

Photometric / Colorimetric / Electric Report

Fixture Model:

202-R-BV-HI-30-15-PR1-2-FLR-2-BV

Trim Model:

Date:

7/7/2026



Light efficiency:

72 Lumen/Watt

Light quality:

CRI: 93.3

Color temperature:

3037 K

CIE 1931:

**x: 0.434
y: 0.403**

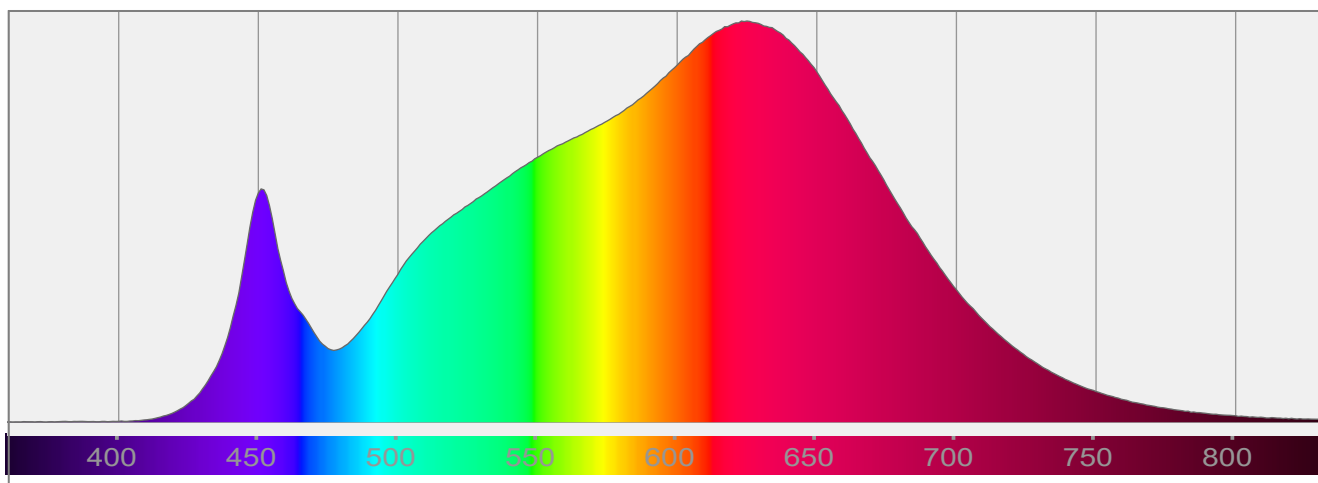
Output: 963 lm

Peak: 5993 cd

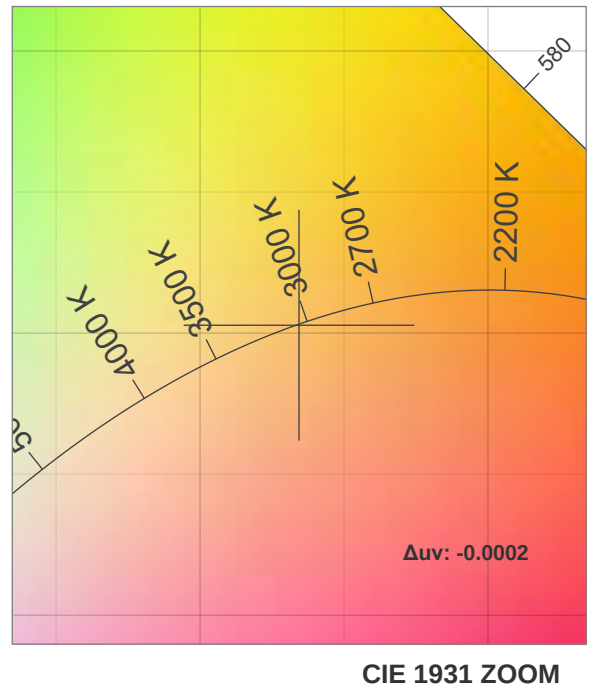
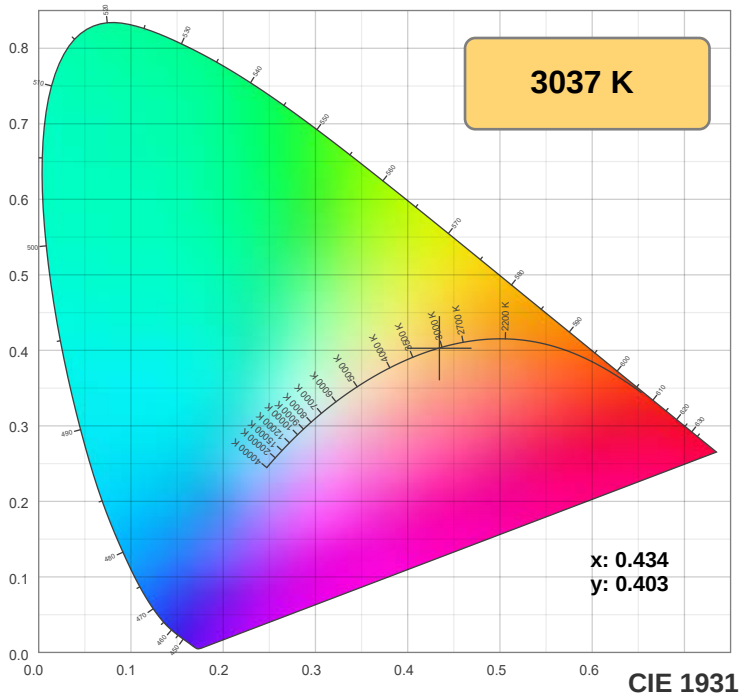
Power: 13.5 W

