

Photometric / Colorimetric / Electric Report

Fixture Model:

202-S-BV-HI-30-15-PR1-2-FLS-2-BV

Trim Model:

Date:

7/30/2026



Light efficiency:

74 Lumen/Watt

Light quality:

CRI: 93.3

Color temperature:

3043 K

CIE 1931:

**x: 0.434
y: 0.402**

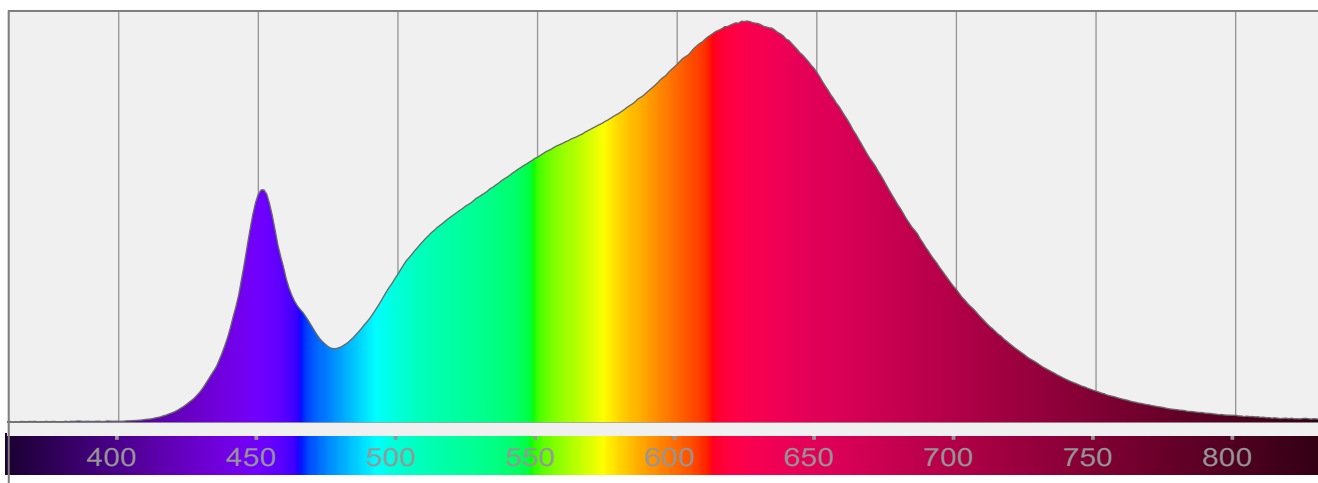
Output: 990 lm

Peak: 6185 cd

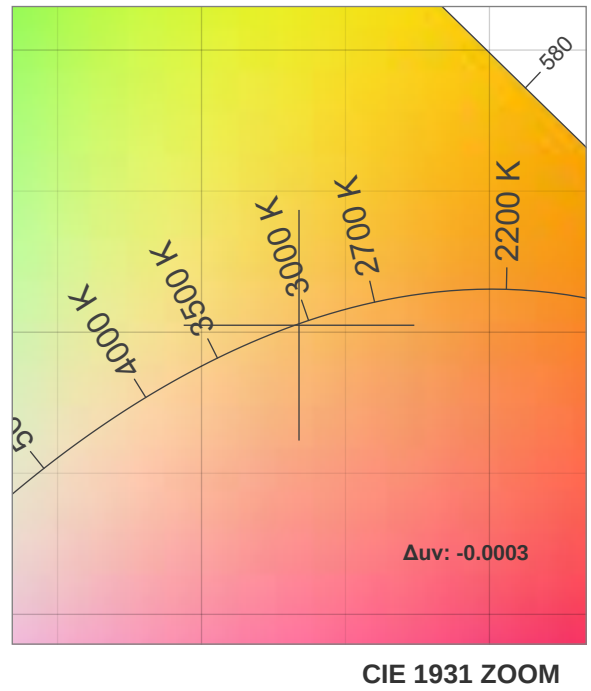
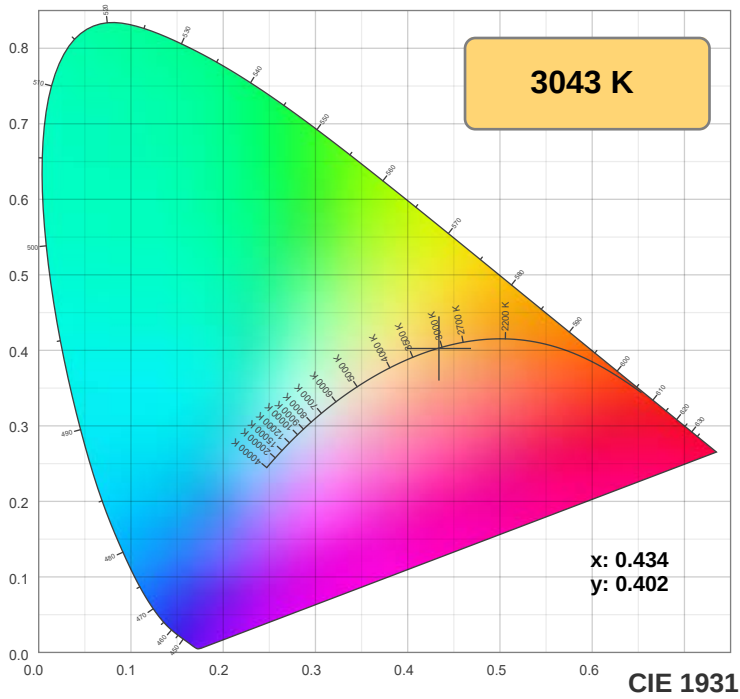
Power: 13.4 W

