

Photometric / Colorimetric / Electric Report

Fixture Model:

202-S-BV-WD-6-40-NSP-PR1-2-FLS-2-BV

Trim Model:

Date:

8/6/2026



Light efficiency:

66 Lumen/Watt

Light quality:

CRI: 92.2

Color temperature:

2773 K

CIE 1931:

x: 0.454
y: 0.409

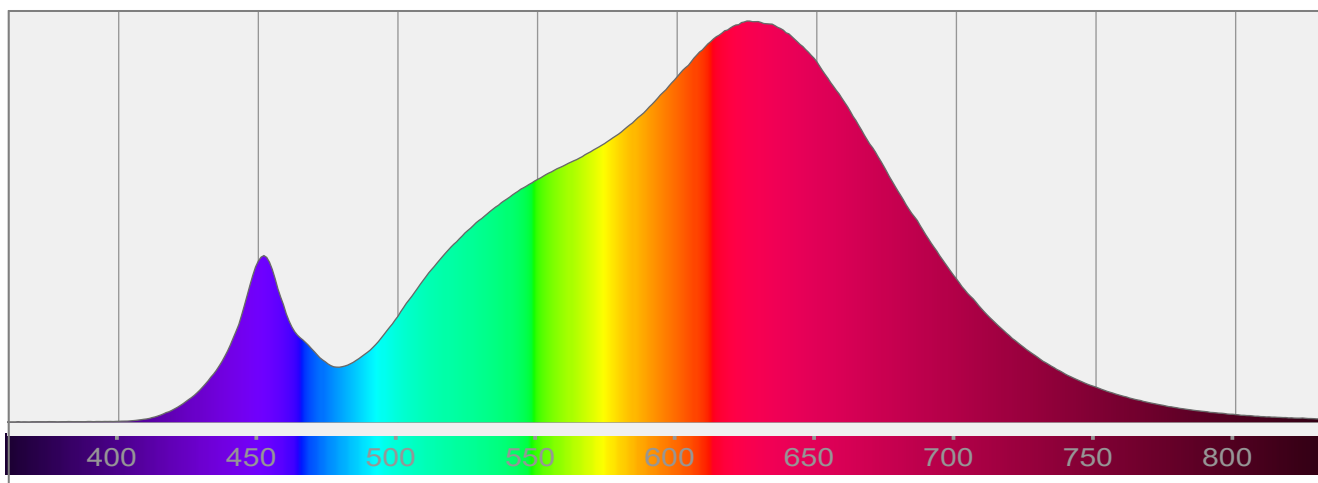
Output: 890 lm

Peak: 2048 cd

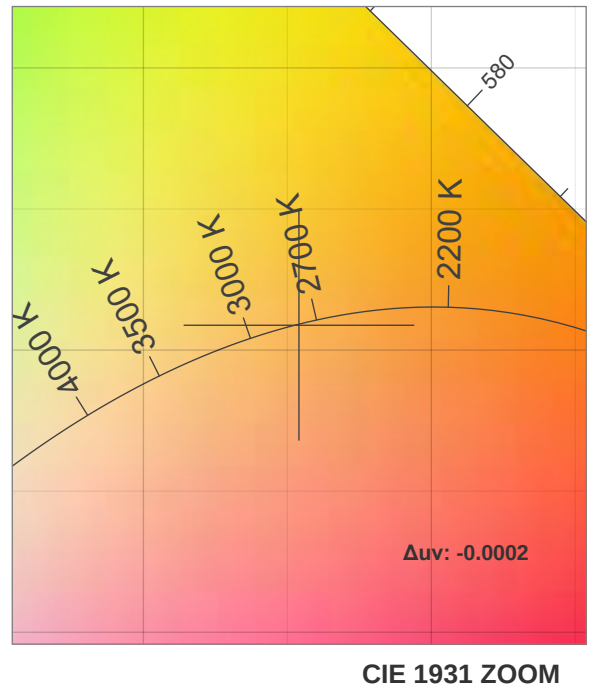
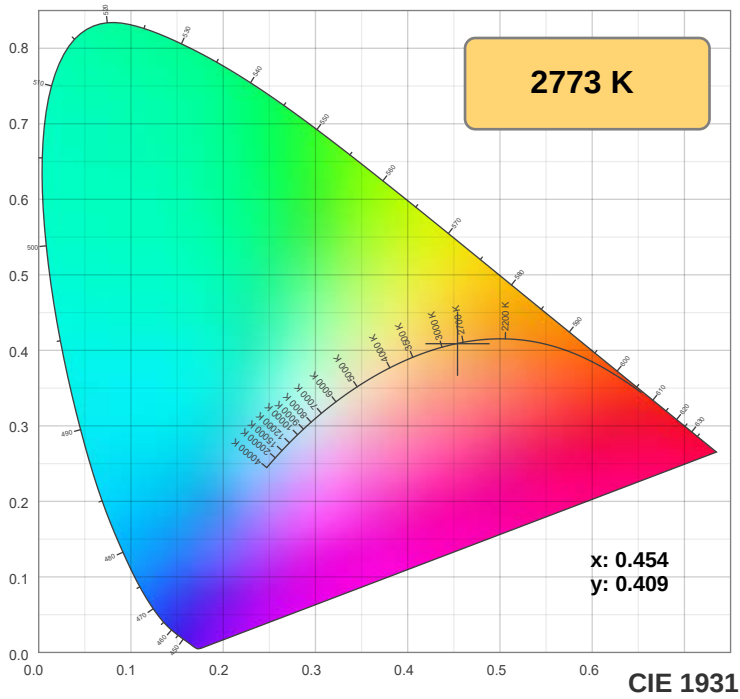
Power: 13.5 W

