

Photometric / Colorimetric / Electric Report

Fixture Model:

202-R-BV-WD-6-60-NSP-PR1-2-FLR-2-BV

Trim Model:

Date:

7/15/2026



Light efficiency:

67 Lumen/Watt

Light quality:

CRI: 92.3

Color temperature:

2779 K

CIE 1931:

x: 0.453
y: 0.408

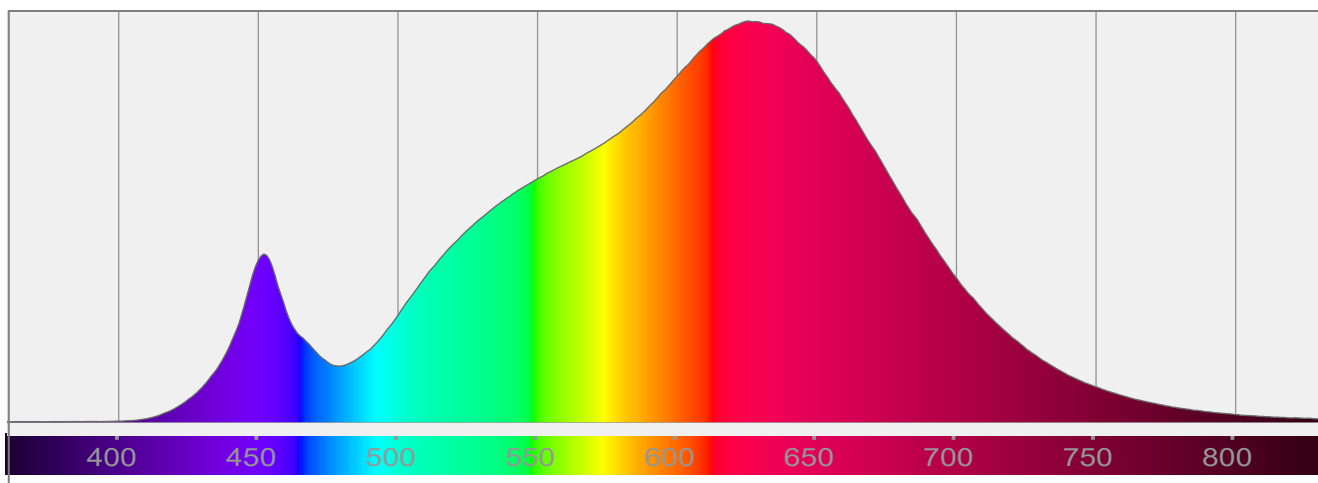
Output: 898 lm

Peak: 1092 cd

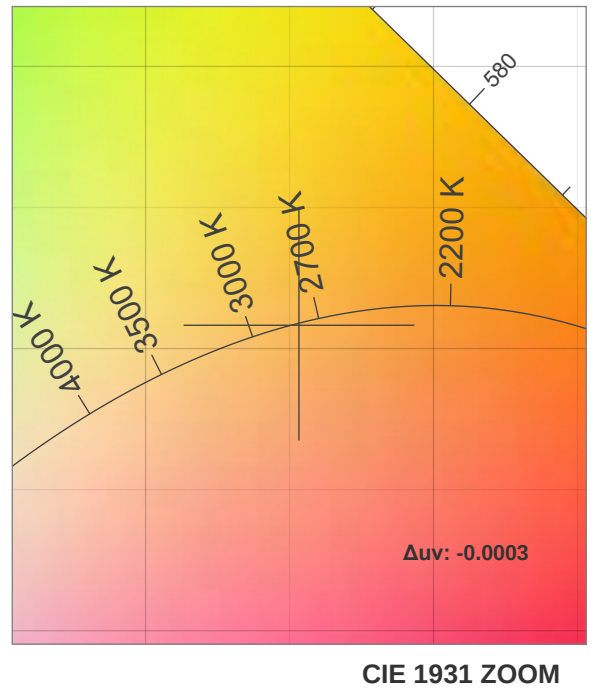
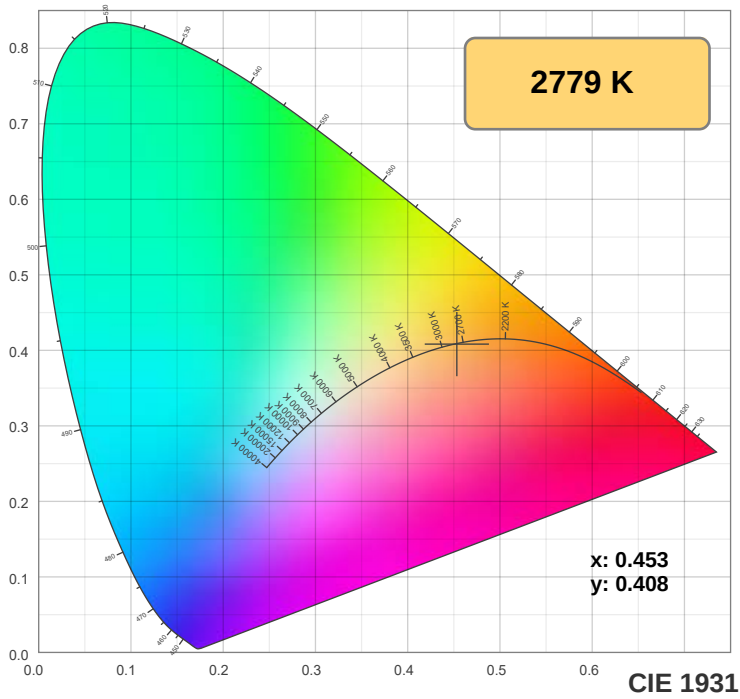
Power: 13.4 W