PF: 0.99

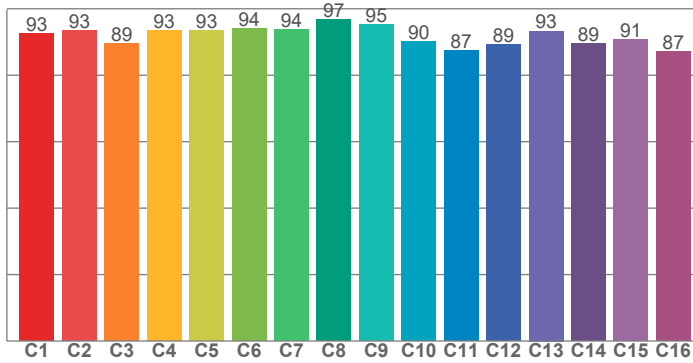
Spectra:



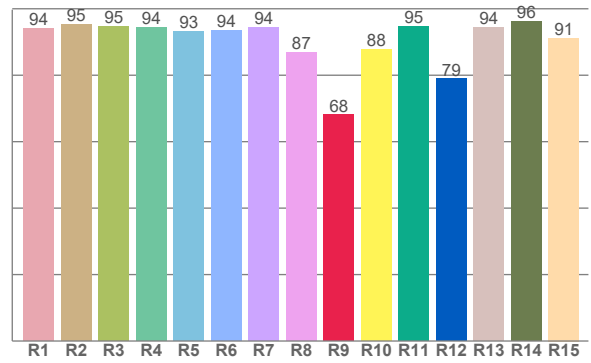
Color Details



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
94.1	95.3	94.8	94.3	93.2	93.6	94.4	86.8	68.0	87.7	94.6	78.9	94.3	96.3	91.2

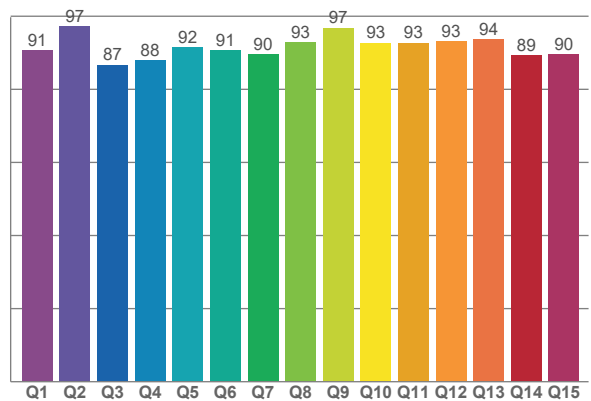
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92.6	93.5	89.4	93.3	93.3	94.0	93.9	96.8	95.2	90.1	87.4	89.2	93.3	89.5	90.7	87.2

CQS Q values:

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
90.6	97.2	86.7	88.0	91.5	90.8	89.7	92.9	96.8	92.7	92.8	93.2	93.6	89.3	89.6

CQS: 91.1



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
3043 K	93.3	68.0	91.9	101.1	91.1	0.434	0.402	0.249	0.347	-0.0003

TM-30 Details

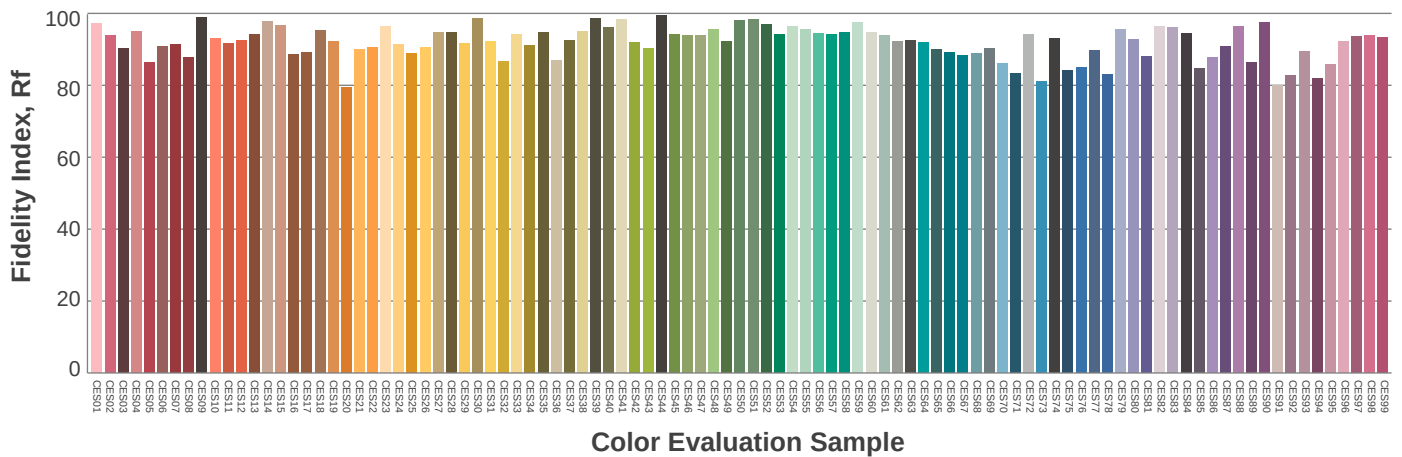
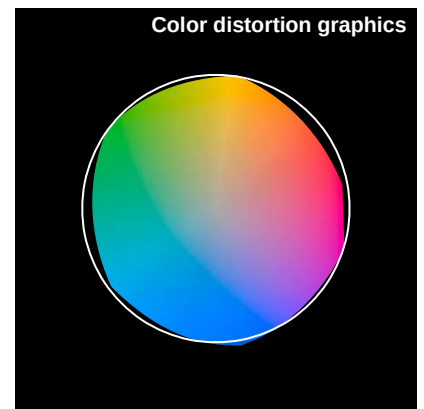
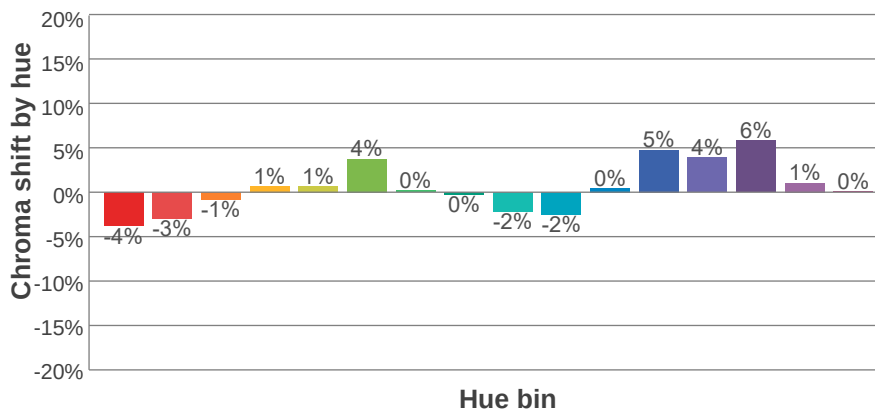
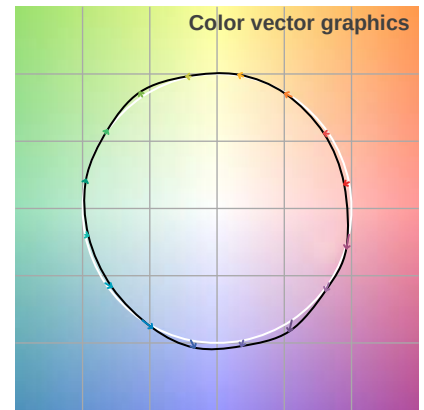
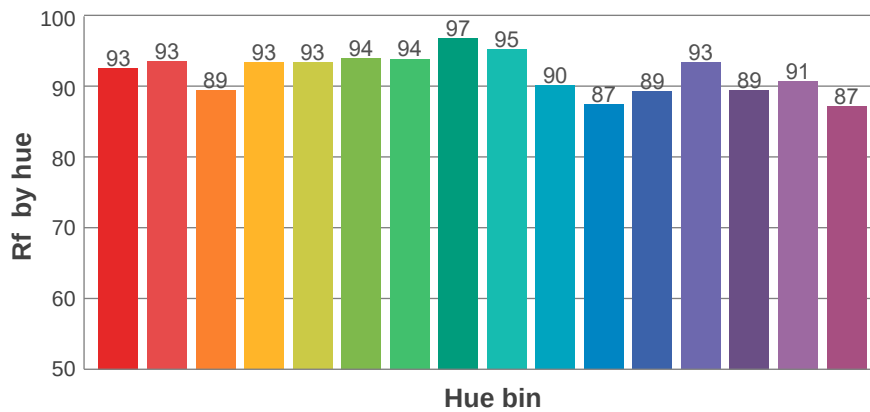
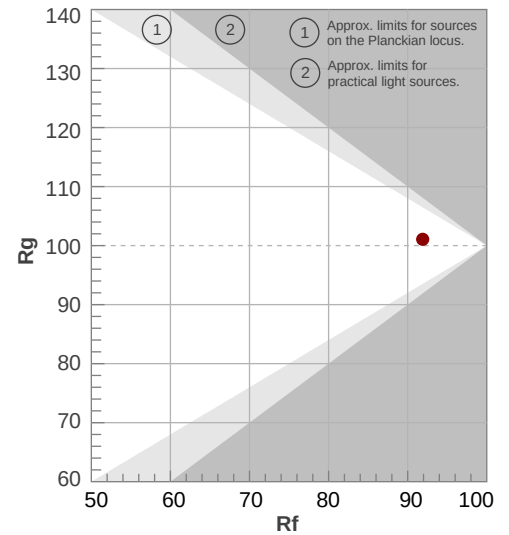
Rf 91.9