PF: 0.99

Spectra:

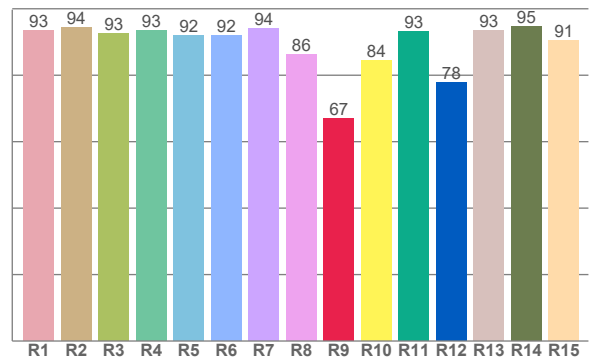
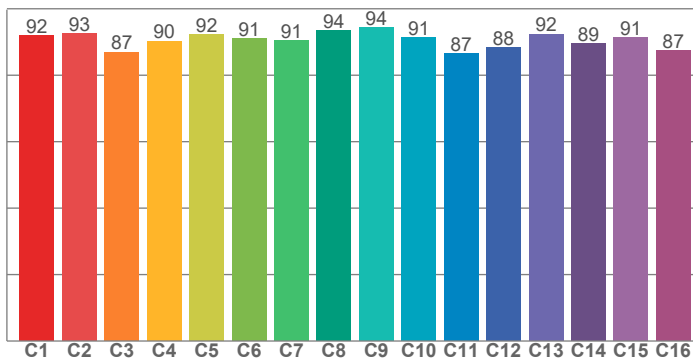


Color Details



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	94.2	92.6	93.4	91.9	92.0	94.1	86.2	66.9	84.4	93.2	77.8	93.4	94.7	90.6

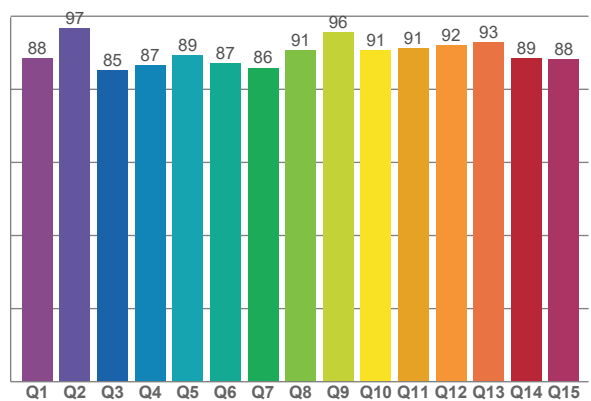
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92.0	92.6	87.0	90.3	92.2	91.0	90.5	93.5	94.3	91.3	86.5	88.2	92.4	89.4	91.3	87.4

