

Photometric / Colorimetric / Electric Report

Fixture Model:

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

Trim Model:

Date:

7/31/2026



Light efficiency:

64 Lumen/Watt

Light quality:

CRI: 93.2

Color temperature:

3040 K

CIE 1931:

**x: 0.434
y: 0.402**

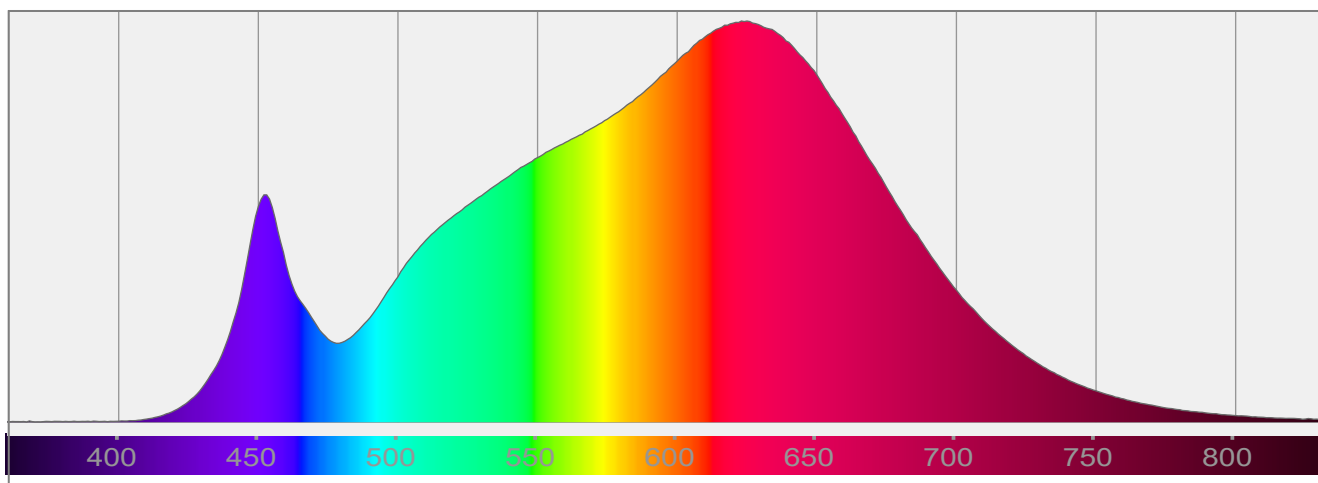
Output: 857 lm

Peak: 5893 cd

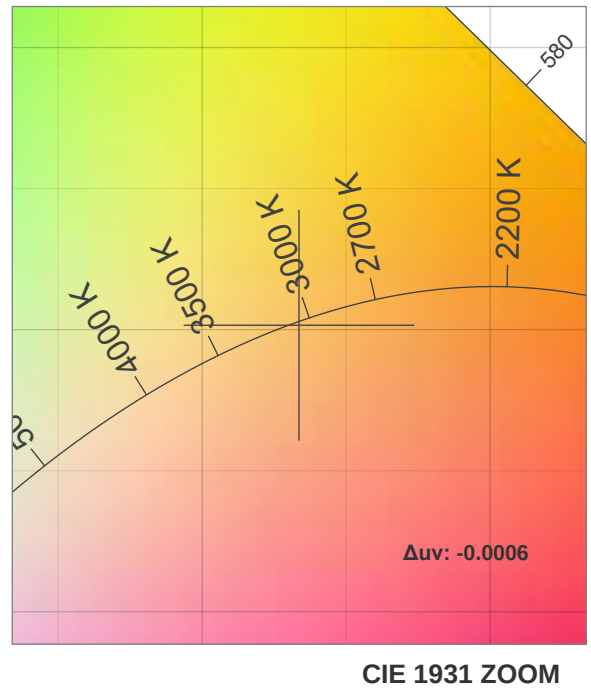
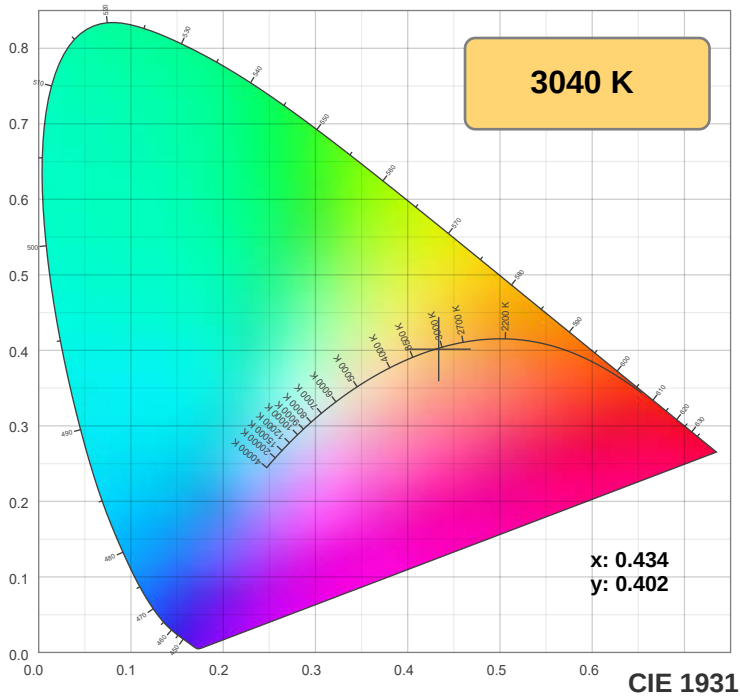
Power: 13.3 W