PF: 0.99

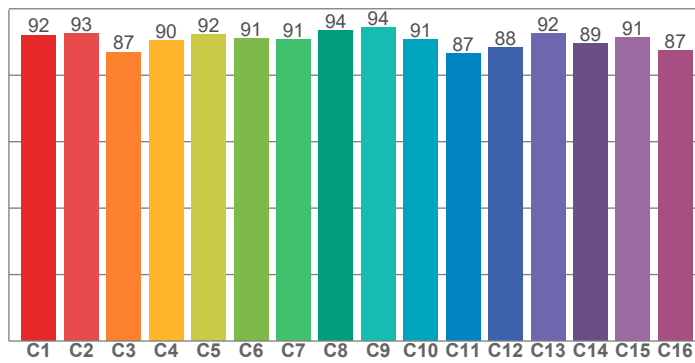
Spectra:



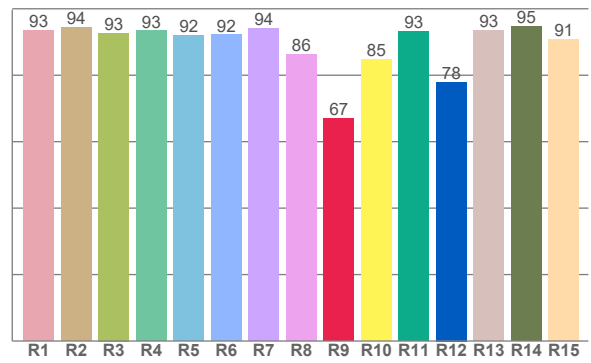
Color Details



TM-30: 90.6



CRI: 92.3 (R1-R8)



CRI R Values:

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93.4	94.3	92.7	93.3	91.9	92.1	94.1	86.2	67.0	84.6	93.2	78.0	93.5	94.8	90.6

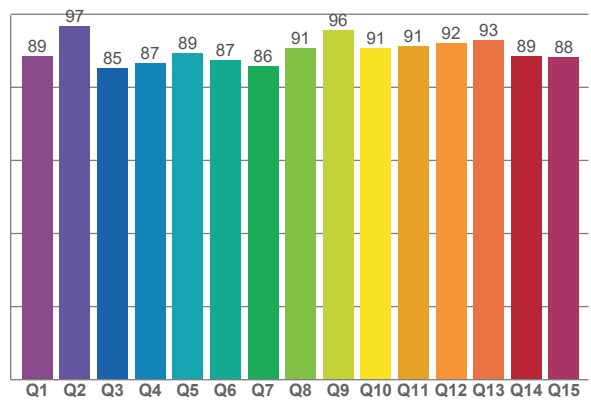
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92.1	92.6	87.0	90.3	92.2	91.1	90.6	93.5	94.4	90.7	86.5	88.2	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
88.5	96.7	85.2	86.6	89.4	87.3	85.9	90.7	95.6	90.8	91.1	92.1	92.9	88.6	88.2

