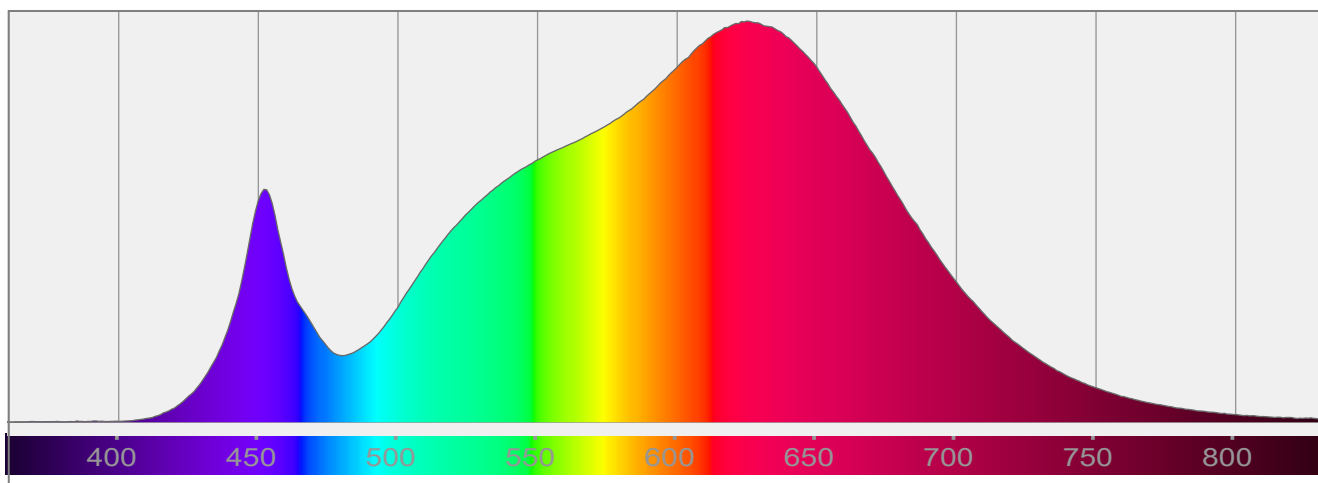
Output: 807 lm

Peak: 5280 cd

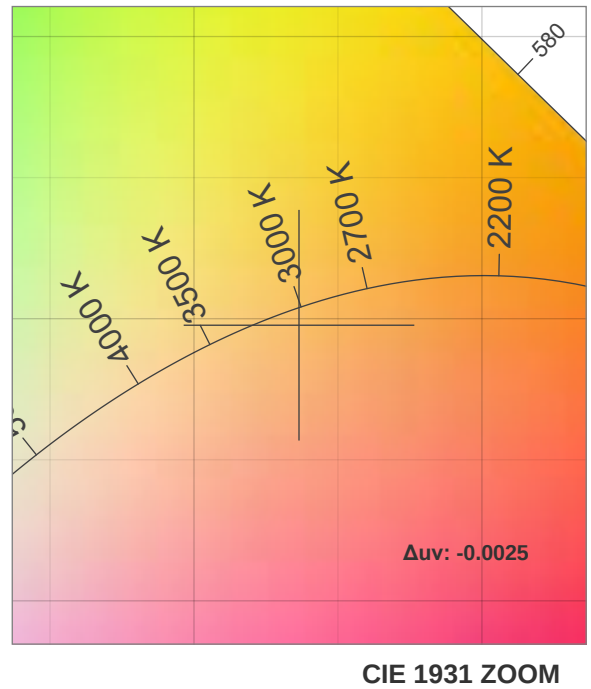
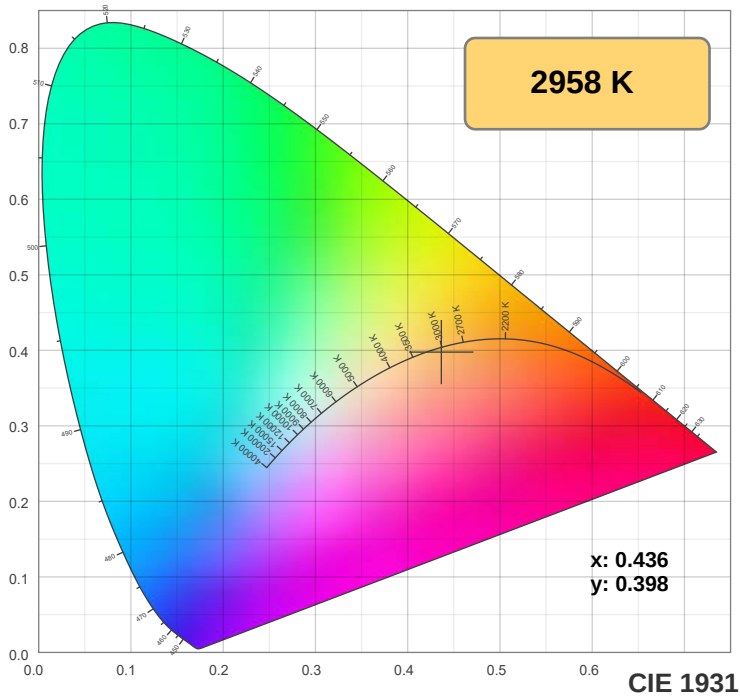
Power: 13.4 W

