

Photometric / Colorimetric / Electric Report

Fixture Model:

202-R-HI-30-25-PR1-2-FLR-2

Trim Model:

Date:

7/10/2026



Light efficiency:

62 Lumen/Watt

Light quality:

CRI: 93.3

Color temperature:

3036 K

CIE 1931:

x: 0.434
y: 0.402

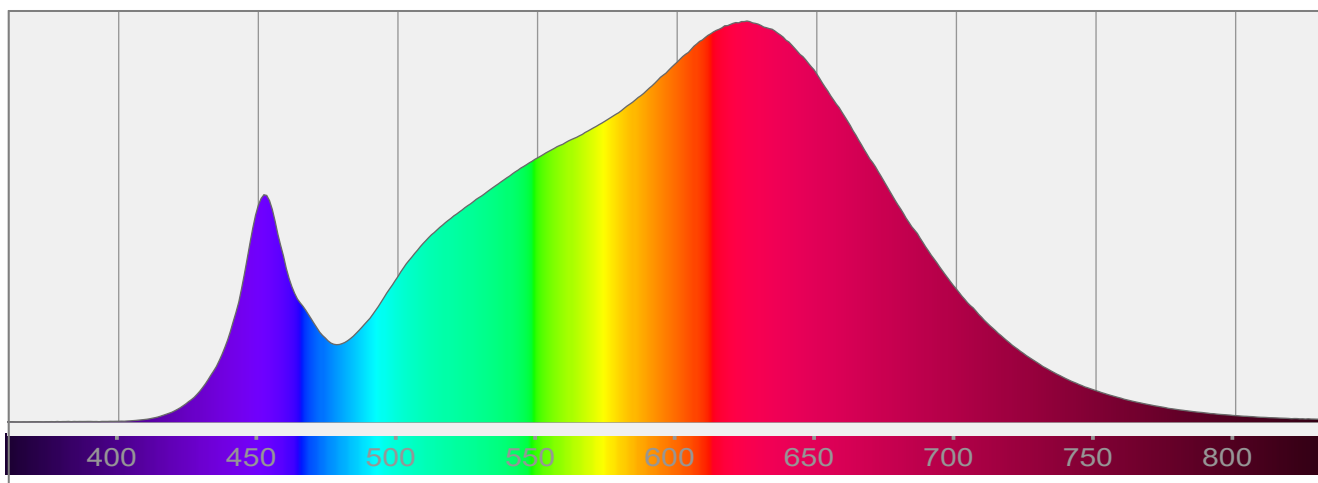
Output: 826 lm

Peak: 3418 cd

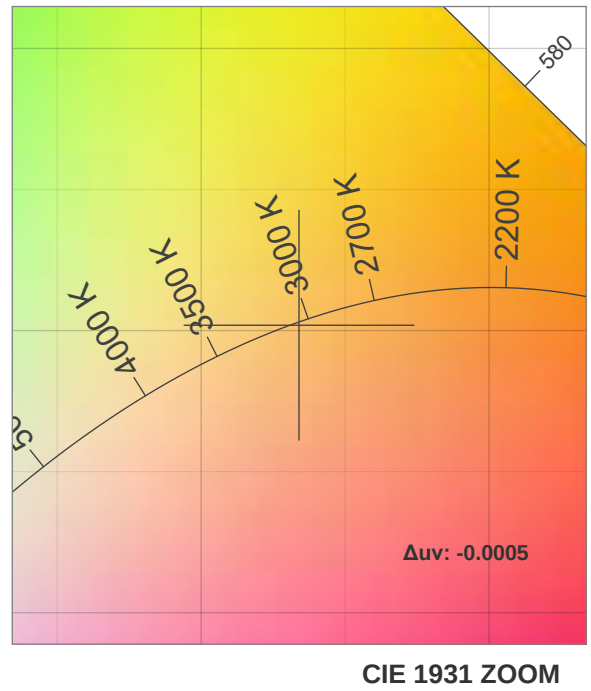
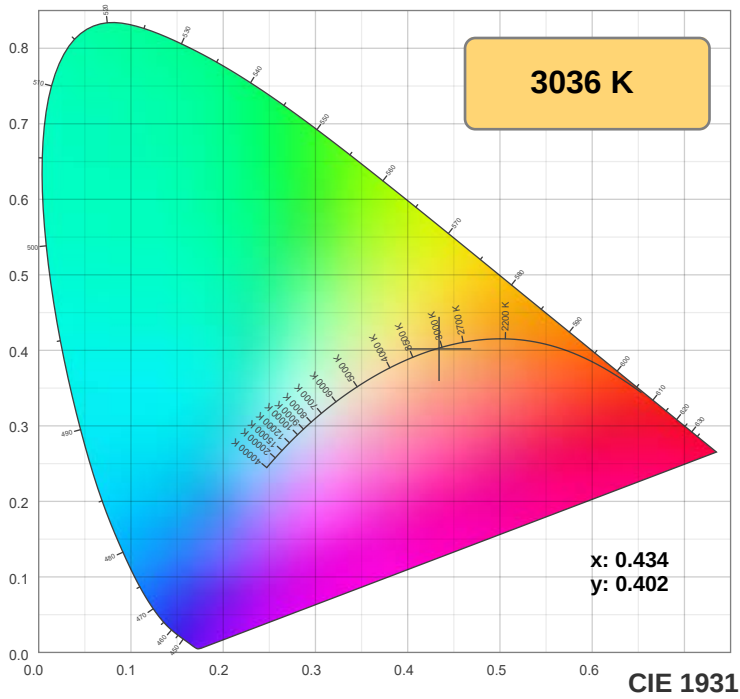
Power: 13.4 W