CQS: 89.4



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
2779 K	92.3	67.0	90.6	101.9	89.4	0.453	0.408	0.259	0.350	-0.0003

TM-30 Details

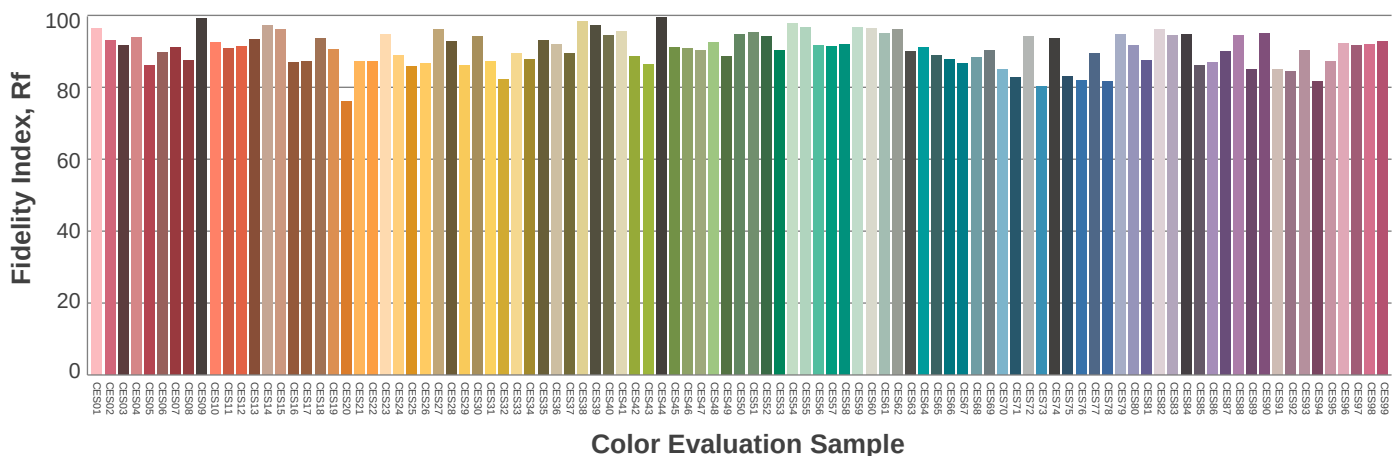