CQS Q values:

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
88.5	96.6	85.3	86.7	89.4	87.2	85.9	90.7	95.6	90.8	91.2	92.2	93.0	88.5	88.2

CQS: 89.3



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
2773 K	92.2	66.9	90.6	102.0	89.3	0.454	0.409	0.260	0.351	-0.0002

TM-30 Details

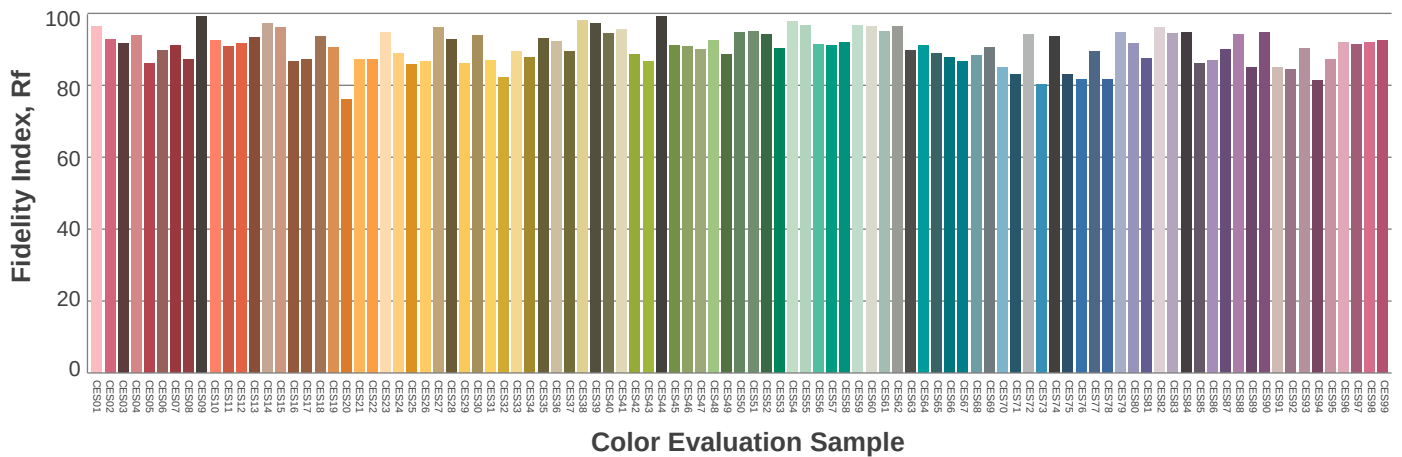
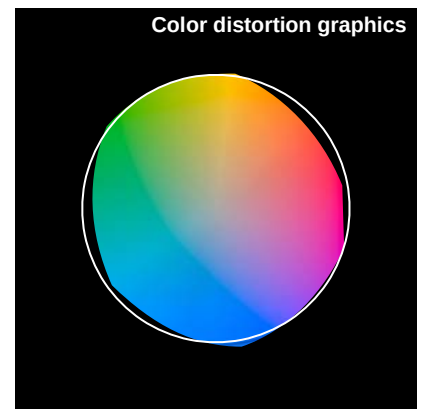
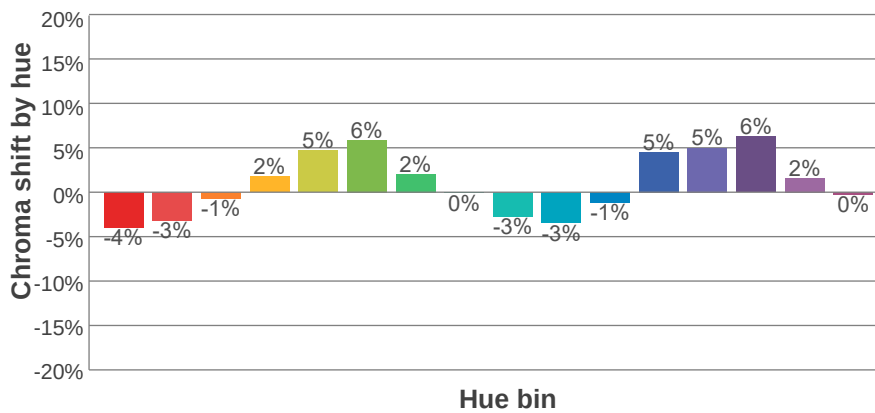
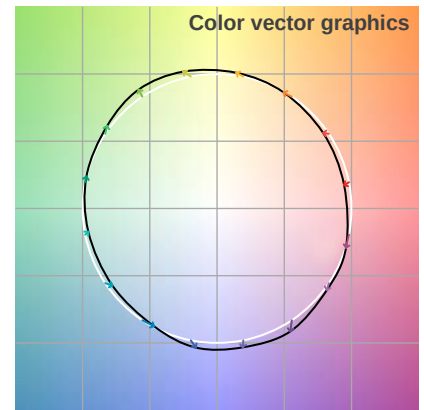
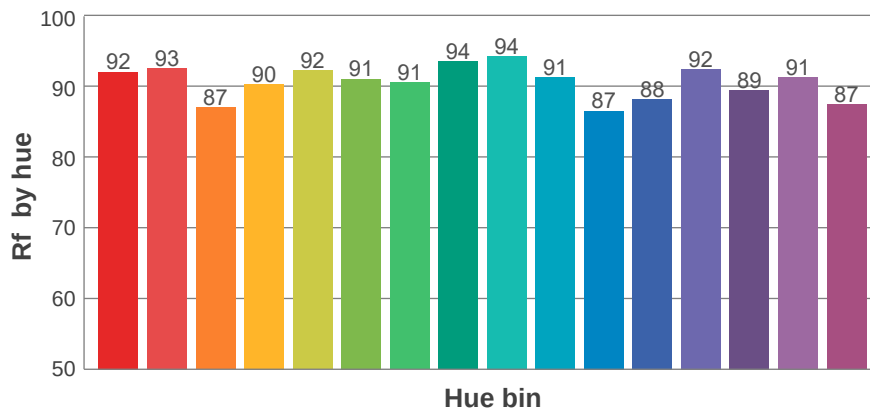
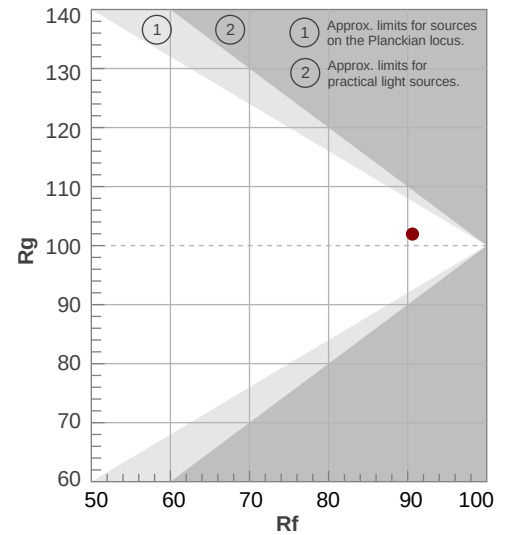
Rf 90.6