PF: 0.99

Spectra:

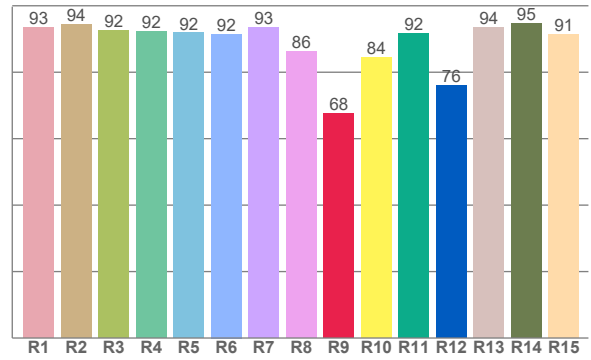
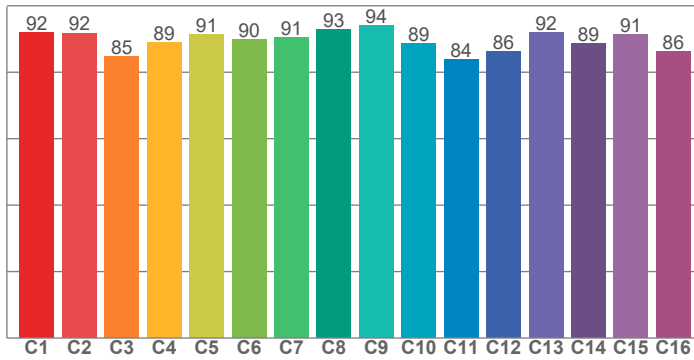


Color Details



TM-30: 89.4

CRI: 91.9 (R1-R8)



CRI R Values:

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93.4	94.4	92.4	92.2	91.8	91.5	93.4	86.3	67.5	84.4	91.5	76.0	93.6	94.7	91.5

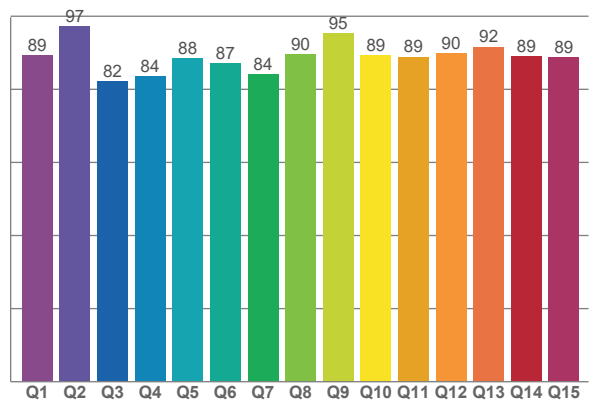
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
91.9	91.8	84.8	88.8	91.3	89.9	90.5	92.9	94.0	88.5	83.7	86.1	91.9	88.6	91.3	86.1

CQS Q values:

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
89.2	97.2	82.3	83.7	88.5	87.1	84.2	89.6	95.4	89.3	88.9	89.9	91.7	89.0	88.7

CQS: 88.2



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
2958 K	91.9	67.5	89.4	102.5	88.2	0.436	0.398	0.253	0.346	-0.0025