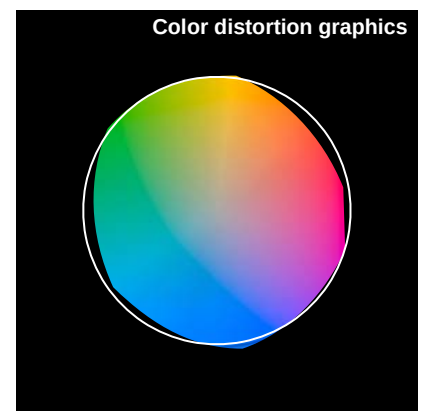
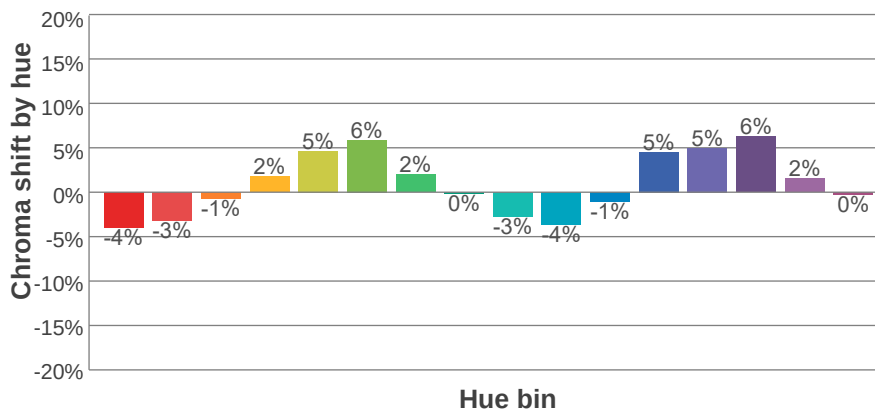
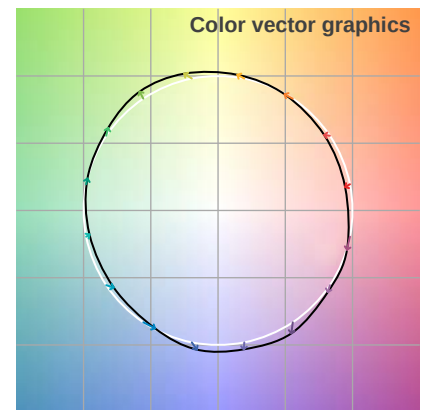
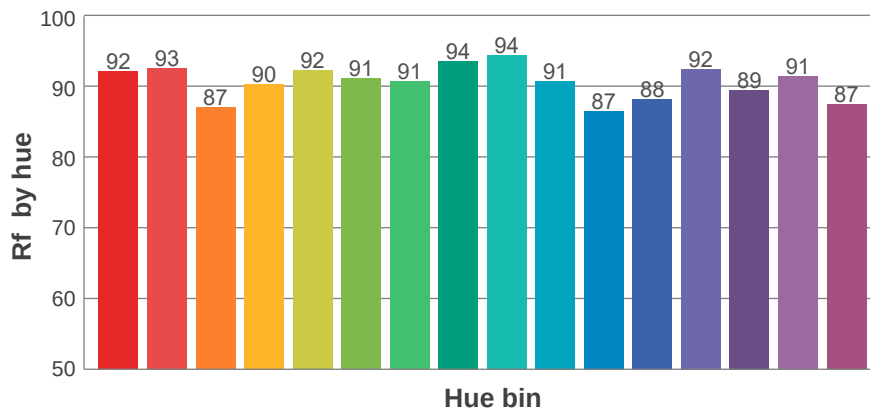
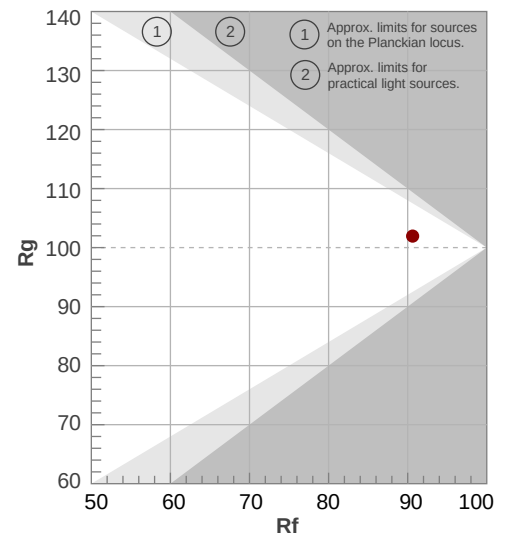
Rf 90.6

