

Photometric / Colorimetric / Electric Report

Fixture Model:

202-S-BV-HI-30-25-PR1-2-FLS-2-BV

Trim Model:

Date:

7/30/2026



Light efficiency:

74 Lumen/Watt

Light quality:

CRI: 93.3

Color temperature:

3048 K

CIE 1931:

x: 0.433
y: 0.402

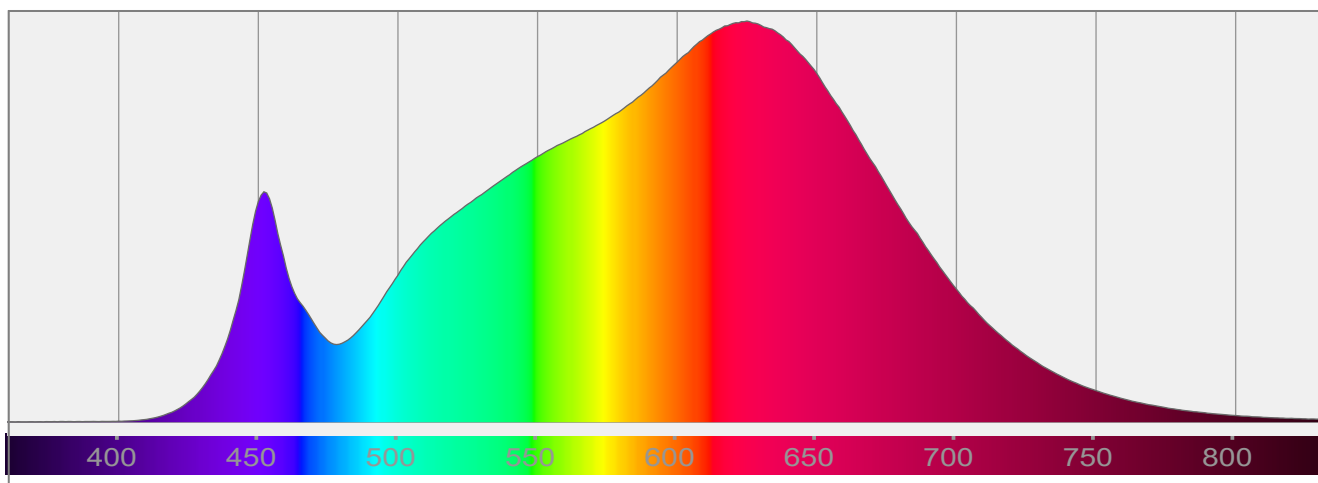
Output: 978 lm

Peak: 3461 cd

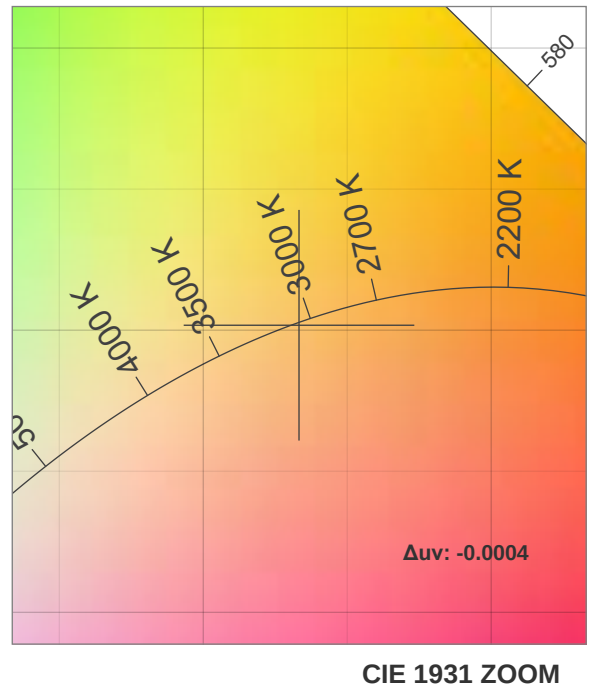
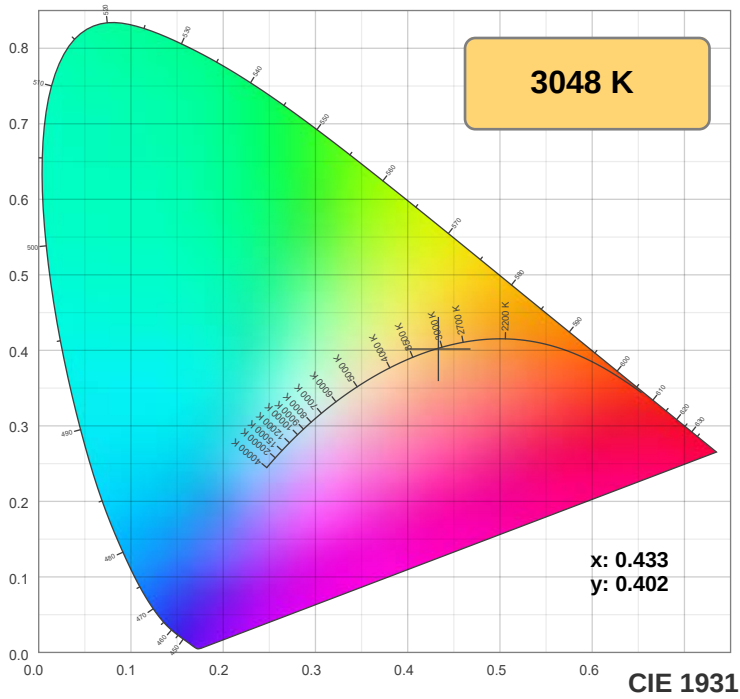
Power: 13.2 W