PF: 0.99

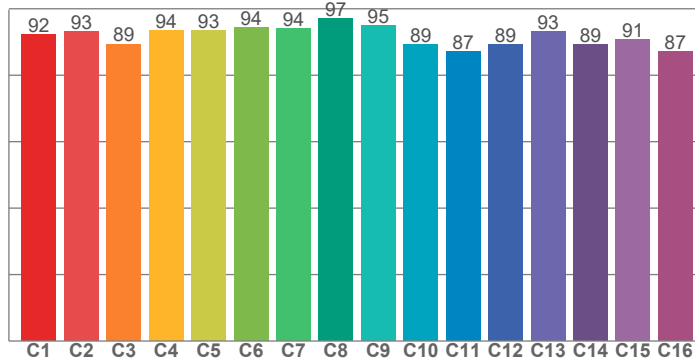
Spectra:



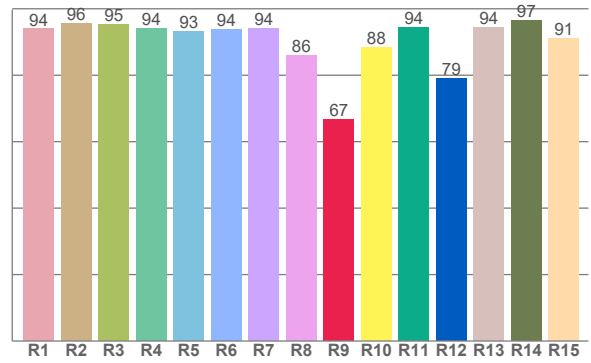
Color Details



TM-30: 91.8



CRI: 93.2 (R1-R8)



CRI R Values:

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93.9	95.6	95.4	94.0	93.1	93.9	94.0	86.0	66.7	88.3	94.3	79.1	94.3	96.6	91.0

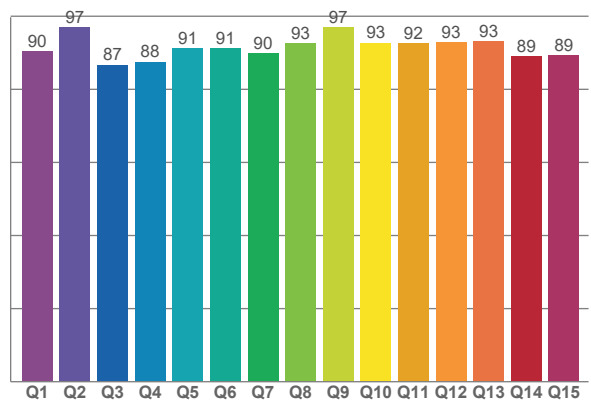
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
92.3	93.1	89.4	93.5	93.3	94.4	93.9	97.1	94.9	89.3	87.2	89.3	93.2	89.3	90.7	87.1

CQS Q values:

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
90.4	97.1	86.7	87.5	91.3	91.2	89.8	92.6	97.0	92.7	92.5	92.8	93.2	89.0	89.2

CQS: 91.0



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
3040 K	93.2	66.7	91.8	100.7	91.0	0.434	0.402	0.250	0.347	-0.0006

TM-30 Details

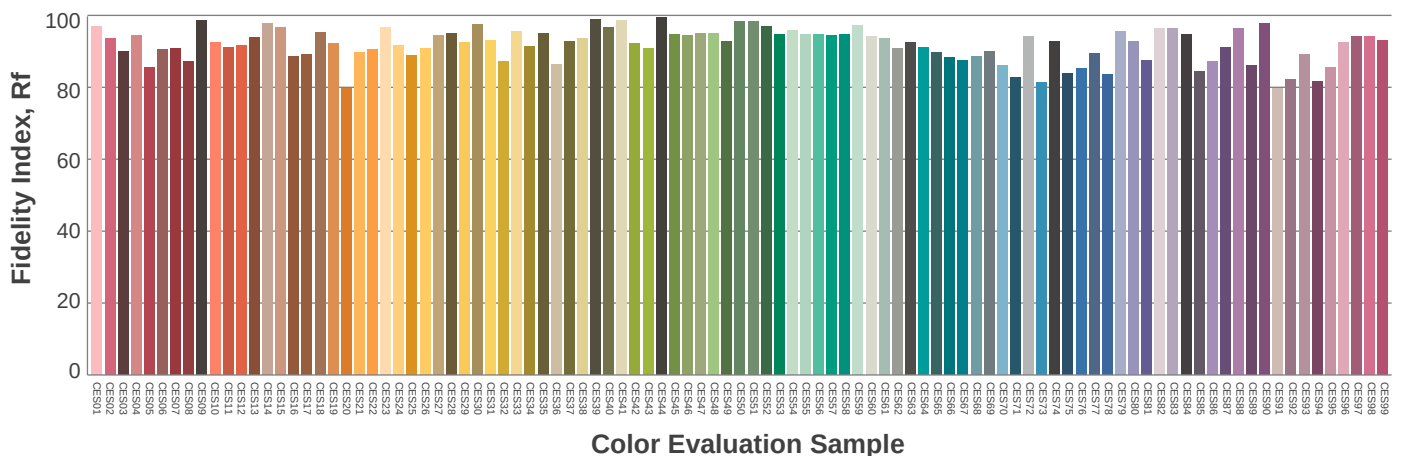
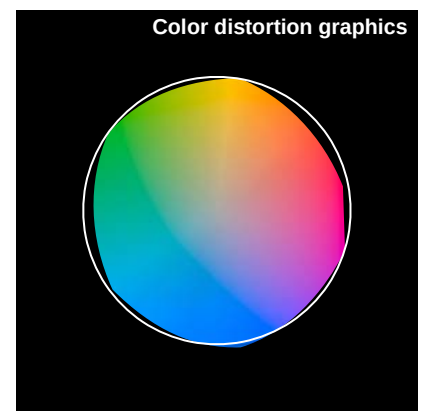
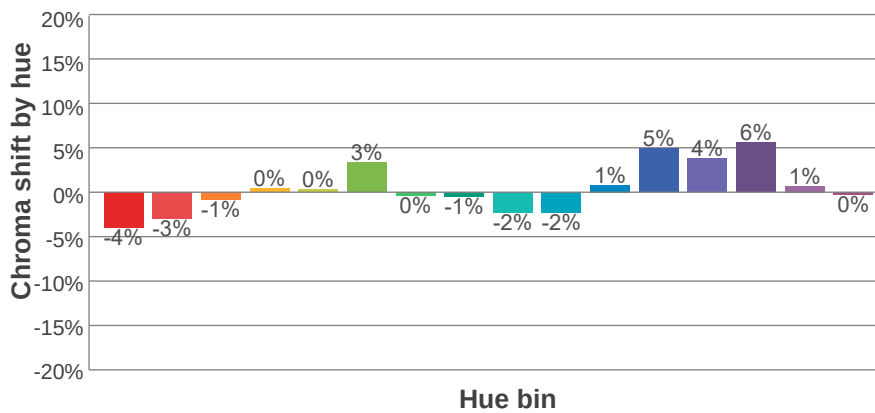
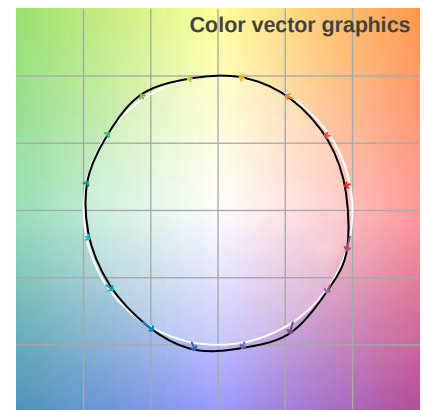
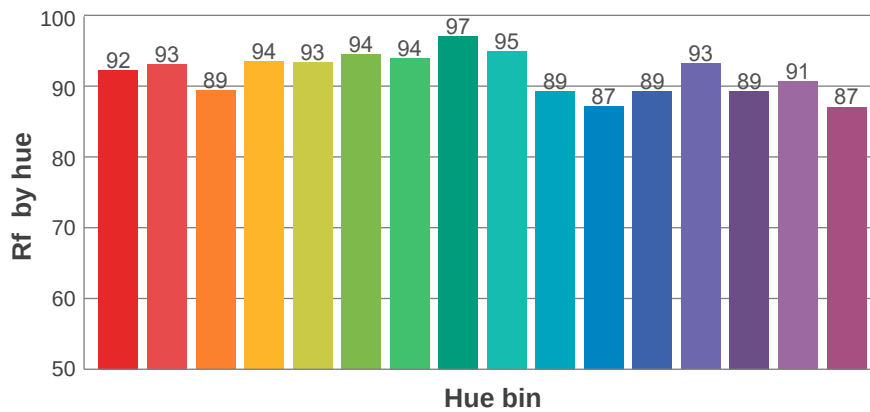
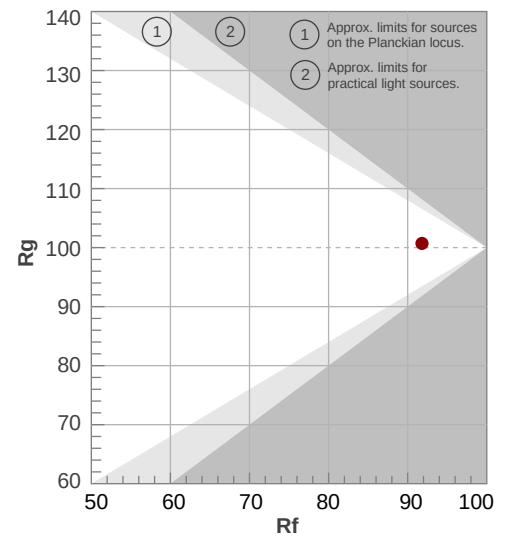
Rf 91.8

