

Photometric / Colorimetric / Electric Report

Fixture Model:
202-R-BV-HI-30-40-PR1-2-FLR-2-BV
Trim Model:

Date:
7/7/2026



Light efficiency:
78 Lumen/Watt

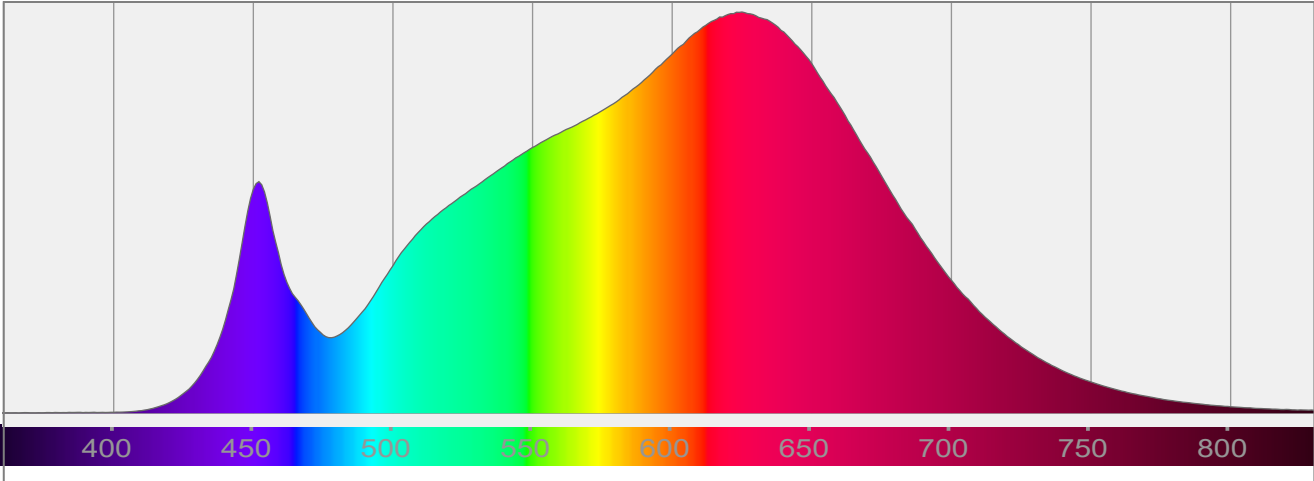
Light quality:
CRI: 93.3

Color temperature:
3044 K

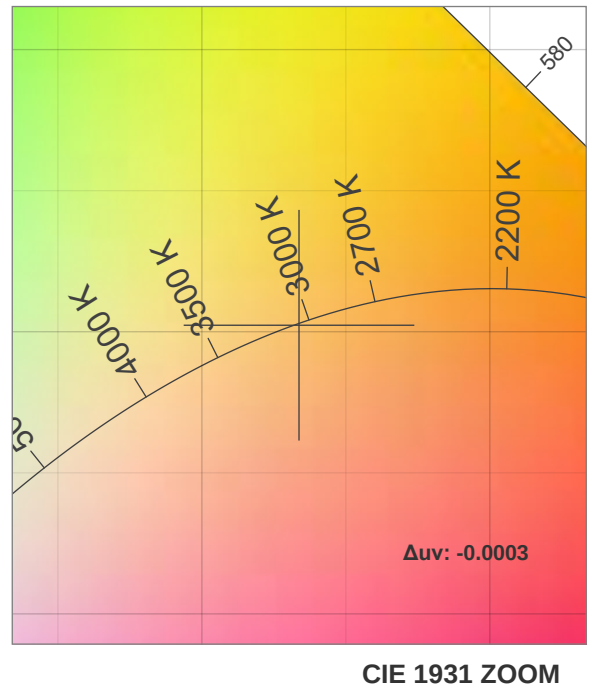
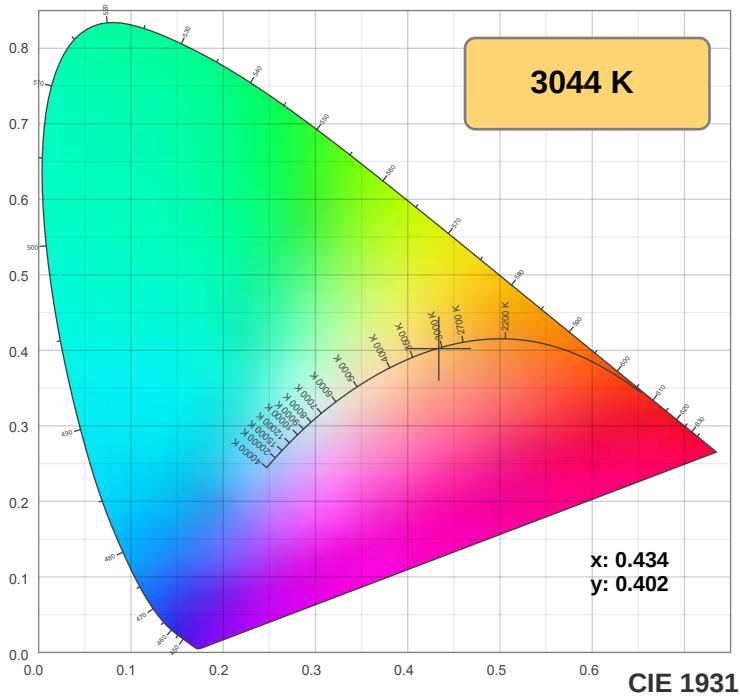
CIE 1931:
x: 0.434
y: 0.402