PF: 0.99

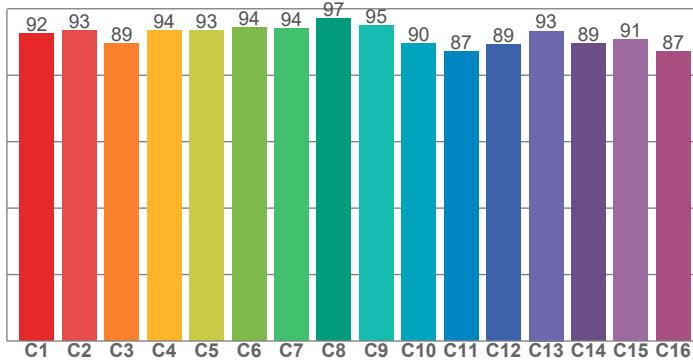
Spectra:



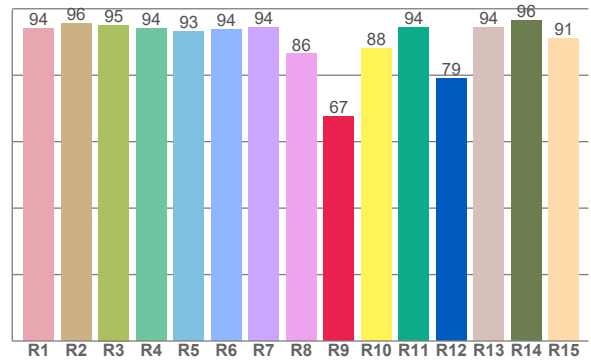
Color Details



TM-30: 91.9



CRI: 93.3 (R1-R8)



CRI R Values:

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
94.0	95.5	95.1	94.2	93.2	93.8	94.3	86.4	67.5	88.1	94.4	78.9	94.4	96.5	91.1

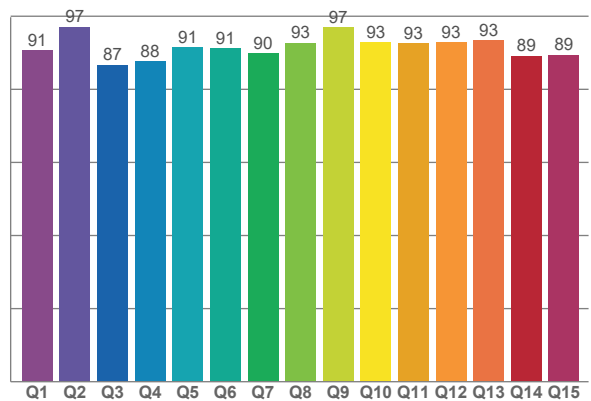
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92.4	93.3	89.5	93.5	93.3	94.4	94.0	97.1	95.0	89.5	87.2	89.3	93.3	89.4	90.8	87.1

CQS Q values:

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
90.6	97.1	86.7	87.7	91.4	91.1	89.8	92.8	96.9	92.8	92.6	93.0	93.4	89.2	89.5

CQS: 91.1



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
3048 K	93.3	67.5	91.9	100.8	91.1	0.433	0.402	0.249	0.347	-0.0004

TM-30 Details

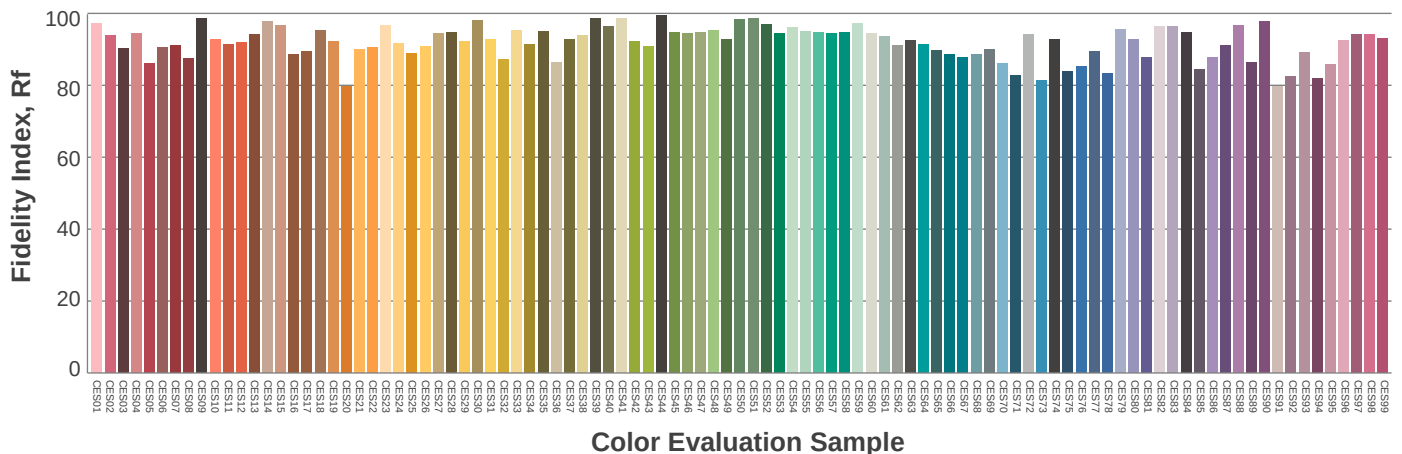
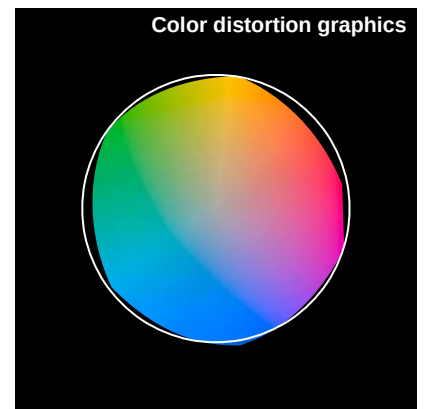
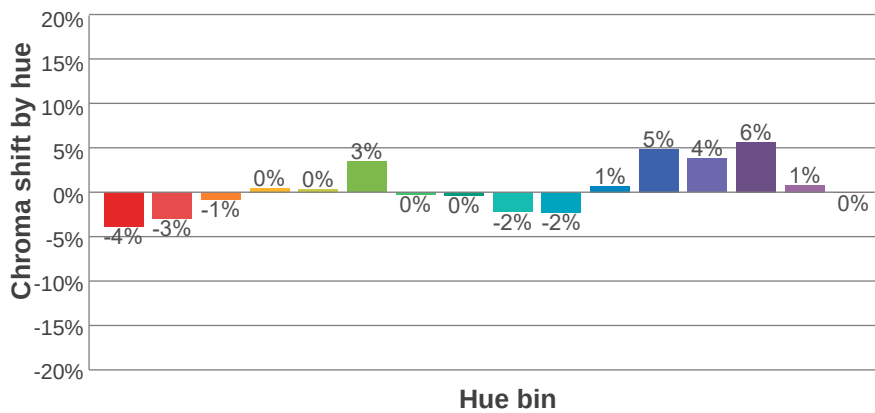
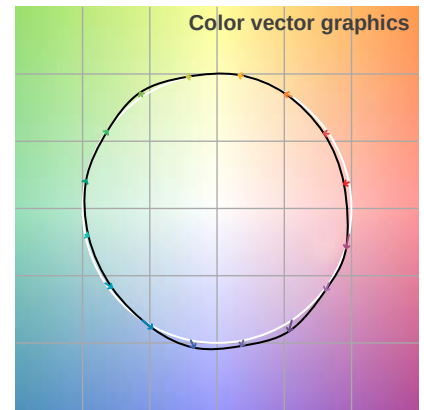
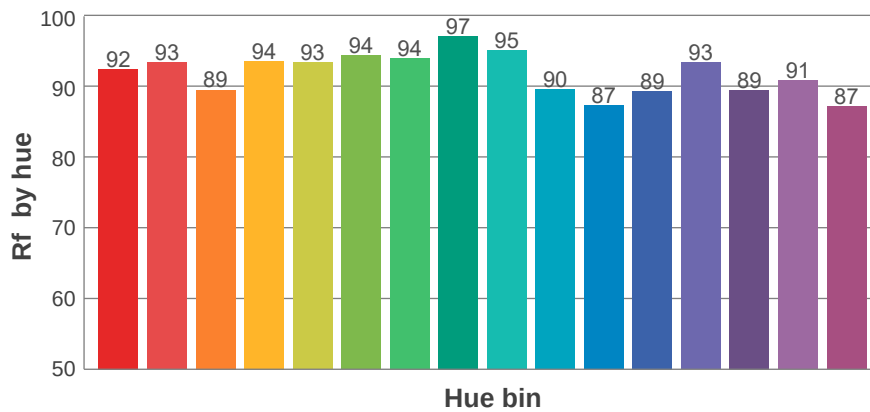
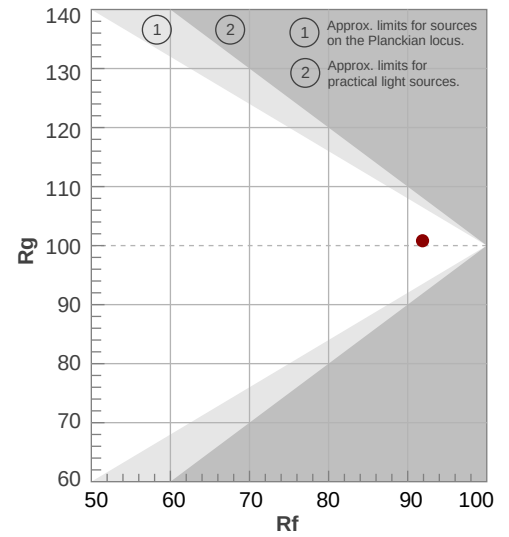
Rf 91.9