PF: 0.99

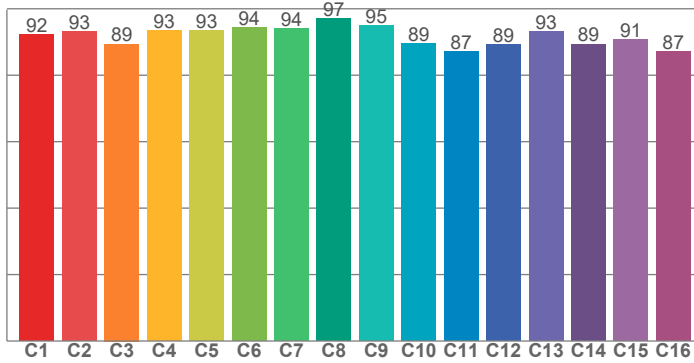
Spectra:



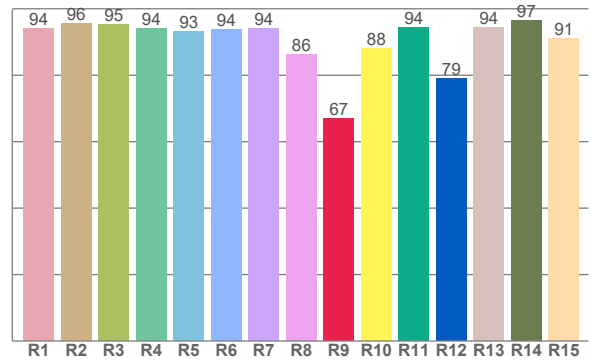
Color Details



TM-30: 91.8



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	95.2	94.1	93.1	93.8	94.2	86.2	67.1	88.1	94.3	79.0	94.3	96.5	91.0

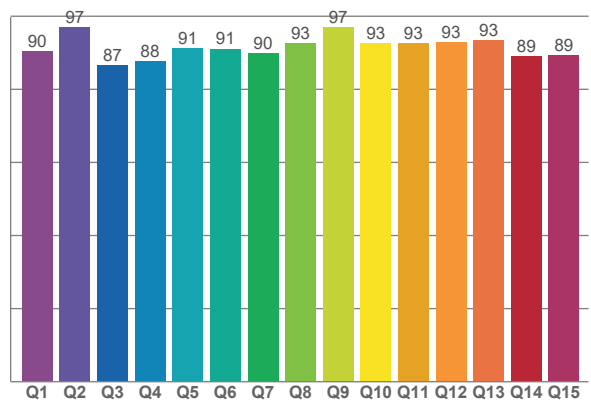
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92.4	93.2	89.4	93.5	93.3	94.3	93.9	97.0	95.0	89.5	87.2	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
90.5	97.1	86.7	87.6	91.3	91.1	89.8	92.6	96.9	92.7	92.5	92.9	93.3	89.1	89.3