Output:	1042 lm
Peak:	2623 cd
Power:	13.3 W
PF:	0.99

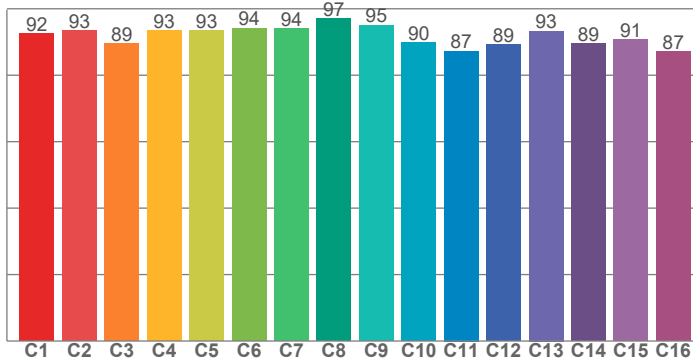
Spectra:



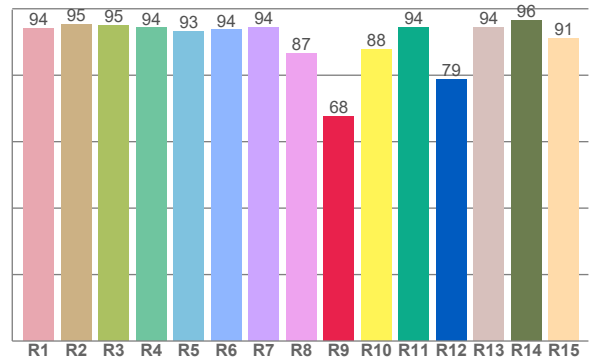
Color Details



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	95.4	94.9	94.2	93.1	93.6	94.4	86.6	67.7	87.8	94.5	78.8	94.3	96.4	91.1

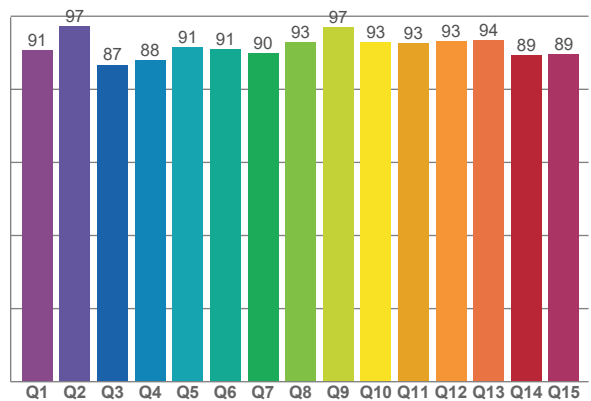
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92.5	93.4	89.5	93.4	93.3	94.2	93.9	97.0	95.1	89.8	87.3	89.3	93.3	89.4	90.7	87.1

CQS Q values:

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
90.6	97.2	86.7	87.8	91.4	91.0	89.8	92.8	96.9	92.8	92.7	93.1	93.5	89.2	89.5

CQS: 91.1



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
3044 K	93.3	67.7	91.9	100.9	91.1	0.434	0.402	0.249	0.347	-0.0003

TM-30 Details

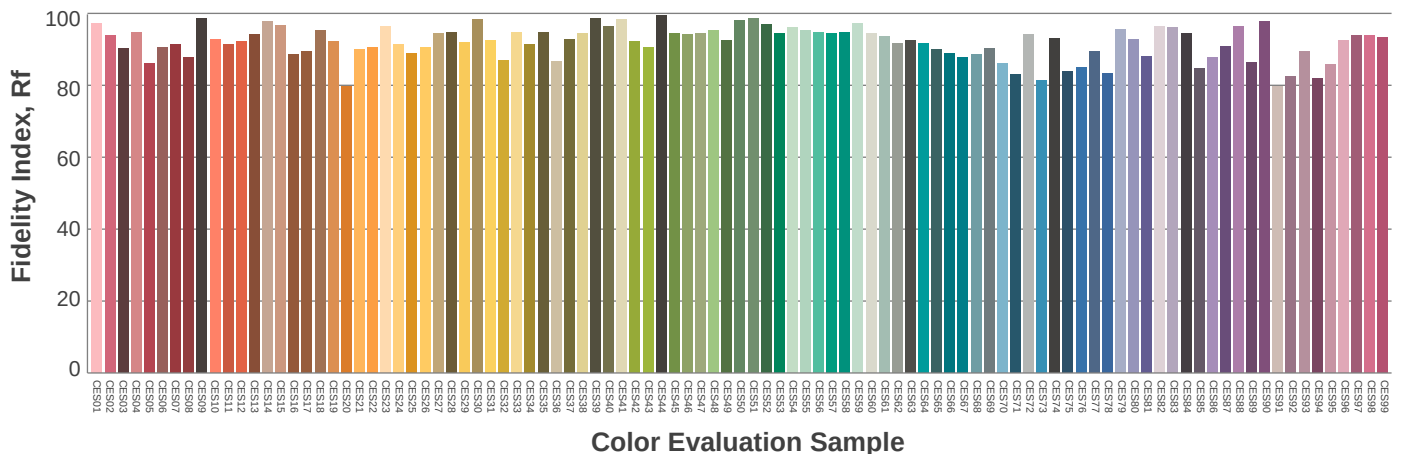
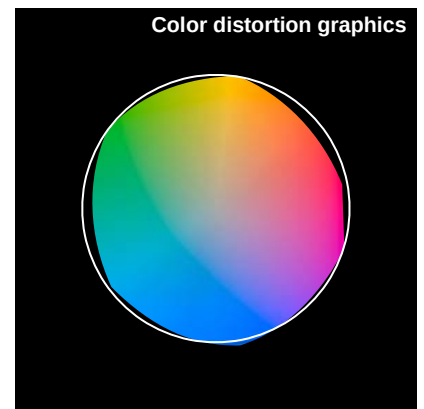
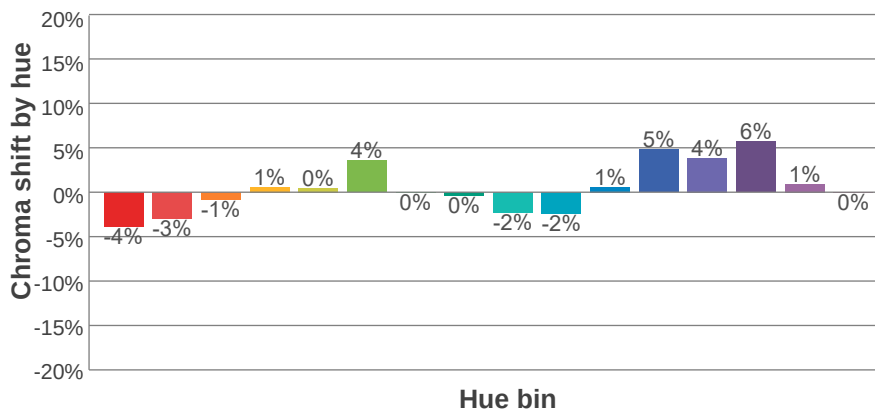
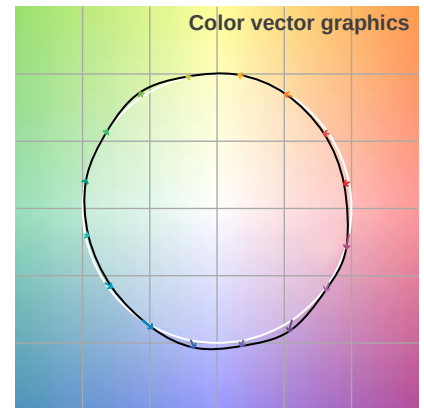
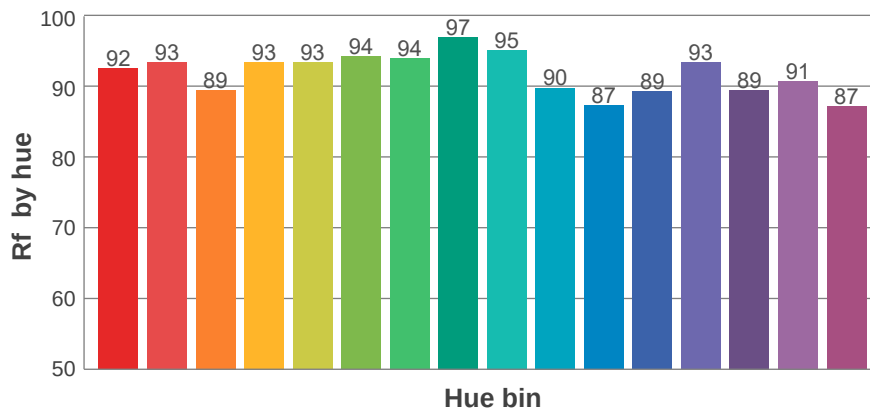
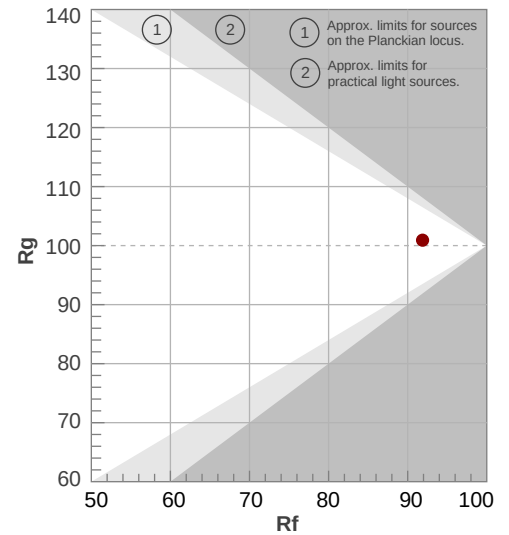
Rf 91.9