PF: 0.99

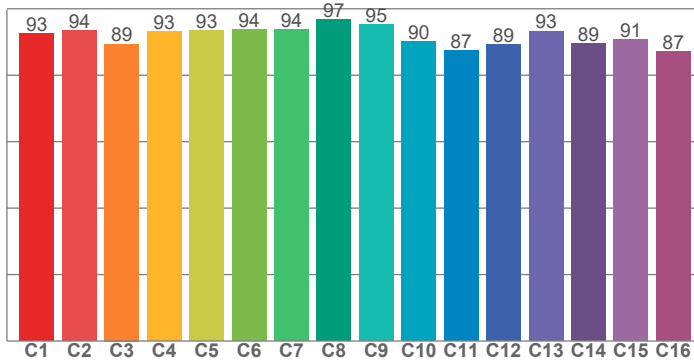
Spectra:



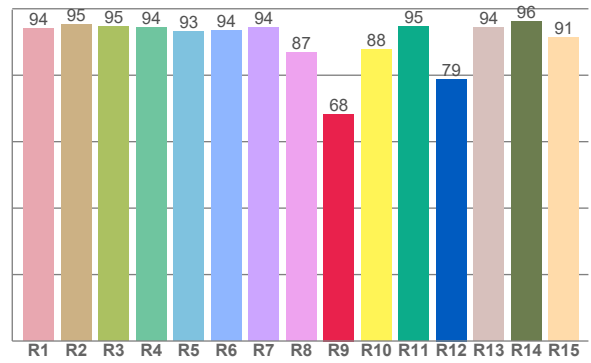
Color Details



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	94.7	94.4	93.2	93.5	94.5	86.9	68.3	87.7	94.7	78.9	94.3	96.2	91.2

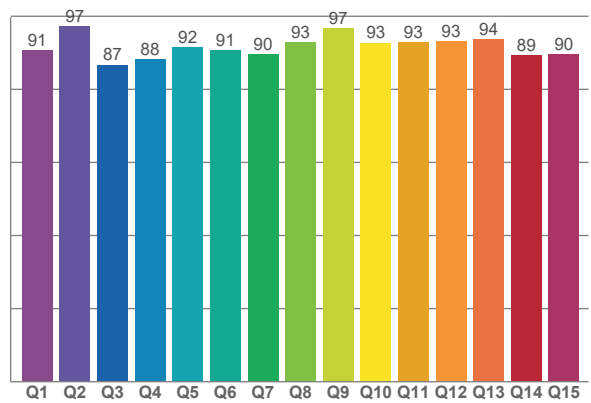
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92.6	93.5	89.4	93.2	93.3	93.8	93.8	96.7	95.2	90.3	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	88.1	91.5	90.7	89.7	92.9	96.8	92.7	92.8	93.2	93.7	89.4	89.6