CQS: 91.0



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
3036 K	93.3	67.1	91.8	100.8	91.0	0.434	0.402	0.250	0.347	-0.0005

TM-30 Details

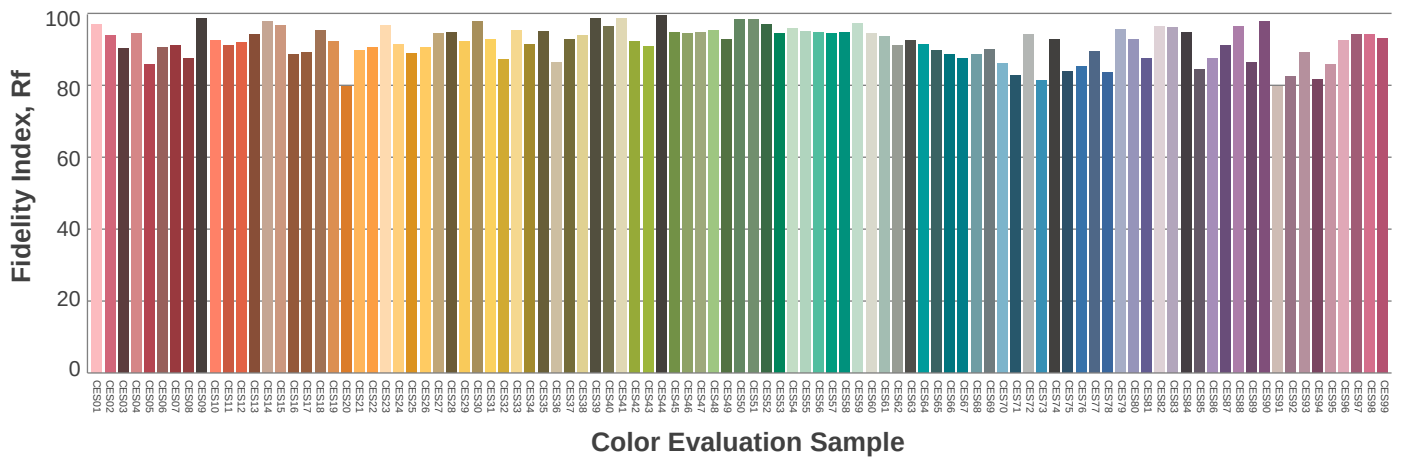