TM-30 Details

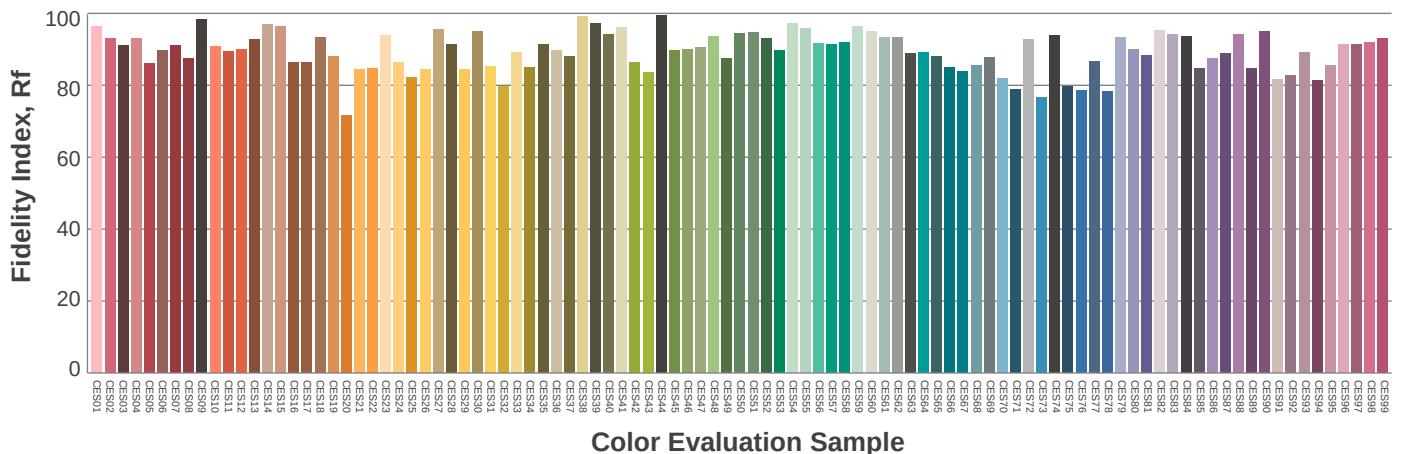
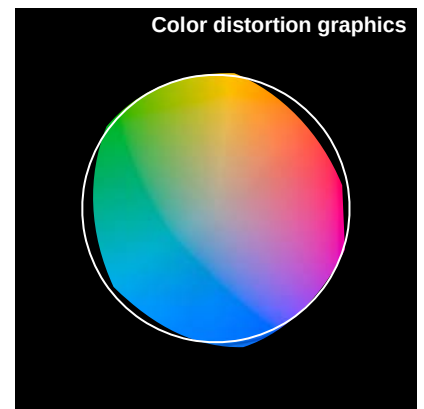
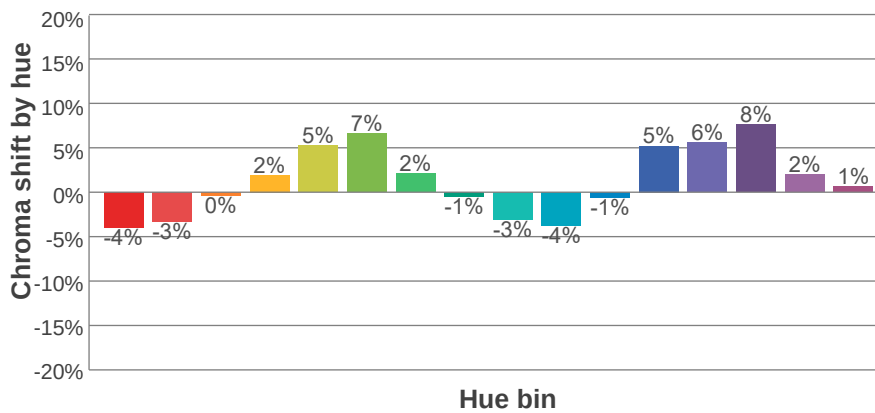