CQS: 91.1



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
3037 K	93.3	68.3	91.9	101.2	91.1	0.434	0.403	0.249	0.347	-0.0002

TM-30 Details

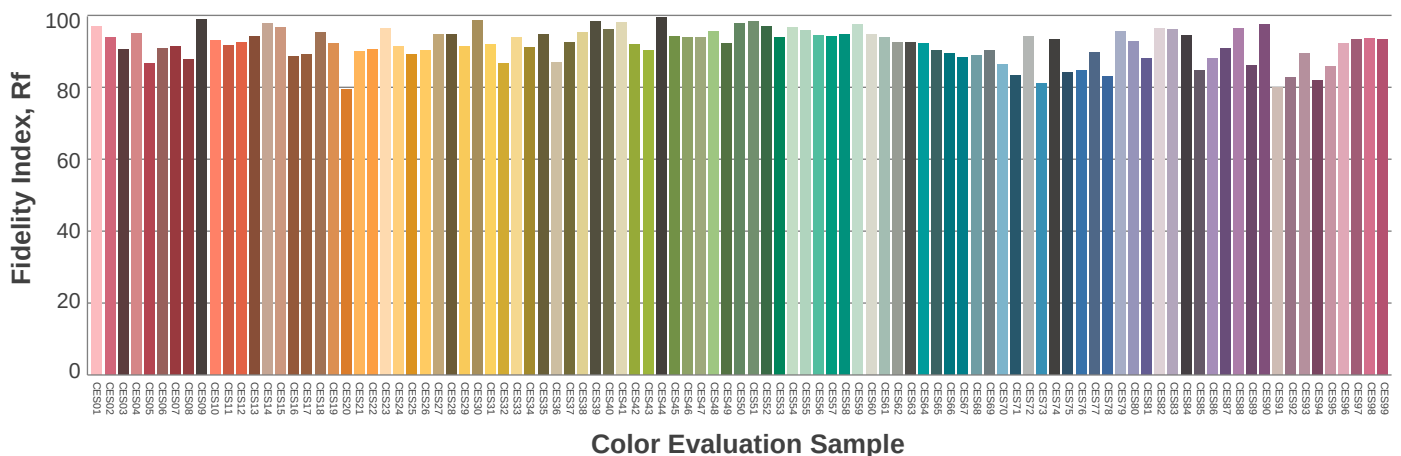