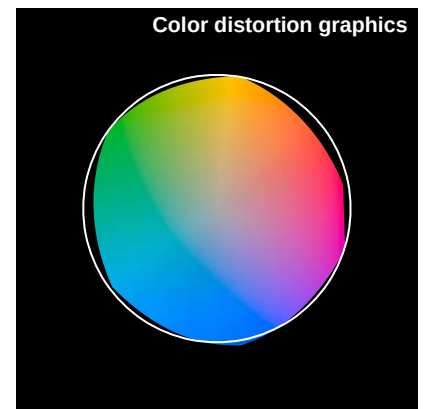
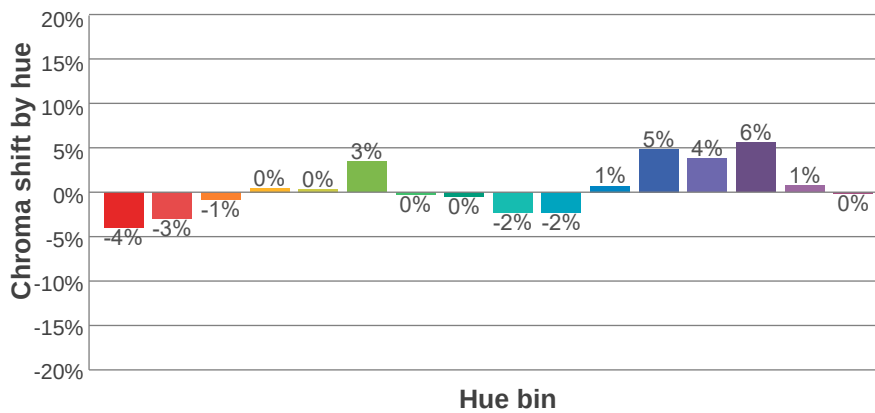
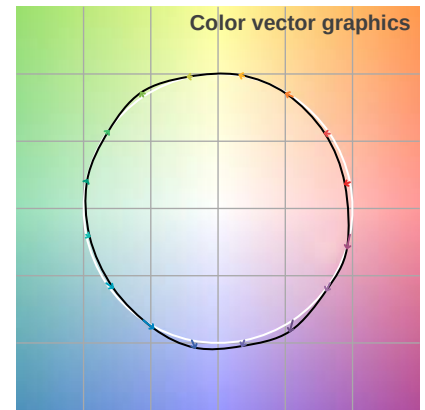
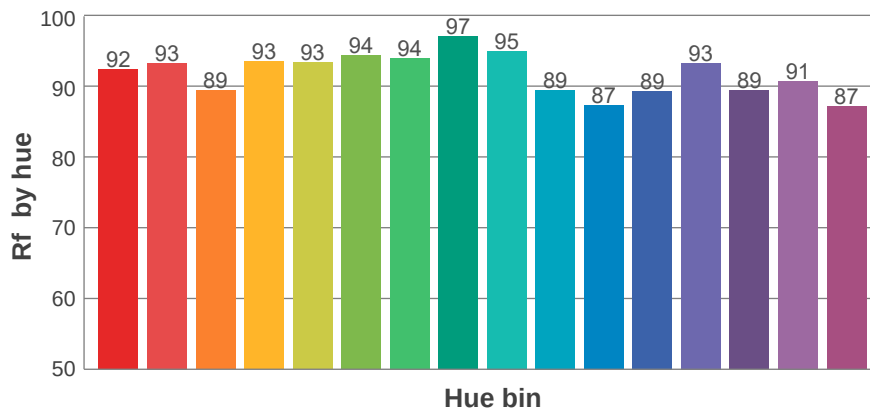
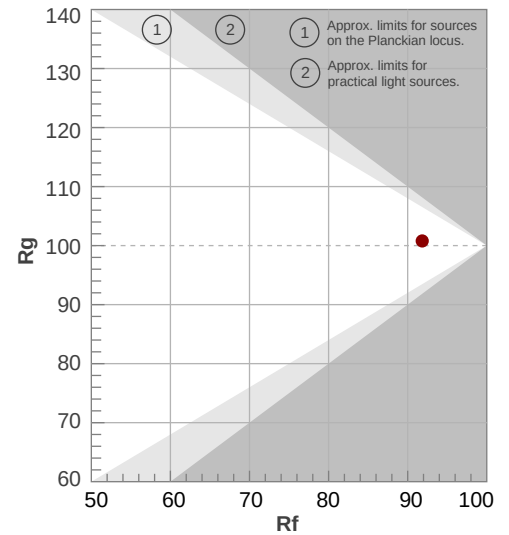
Rf 91.8