Fidelity index Rf

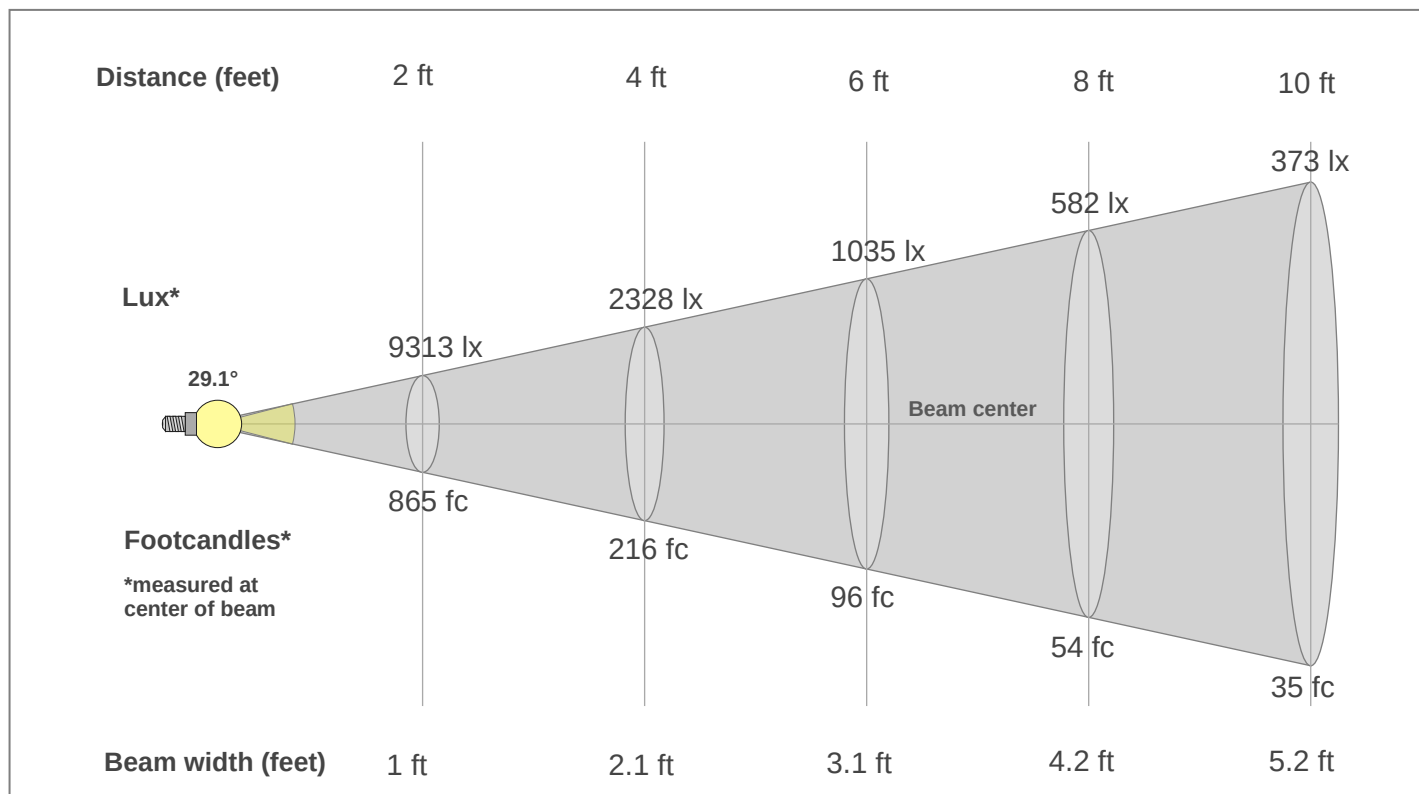
Rg 100.8

Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	92	-4%	-1%
2	93	-3%	2%
3	89	-1%	5%
4	94	0%	4%
5	93	0%	3%
6	94	3%	0%
7	94	0%	-3%
8	97	0%	-2%
9	95	-2%	2%
10	90	-2%	5%
11	87	1%	9%
12	89	5%	4%
13	93	4%	-2%
14	89	6%	-6%
15	91	1%	-6%
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
3461lx	865lx	385lx	216lx	138lx	96lx	71lx	54lx	43lx	35lx	29lx	24lx	20lx	18lx	15lx	14lx	12lx	11lx	10lx	9lx
321.5fc	80.4fc	35.7fc	20.1fc	12.9fc	8.9fc	6.6fc	5fc	4fc	3.2fc	2.7fc	2.2fc	1.9fc	1.6fc	1.4fc	1.3fc	1.1fc	1fc	0.9fc	0.8fc

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°
3461	3421	3309	3122	2881	2585	2233	1842	1425	1023	699	490	363	281	222	178	143	114	91	74
100%	99%	96%	90%	83%	75%	65%	53%	41%	30%	20%	14%	10%	8%	6%	5%	4%	3%	3%	2%

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°
3461	3421	3309	3122	2881	2585	2233	1842	1425	1023	699	490	363	281	222	178	143	114	91	74
100%	99%	96%	90%	83%	75%	65%	53%	41%	30%	20%	14%	10%	8%	6%	5%	4%	3%	3%	2%

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°
3461	3421	3309	3122	2881	2585	2233	1842	1425	1023	699	490	363	281	222	178	143	114	91	74
100%	99%	96%	90%	83%	75%	65%	53%	41%	30%	20%	14%	10%	8%	6%	5%	4%	3%	3%	2%

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°
3461	3421	3309	3122	2881	2585	2233	1842	1425	1023	699	490	363	281	222	178	143	114	91	74
100%	99%	96%	90%	83%	75%	65%	53%	41%	30%	20%	14%	10%	8%	6%	5%	4%	3%	3%	2%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
29.1°	48.8°	73°	99.1%	98.1%