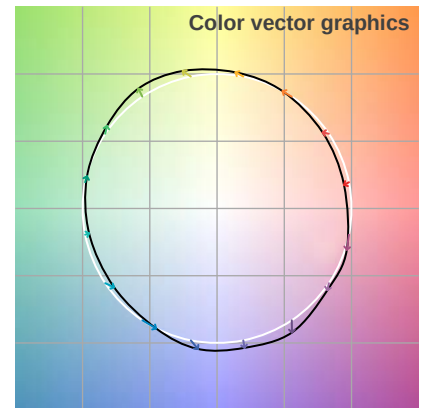
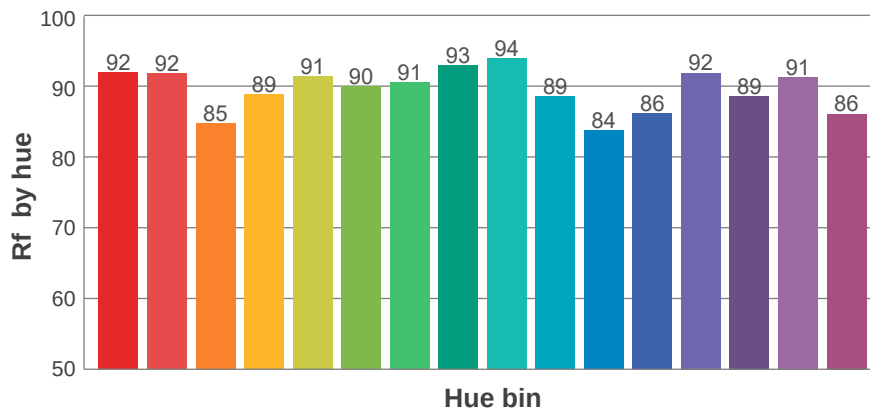
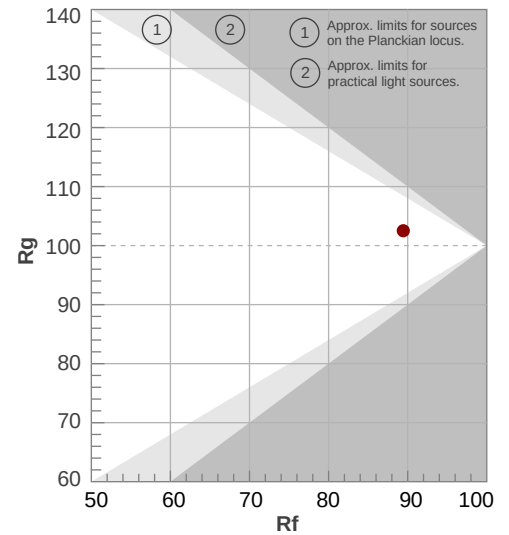
Rf 89.4