Fidelity index Rf

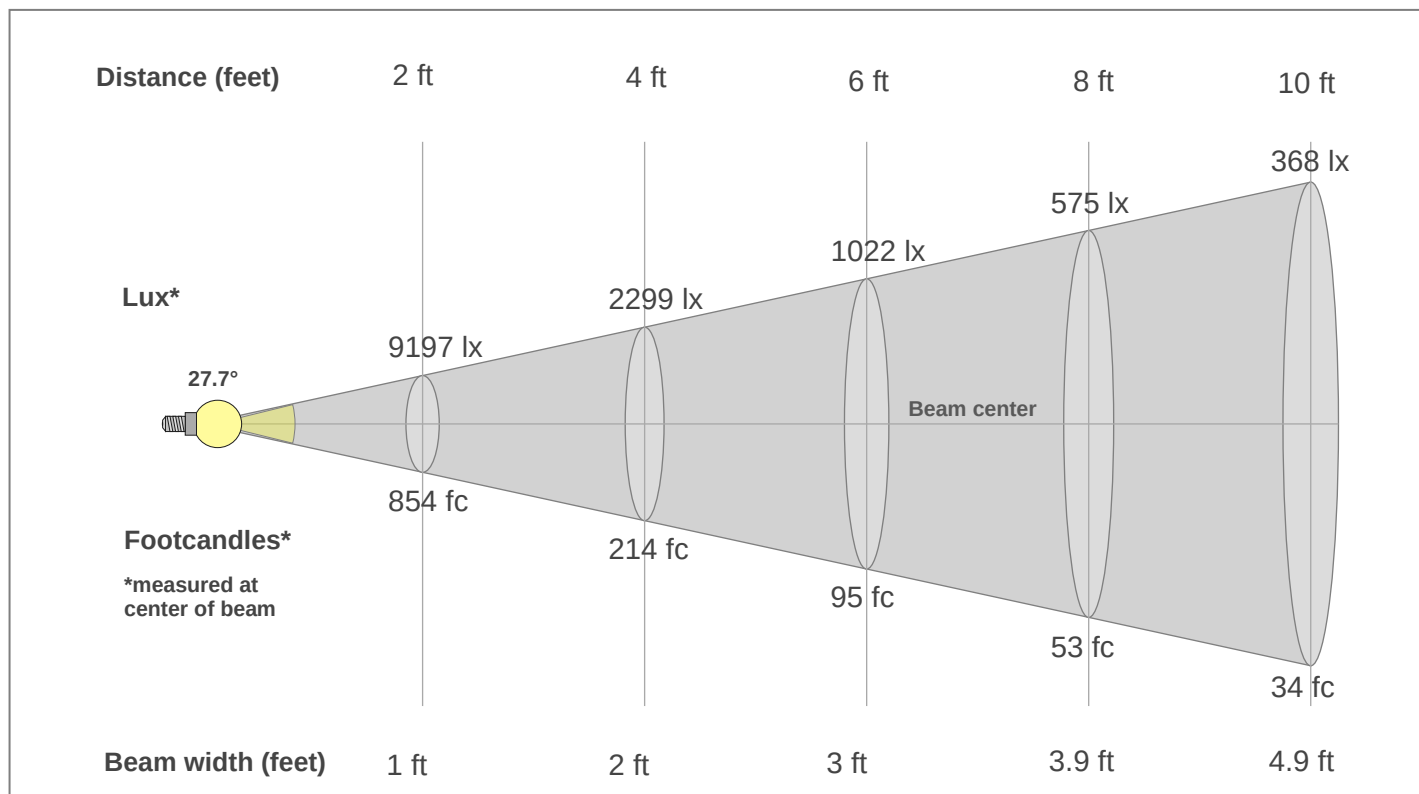
Rg 100.8

Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	92	-4%	-1%
2	93	-3%	2%
3	89	-1%	5%
4	93	0%	4%
5	93	0%	3%
6	94	3%	0%
7	94	0%	-3%
8	97	0%	-2%
9	95	-2%	2%
10	89	-2%	6%
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
3418lx	854lx	380lx	214lx	137lx	95lx	70lx	53lx	42lx	34lx	28lx	24lx	20lx	17lx	15lx	13lx	12lx	11lx	9lx	9lx
317.5fc	79.4fc	35.3fc	19.8fc	12.7fc	8.8fc	6.5fc	5fc	3.9fc	3.2fc	2.6fc	2.2fc	1.9fc	1.6fc	1.4fc	1.2fc	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°
3418	3374	3234	3013	2744	2427	2060	1683	1286	900	595	396	272	190	133	93	66	48	36	28
100%	99%	95%	88%	80%	71%	60%	49%	38%	26%	17%	12%	8%	6%	4%	3%	2%	1%	1%	1%

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°
3418	3374	3234	3013	2744	2427	2060	1683	1286	900	595	396	272	190	133	93	66	48	36	28
100%	99%	95%	88%	80%	71%	60%	49%	38%	26%	17%	12%	8%	6%	4%	3%	2%	1%	1%	1%

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°
3418	3374	3234	3013	2744	2427	2060	1683	1286	900	595	396	272	190	133	93	66	48	36	28
100%	99%	95%	88%	80%	71%	60%	49%	38%	26%	17%	12%	8%	6%	4%	3%	2%	1%	1%	1%

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°
3418	3374	3234	3013	2744	2427	2060	1683	1286	900	595	396	272	190	133	93	66	48	36	28
100%	99%	95%	88%	80%	71%	60%	49%	38%	26%	17%	12%	8%	6%	4%	3%	2%	1%	1%	1%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
27.7°	45.6°	61°	99.4%	99.0%