Fidelity index Rf

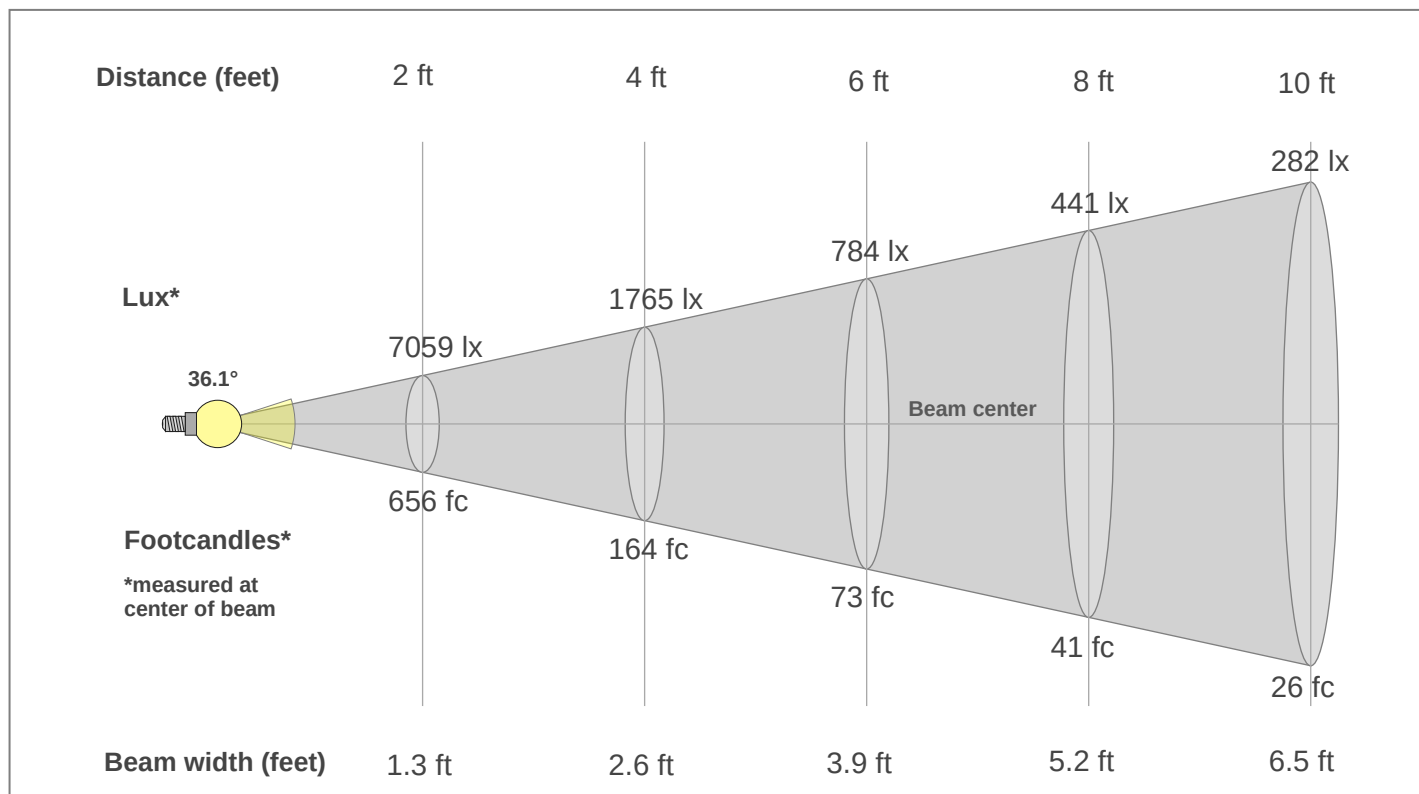
Rg 100.9

Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	92	-4%	-1%
2	93	-3%	2%
3	89	-1%	5%
4	93	1%	4%
5	93	0%	3%
6	94	4%	0%
7	94	0%	-3%
8	97	0%	-2%
9	95	-2%	1%
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
2623lx	656lx	291lx	164lx	105lx	73lx	54lx	41lx	32lx	26lx	22lx	18lx	16lx	13lx	12lx	10lx	9lx	8lx	7lx	7lx
243.7fc	60.9fc	27.1fc	15.2fc	9.7fc	6.8fc	5fc	3.8fc	3fc	2.4fc	2fc	1.7fc	1.4fc	1.2fc	1.1fc	1fc	0.8fc	0.8fc	0.7fc	0.6fc

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°
2623	2613	2580	2516	2407	2251	2055	1822	1573	1318	1066	831	621	448	319	236	179	127	81	51
100%	100%	98%	96%	92%	86%	78%	69%	60%	50%	41%	32%	24%	17%	12%	9%	7%	5%	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°
2623	2613	2580	2516	2407	2251	2055	1822	1573	1318	1066	831	621	448	319	236	179	127	81	51
100%	100%	98%	96%	92%	86%	78%	69%	60%	50%	41%	32%	24%	17%	12%	9%	7%	5%	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°
2623	2613	2580	2516	2407	2251	2055	1822	1573	1318	1066	831	621	448	319	236	179	127	81	51
100%	100%	98%	96%	92%	86%	78%	69%	60%	50%	41%	32%	24%	17%	12%	9%	7%	5%	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°
2623	2613	2580	2516	2407	2251	2055	1822	1573	1318	1066	831	621	448	319	236	179	127	81	51
100%	100%	98%	96%	92%	86%	78%	69%	60%	50%	41%	32%	24%	17%	12%	9%	7%	5%	3%	2%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
36.1°	58.6°	73.8°	99.0%	98.2%