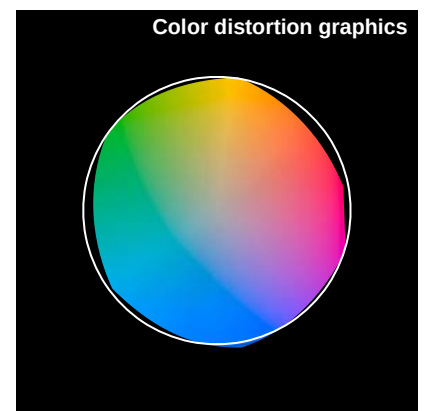
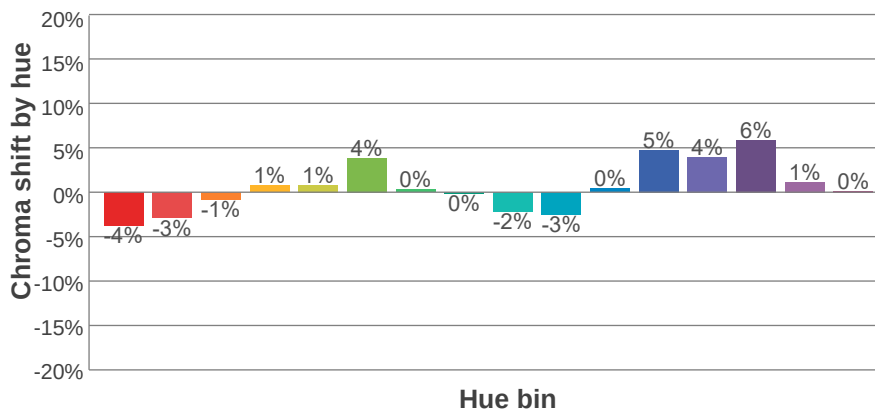
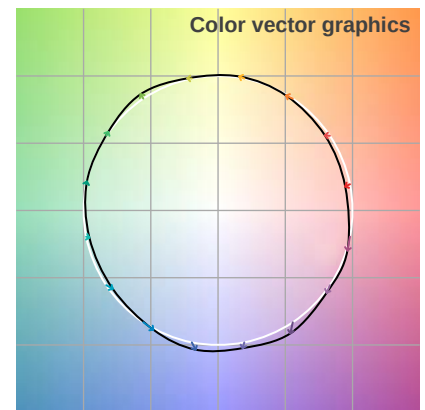
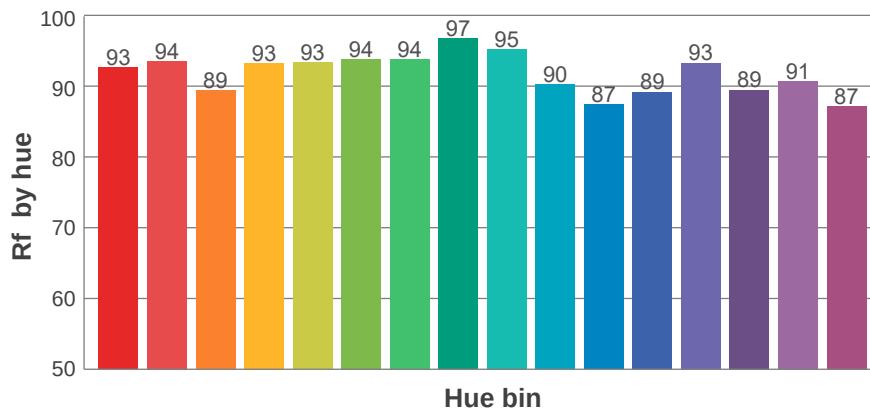
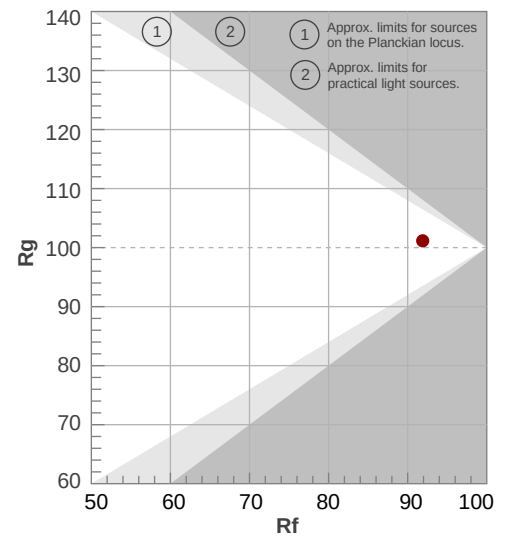
Rf 91.9