Fidelity index Rf

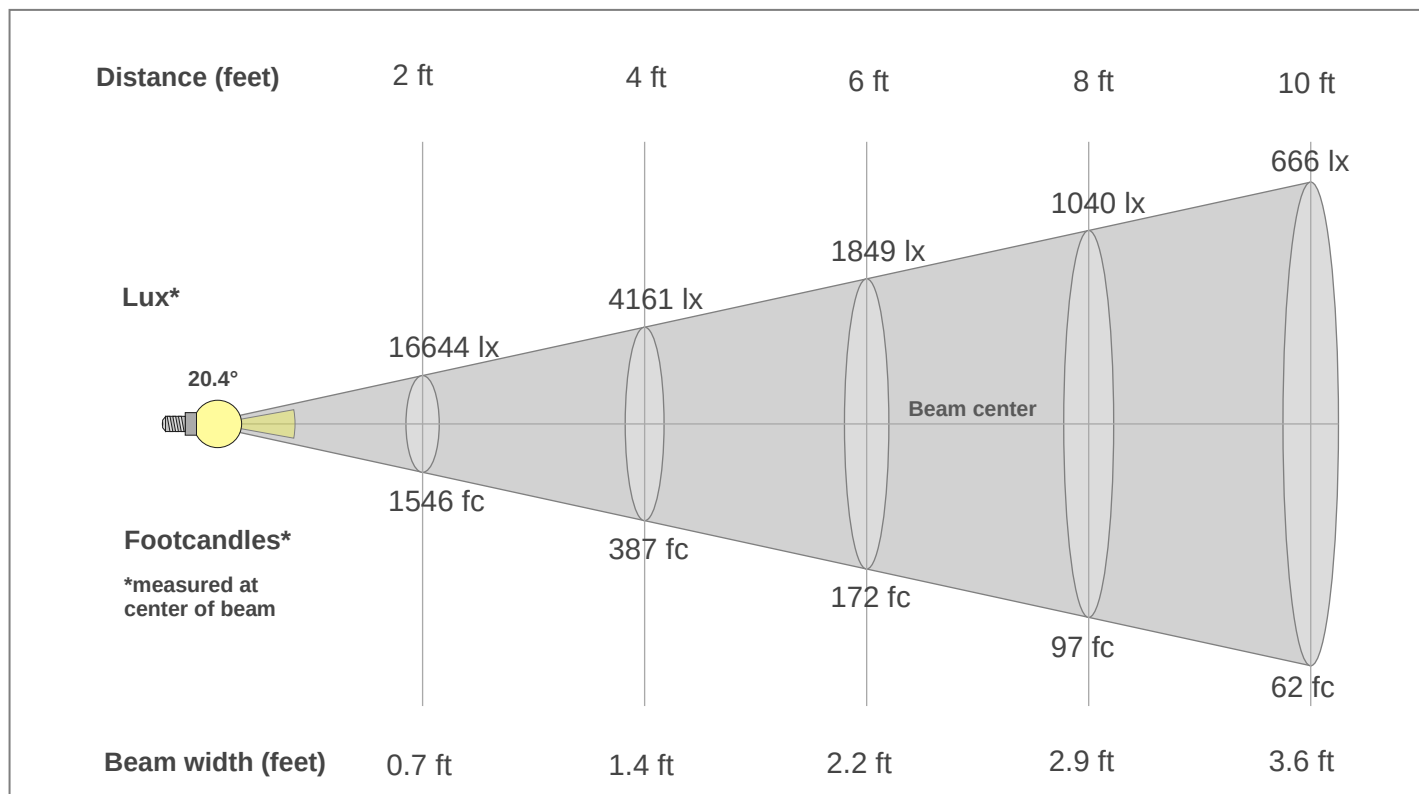
Rg 101.1

Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	93	-4%	-1%
2	93	-3%	2%
3	89	-1%	5%
4	93	1%	4%
5	93	1%	3%
6	94	4%	0%
7	94	0%	-3%
8	97	0%	-2%
9	95	-2%	1%
10	90	-2%	5%
11	87	0%	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
6185lx	1546lx	687lx	387lx	247lx	172lx	126lx	97lx	76lx	62lx	51lx	43lx	37lx	32lx	27lx	24lx	21lx	19lx	17lx	15lx
574.6fc	143.7fc	63.8fc	35.9fc	23fc	16fc	11.7fc	9fc	7.1fc	5.7fc	4.7fc	4fc	3.4fc	2.9fc	2.6fc	2.2fc	2fc	1.8fc	1.6fc	1.4fc

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°
6185	6100	5896	5635	5383	5137	4858	4518	4106	3646	3178	2723	2294	1910	1577	1290	1045	840	674	545
100%	99%	95%	91%	87%	83%	79%	73%	66%	59%	51%	44%	37%	31%	25%	21%	17%	14%	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°
6185	6100	5896	5635	5383	5137	4858	4518	4106	3646	3178	2723	2294	1910	1577	1290	1045	840	674	545
100%	99%	95%	91%	87%	83%	79%	73%	66%	59%	51%	44%	37%	31%	25%	21%	17%	14%	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°
6185	6100	5896	5635	5383	5137	4858	4518	4106	3646	3178	2723	2294	1910	1577	1290	1045	840	674	545
100%	99%	95%	91%	87%	83%	79%	73%	66%	59%	51%	44%	37%	31%	25%	21%	17%	14%	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°
6185	6100	5896	5635	5383	5137	4858	4518	4106	3646	3178	2723	2294	1910	1577	1290	1045	840	674	545
100%	99%	95%	91%	87%	83%	79%	73%	66%	59%	51%	44%	37%	31%	25%	21%	17%	14%	11%	9%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
20.4°	36.8°	55.9°	99.0%	98.1%