Fidelity index Rf

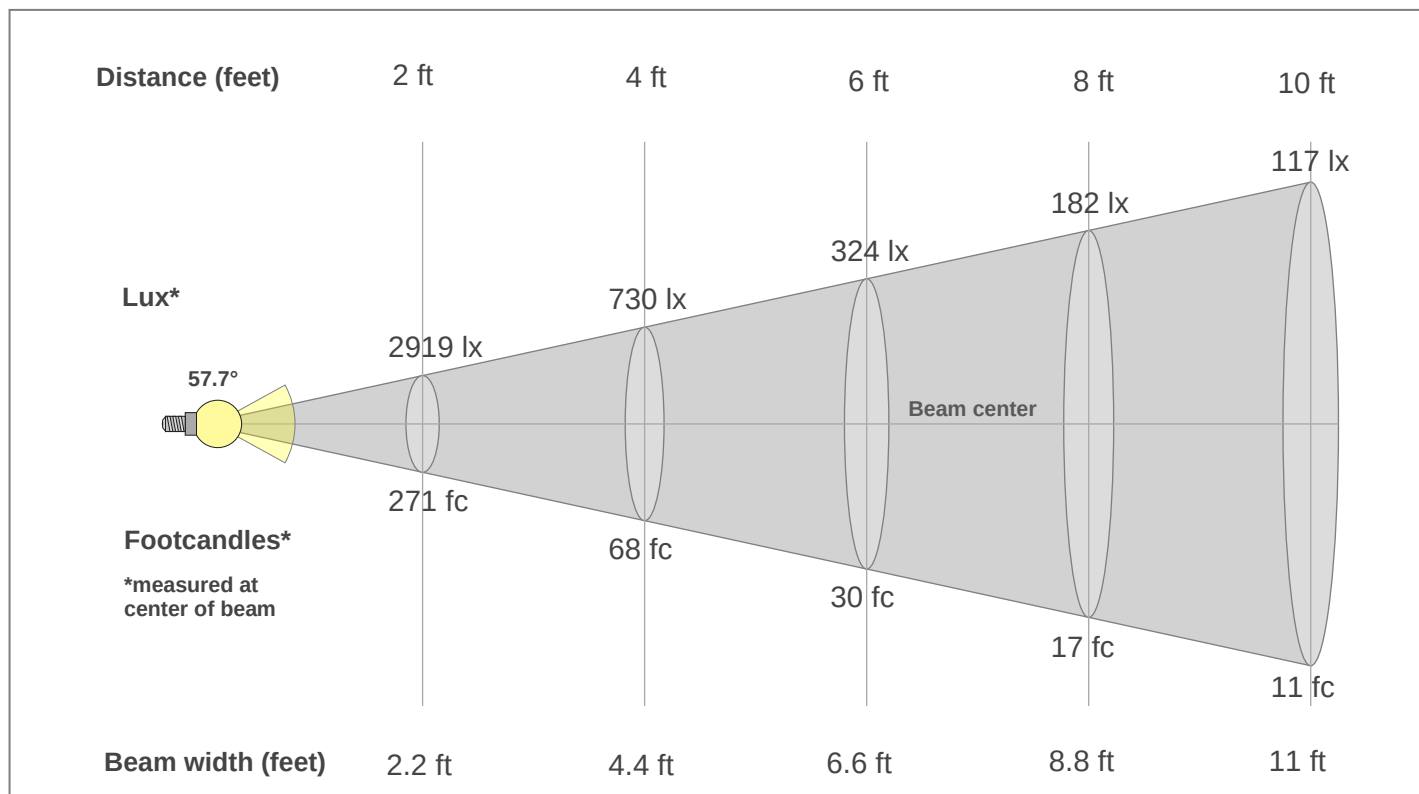
Rg 101.9

Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	92	-4%	-1%
2	93	-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%	-1%
10	91	-4%	4%
11	87	-1%	10%
12	88	5%	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
1085lx	271lx	121lx	68lx	43lx	30lx	22lx	17lx	13lx	11lx	9lx	8lx	6lx	6lx	5lx	4lx	4lx	3lx	3lx	3lx
100.8fc	25.2fc	11.2fc	6.3fc	4fc	2.8fc	2.1fc	1.6fc	1.2fc	1fc	0.8fc	0.7fc	0.6fc	0.5fc	0.4fc	0.4fc	0.3fc	0.3fc	0.3fc	0.3fc

Intensities in 0° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
1085	1085	1088	1091	1092	1089	1082	1066	1042	1007	959	895	807	707	597	473	329	213	139	95
100%	100%	100%	101%	101%	100%	100%	98%	96%	93%	88%	83%	74%	65%	55%	44%	30%	20%	13%	9%

Intensities in 90° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
1085	1085	1088	1091	1092	1089	1082	1066	1042	1007	959	895	807	707	597	473	329	213	139	95
100%	100%	100%	101%	101%	100%	100%	98%	96%	93%	88%	83%	74%	65%	55%	44%	30%	20%	13%	9%

Intensities in 180° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
1085	1085	1088	1091	1092	1089	1082	1066	1042	1007	959	895	807	707	597	473	329	213	139	95
100%	100%	100%	101%	101%	100%	100%	98%	96%	93%	88%	83%	74%	65%	55%	44%	30%	20%	13%	9%

Intensities in 270° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
1085	1085	1088	1091	1092	1089	1082	1066	1042	1007	959	895	807	707	597	473	329	213	139	95
100%	100%	100%	101%	101%	100%	100%	98%	96%	93%	88%	83%	74%	65%	55%	44%	30%	20%	13%	9%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
57.7°	74°	89.2°	98.8%	97.7%