Fidelity index Rf

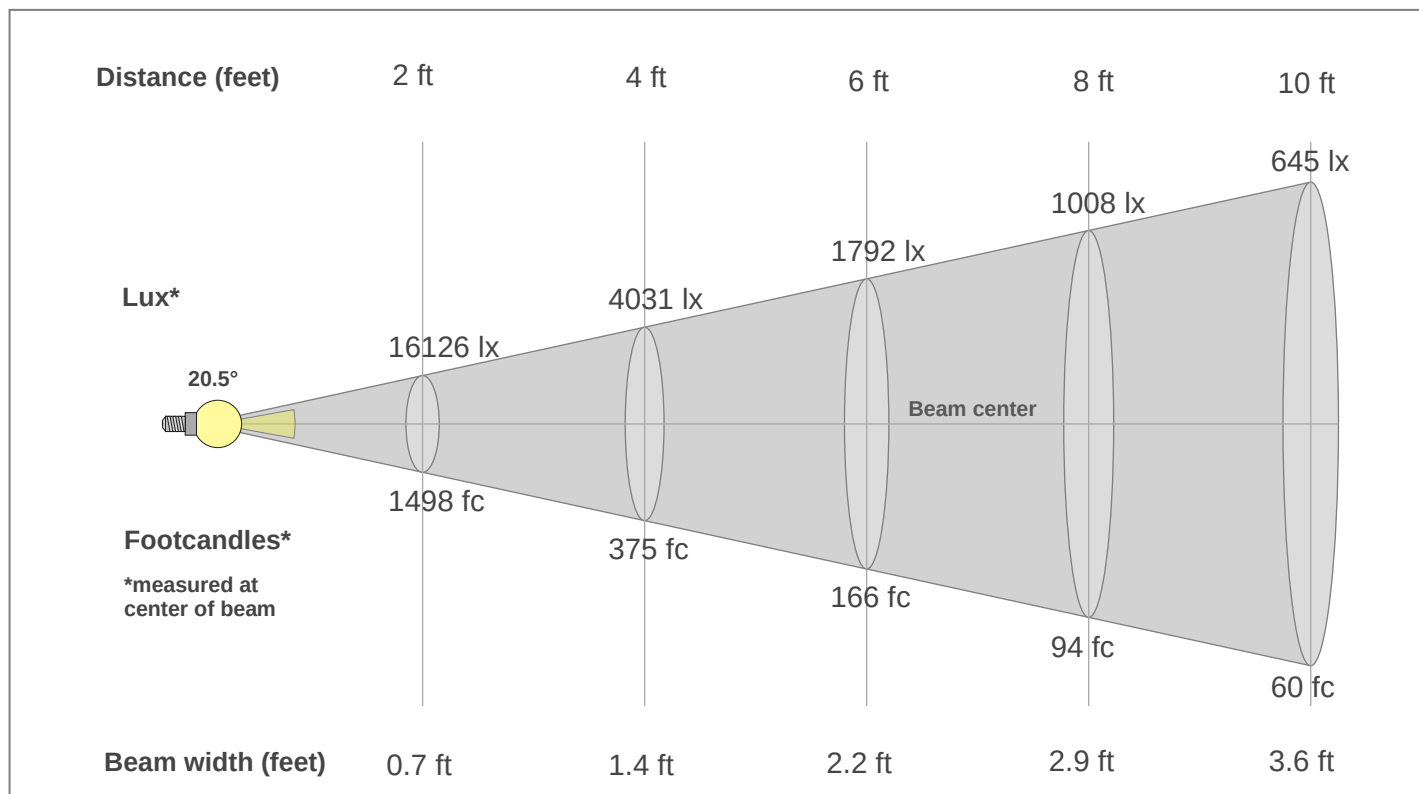
Rg 101.2

Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	93	-4%	-1%
2	94	-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	-3%	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
5993lx	1498lx	666lx	375lx	240lx	166lx	122lx	94lx	74lx	60lx	50lx	42lx	35lx	31lx	27lx	23lx	21lx	18lx	17lx	15lx
556.7fc	139.2fc	61.9fc	34.8fc	22.3fc	15.5fc	11.4fc	8.7fc	6.9fc	5.6fc	4.6fc	3.9fc	3.3fc	2.8fc	2.5fc	2.2fc	1.9fc	1.7fc	1.5fc	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°
5993	5926	5749	5510	5266	5007	4710	4371	3985	3556	3108	2672	2268	1904	1583	1306	1072	878	721	595
100%	99%	96%	92%	88%	84%	79%	73%	66%	59%	52%	45%	38%	32%	26%	22%	18%	15%	12%	10%

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°
5993	5926	5749	5510	5266	5007	4710	4371	3985	3556	3108	2672	2268	1904	1583	1306	1072	878	721	595
100%	99%	96%	92%	88%	84%	79%	73%	66%	59%	52%	45%	38%	32%	26%	22%	18%	15%	12%	10%

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°
5993	5926	5749	5510	5266	5007	4710	4371	3985	3556	3108	2672	2268	1904	1583	1306	1072	878	721	595
100%	99%	96%	92%	88%	84%	79%	73%	66%	59%	52%	45%	38%	32%	26%	22%	18%	15%	12%	10%

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°
5993	5926	5749	5510	5266	5007	4710	4371	3985	3556	3108	2672	2268	1904	1583	1306	1072	878	721	595
100%	99%	96%	92%	88%	84%	79%	73%	66%	59%	52%	45%	38%	32%	26%	22%	18%	15%	12%	10%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
20.5°	37.9°	56.1°	99.3%	98.8%