Fidelity index Rf

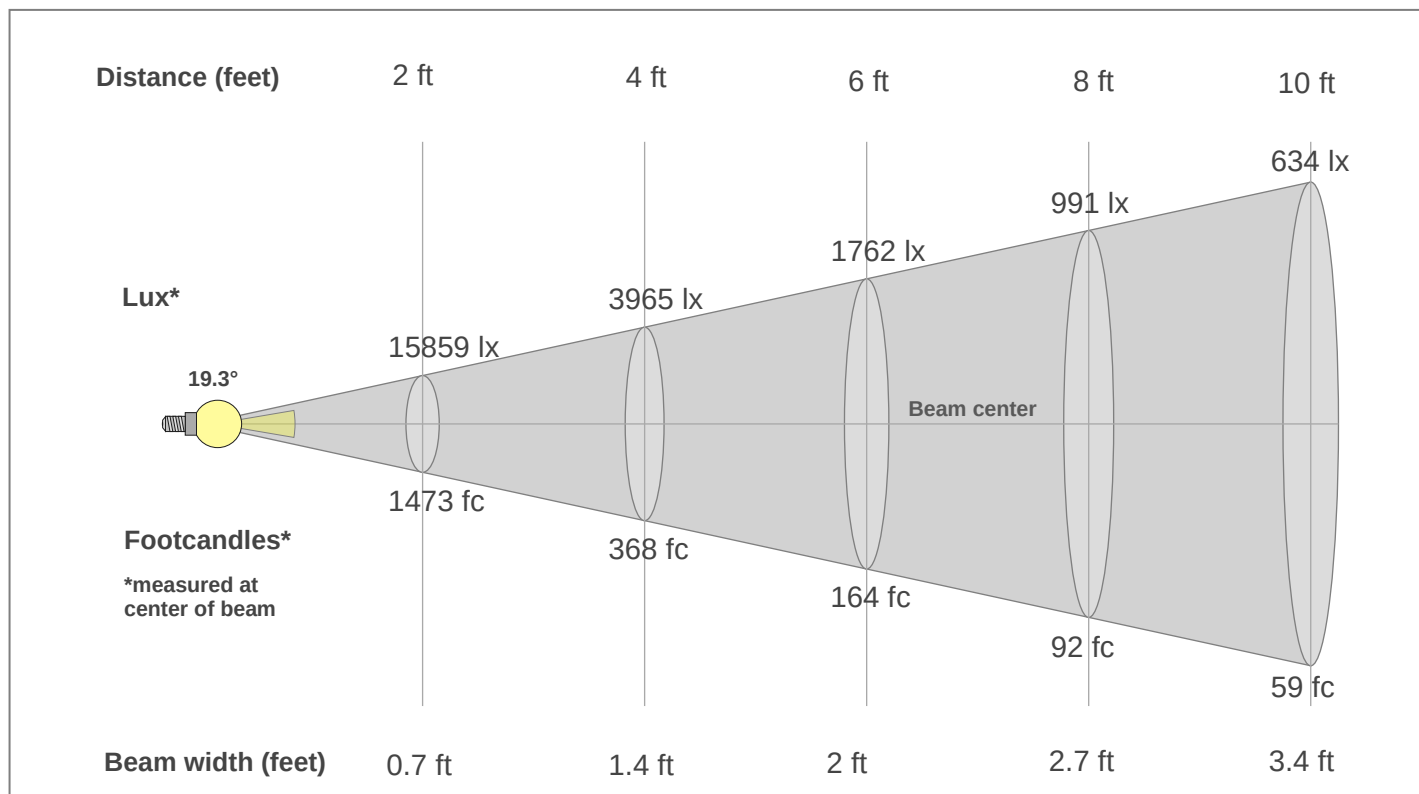
Rg 100.7

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	-1%	-2%
9	95	-2%	2%
10	89	-2%	6%
11	87	1%	9%
12	89	5%	3%
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
5893lx	1473lx	655lx	368lx	236lx	164lx	120lx	92lx	73lx	59lx	49lx	41lx	35lx	30lx	26lx	23lx	20lx	18lx	16lx	15lx
547.5fc	136.9fc	60.8fc	34.2fc	21.9fc	15.2fc	11.2fc	8.6fc	6.8fc	5.5fc	4.5fc	3.8fc	3.2fc	2.8fc	2.4fc	2.1fc	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°
5893	5869	5669	5401	5124	4834	4495	4112	3681	3231	2795	2391	2020	1688	1397	1146	931	748	600	483
100%	100%	96%	92%	87%	82%	76%	70%	62%	55%	47%	41%	34%	29%	24%	19%	16%	13%	10%	8%

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°
5893	5869	5669	5401	5124	4834	4495	4112	3681	3231	2795	2391	2020	1688	1397	1146	931	748	600	483
100%	100%	96%	92%	87%	82%	76%	70%	62%	55%	47%	41%	34%	29%	24%	19%	16%	13%	10%	8%

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°
5893	5869	5669	5401	5124	4834	4495	4112	3681	3231	2795	2391	2020	1688	1397	1146	931	748	600	483
100%	100%	96%	92%	87%	82%	76%	70%	62%	55%	47%	41%	34%	29%	24%	19%	16%	13%	10%	8%

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°
5893	5869	5669	5401	5124	4834	4495	4112	3681	3231	2795	2391	2020	1688	1397	1146	931	748	600	483
100%	100%	96%	92%	87%	82%	76%	70%	62%	55%	47%	41%	34%	29%	24%	19%	16%	13%	10%	8%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
19.3°	36.2°	51.7°	99.5%	99.0%