Fidelity index Rf

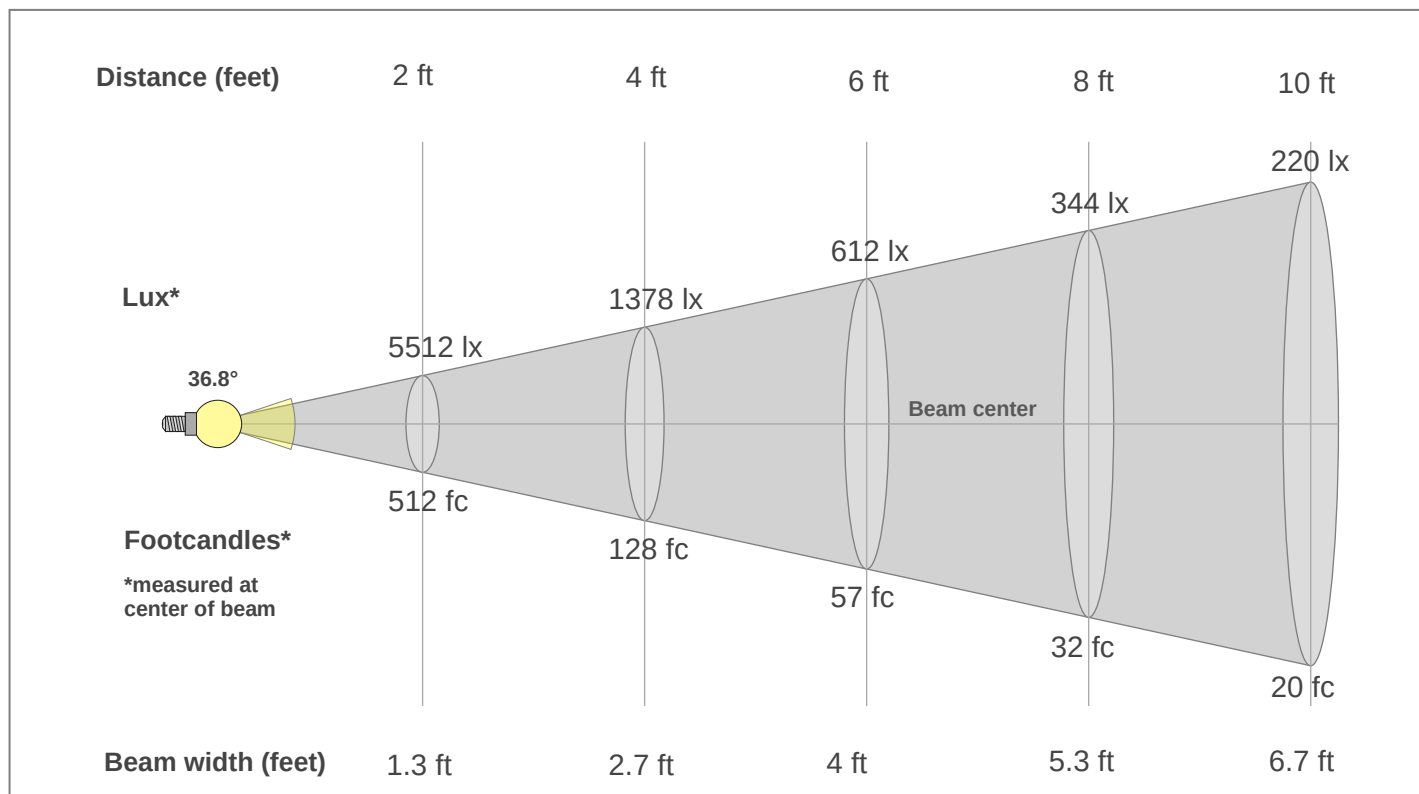
Rg 102.0

Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	92	-4%	-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%	-2%
10	91	-3%	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
2048lx	512lx	228lx	128lx	82lx	57lx	42lx	32lx	25lx	20lx	17lx	14lx	12lx	10lx	9lx	8lx	7lx	6lx	6lx	5lx
190.3fc	47.6fc	21.1fc	11.9fc	7.6fc	5.3fc	3.9fc	3fc	2.3fc	1.9fc	1.6fc	1.3fc	1.1fc	1fc	0.8fc	0.7fc	0.7fc	0.6fc	0.5fc	0.5fc

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°
2048	2039	2013	1965	1886	1774	1631	1458	1265	1065	869	690	533	407	309	236	183	141	108	84
100%	100%	98%	96%	92%	87%	80%	71%	62%	52%	42%	34%	26%	20%	15%	12%	9%	7%	5%	4%

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°
2048	2039	2013	1965	1886	1774	1631	1458	1265	1065	869	690	533	407	309	236	183	141	108	84
100%	100%	98%	96%	92%	87%	80%	71%	62%	52%	42%	34%	26%	20%	15%	12%	9%	7%	5%	4%

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°
2048	2039	2013	1965	1886	1774	1631	1458	1265	1065	869	690	533	407	309	236	183	141	108	84
100%	100%	98%	96%	92%	87%	80%	71%	62%	52%	42%	34%	26%	20%	15%	12%	9%	7%	5%	4%

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°
2048	2039	2013	1965	1886	1774	1631	1458	1265	1065	869	690	533	407	309	236	183	141	108	84
100%	100%	98%	96%	92%	87%	80%	71%	62%	52%	42%	34%	26%	20%	15%	12%	9%	7%	5%	4%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
36.8°	62.3°	83.8°	99.1%	97.8%