Fidelity index Rf

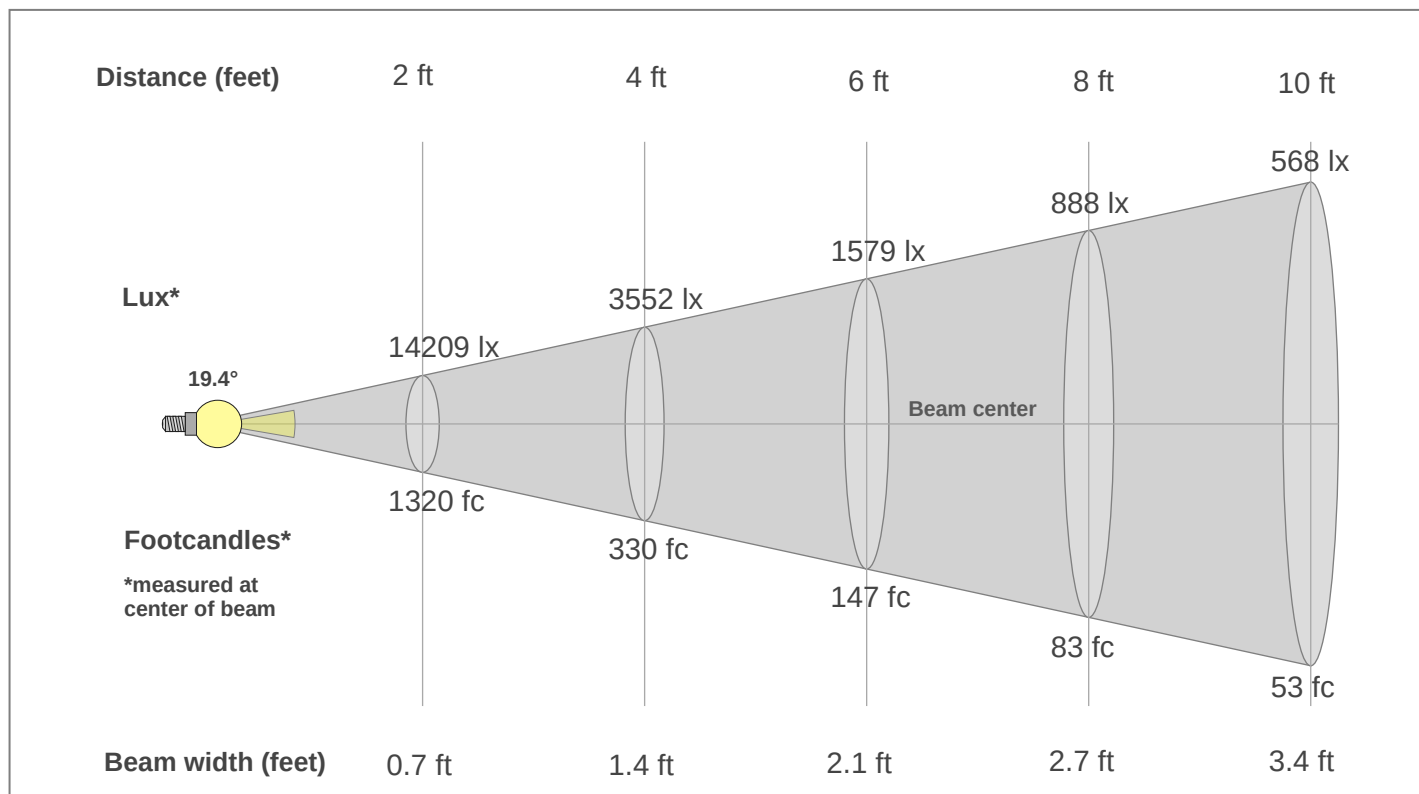
Rg 102.5

Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	92	-4%	-1%
2	92	-3%	3%
3	85	0%	8%
4	89	2%	6%
5	91	5%	5%
6	90	7%	-1%
7	91	2%	-6%
8	93	-1%	-5%
9	94	-3%	0%
10	89	-4%	6%
11	84	-1%	12%
12	86	5%	6%
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
5280lx	1320lx	587lx	330lx	211lx	147lx	108lx	83lx	65lx	53lx	44lx	37lx	31lx	27lx	23lx	21lx	18lx	16lx	15lx	13lx
490.5fc	122.6fc	54.5fc	30.7fc	19.6fc	13.6fc	10fc	7.7fc	6.1fc	4.9fc	4.1fc	3.4fc	2.9fc	2.5fc	2.2fc	1.9fc	1.7fc	1.5fc	1.4fc	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°
5280	5236	5114	4922	4670	4370	4034	3670	3290	2907	2531	2173	1841	1542	1279	1053	863	707	580	479
100%	99%	97%	93%	88%	83%	76%	70%	62%	55%	48%	41%	35%	29%	24%	20%	16%	13%	11%	9%

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°
5280	5236	5114	4922	4670	4370	4034	3670	3290	2907	2531	2173	1841	1542	1279	1053	863	707	580	479
100%	99%	97%	93%	88%	83%	76%	70%	62%	55%	48%	41%	35%	29%	24%	20%	16%	13%	11%	9%

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°
5280	5236	5114	4922	4670	4370	4034	3670	3290	2907	2531	2173	1841	1542	1279	1053	863	707	580	479
100%	99%	97%	93%	88%	83%	76%	70%	62%	55%	48%	41%	35%	29%	24%	20%	16%	13%	11%	9%

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°
5280	5236	5114	4922	4670	4370	4034	3670	3290	2907	2531	2173	1841	1542	1279	1053	863	707	580	479
100%	99%	97%	93%	88%	83%	76%	70%	62%	55%	48%	41%	35%	29%	24%	20%	16%	13%	11%	9%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
19.4°	36.9°	56.2°	99.2%	98.6%